

In The Matter Of:

*Mankato-Mississippi River 345 kV TL Project
Info & Scoping - 22-532 & 23-157*

MANKATO - 7-8-24 - 11:00 A.M.

July 8, 2024

Mankato - 7-8-24 - 11:00 a.m.

Shaddix & Associates

7400 Lyndale Avenue South

Suite 190

Richfield, MN 55423

Page 1

1 SCOPING AND INFORMATIONAL MEETING - 22-532 & 23-157
 2 MANKATO - JULY 8, 2024 - 11:00 A.M.
 3 BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION
 4 AND DEPARTMENT OF COMMERCE
 5
 6 In the Matter of the Application of Xcel Energy
 7 for a Certificate of Need and Route Permit for the
 8 Mankato - Mississippi River 345 kV Transmission Line
 9 Project in Southeast Minnesota
 10
 11
 12 MPUC DOCKET NOS: E002/CN-22-532
 13 E002/TL-23-157
 14
 15
 16
 17 Country Inn and Suites
 18 1900 Premier Drive
 19 Mankato, Minnesota
 20
 21 JULY 8, 2024
 22
 23
 24
 25 COURT REPORTER: Janet Shaddix Elling, RPR

Page 2

	I N D E X	
1		
2	SPEAKER	PAGE
3	Sam Lobby	3
4	Ellen Heine	13
5	Rich Davis	20
6	Harry Tolzman	32
7	Erin Guentzel	34
8	Gerald Rausch	35
9	Nancy Prehn	36
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Page 3

1 **MR. SAM LOBBY:** Hello. There we go.
 2 Good morning, everybody. My name is Sam
 3 Lobby, I'm with the Minnesota Public Utilities
 4 Commission. I will get going here for today's
 5 meeting.
 6 First of all, I want to thank all of you
 7 for coming out today. I really, really appreciate
 8 you taking the time out of your day to be here. And
 9 I know this is an extra thing that you have to come
 10 to that takes time, but I just want you to know that
 11 your input is highly, highly valued by the
 12 Commission and we appreciate you being here today.
 13 Today we're here to discuss the Mankato
 14 to Mississippi River 345 kV Transmission Line, that
 15 is being proposed by Xcel Energy.
 16 Today we're here to give you a public
 17 information meeting, which is going to be the first
 18 part here where we go over our presentation and
 19 we'll also be talking about the environmental impact
 20 statement that Rich will be discussing. And that
 21 during that portion there will be plenty of time for
 22 folks to ask questions or to make comments.
 23 We do have public meetings for this going
 24 all week. We have two of them today, so we've got
 25 today here and another one in Waterville this

Page 4

1 evening. We have two more in person tomorrow and
 2 then one in person on Wednesday, and Thursday we
 3 have two virtual, one during the day and one in the
 4 evening. So there's plenty of opportunities to
 5 comment if you don't get out a comment today that
 6 you wanted to, there's other meetings that you can
 7 come to, including those virtual ones so you don't
 8 have to leave your house or anything.
 9 Additionally, you can submit written
 10 comments. Just one note on written comments. There
 11 isn't a preference, or there's written versus spoken
 12 comments here at the meeting and they're weighted
 13 the same, so you don't have to worry about, if you
 14 write the comments, that it counts less or anything,
 15 it counts the same. And the written comment period
 16 will close on August 1st, so you've got plenty of
 17 time for that.
 18 The project can be found on the Public
 19 Utilities Commission website under the docket
 20 numbers 22-532 and 23-157. You can see those up
 21 there and they're on the printouts that we handed
 22 out at the front and we will cover more of that
 23 information in future slides as well.
 24 So just to provide a little context. The
 25 Public Utilities Commission is here to give you all,

Page 5

1 the public, a voice. We are not for or against any
2 projects that come before us. We're not affiliated
3 with or representing any of the applicants that come
4 to us. We are here to make sure that all interested
5 parties have an opportunity to comment, and one of
6 the most important interested parties are the
7 public, you that live in the area and that know the
8 project area better than anyone else. There's
9 things that we can come in and we have summary
10 sources, for example, for the environmental
11 analysis. We have summary sources that we can get
12 an idea of the things we want to study, but you all
13 who live in the area know the place the best and to
14 tell us what we wouldn't know about.

15 So, with that said, your input is
16 critically important to making a decision on this
17 project as to whether or not this gets permitted.

18 So, again, thank you very much for coming. There
19 are five commissioners at the PUC and they do take
20 the public comments very seriously, so anything you
21 share with us today or in writing, just know that
22 the commissioners will see that.

23 So, with that, I will just give you a
24 basic agenda here of what we're covering today.

25 My name is Sam Lobby. In the blue shirt

Page 7

1 participate in developing the scope of the
2 environmental impact statement. If you haven't
3 heard of an environmental impact statement before or
4 what the scope of that entails, Rich will be
5 covering that. And so if you have any questions,
6 you're more than welcome to ask them, but hopefully
7 that will clear up what that is about.

8 Part of developing a scope of an
9 environmental impact statement is that we want to
10 get comments on potential impacts of a proposed
11 project as well as comments on methods to minimize,
12 mitigate, and avoid potential impacts, which may
13 include proposing alternative routes or route
14 segments for consideration. So that's where you
15 folks on the ground who live in the area and know
16 the area the best, that's where your expertise can
17 be really important and useful for making decisions
18 about these kinds of projects.

19 We'll also be providing our contact
20 information in case you have questions later. And
21 for the Public Utilities Commission and the
22 Department of Commerce, feel free to reach out to us
23 at any time and feel free to ask questions during
24 the whole length of this process.

25 So there are several different government

Page 6

1 over there in the corner is my colleague, Trevor
2 Culbertson. We both work for the Public Utilities
3 Commission. We are filling in today for Cezar
4 Panait. He is the lead on this project but couldn't
5 be here today. You're more than welcome to get
6 ahold of Trevor and I at any time if you have
7 questions about the project and we can direct you to
8 the right place.

9 The project is being proposed by Xcel
10 Energy. We have Ms. Heine with the Company today to
11 represent the project that they are proposing.

12 And then next after that we will have
13 Rich Davis with the Department of Commerce Energy
14 Environmental Review and Analysis to talk a little
15 bit about the environmental analysis.

16 And then after that, the slides should
17 take us around a half hour maybe, and then the rest
18 of the meeting will be for you all to ask questions
19 and provide comments.

20 So the purpose of today's meeting is,
21 first of all, to provide information about this
22 proposed project as well as the State's high voltage
23 transmission line route permit process, so how we go
24 about actually permitting these projects.

25 We'll also provide an opportunity to

Page 8

1 units that are involved in this process.

2 Of course, the Public Utilities
3 Commission, we are the government unit that reviews
4 applications and issues site and route permits in
5 the state of Minnesota.

6 We also have Rich here with the
7 Department of Commerce. They manage the
8 environmental review process for the PUC and prepare
9 environmental impact statements on a proposed
10 project.

11 Lastly, later on in the project, we will
12 have an administrative law judge from the Office of
13 Administrative Hearings. And they will facilitate a
14 public hearing later in the process and then they
15 will provide a report to the Commission setting
16 forth findings of fact, conclusions of law, and
17 recommendations on the proposed project.

18 So that's just a little kind of snapshot
19 of what that's going to look like today here. We
20 are soliciting comments from you all about how to
21 develop what will be studied in the environmental
22 analysis and then that will take several months to
23 complete that analysis. And then once that happens,
24 then we're going to come back here and you all will
25 be invited back and the draft of that analysis will

1 be published so you all have time to take a look at
2 it and, you know, develop your own thoughts about
3 it. Then you can come back here and there will be
4 another public forum where you can talk about were
5 the things you said in this meeting today, did those
6 get added in the environmental analysis, things like
7 that. So Rich will cover more of that, but that
8 will be overseen by a judge and so that's all
9 official in the record.

10 Additionally, I don't have it up on the
11 slide here, but there are other state agencies that
12 will get involved in this process. They're not
13 officially part of the permitting process. There
14 are the three agencies that I mentioned, but if
15 there's other agencies like the Department of
16 Natural Resources, the Department of Transportation,
17 the Minnesota Pollution Control Agency, those types
18 of agencies might have information or things that
19 can inform the environmental analysis, or they might
20 have rules and regulations that intersect with this
21 project where they're going to have their
22 requirement. So there's a lot of different state
23 agencies that get involved.

24 So just a little more background on the
25 Minnesota Public Utilities Commission. Our

1 Ms. Heine, with the Company will be giving you more
2 details. But Xcel is proposing to build a new
3 approximately 130-mile 345 kilovolt transmission
4 line and a separate new 20-mile 161 kilovolt
5 transmission line. The proposed 345 kilovolt line
6 will run from Mankato to the Mississippi River
7 crossing near Kellogg, Minnesota. And the 161 line
8 will be north of Rochester. Construction is planned
9 to start in 2026 and the project is scheduled to be
10 in service by 2030.

11 So, with that in mind, here is a little
12 timeline to just give you a sense of how long this
13 process will take.

14 So the application was submitted at the
15 beginning of April of this year and it was accepted
16 by the Commission on June 26th of 2024. The public
17 information and environmental scoping meetings are
18 of course right now, so this week, today through
19 Thursday is when those meetings will be held.

20 So then today we get comments from you
21 about what we should study for the environmental
22 assessment. Then in October of 2024 we will have
23 developed that scope based partly on your comments
24 and we will release that scoping decision of here's
25 what we plan to study and that will happen in

1 Commission consists of five commissioners. They are
2 appointed by the governor and confirmed by the State
3 Senate. We regulate three service industries,
4 electricity, natural gas, and telephone. Our
5 mission is to ensure safe, adequate, and efficient
6 utility services at fair and reasonable rates. And
7 we provide independent professional oversight and
8 regulation of utility service providers in a manner
9 that is consistent with the public interest.

10 So in order for this project to be
11 permitted, there's two different things that the
12 Commission needs to give to the project applicant.
13 So one is called a certificate of need. So a
14 certificate of need is required for any high voltage
15 transmission line with a capacity of 300 kilovolts
16 or more or one mile of its length in Minnesota. The
17 Applicant will also need to get a route permit. And
18 in this case, it's going for a full review process.
19 So any high voltage transmission line with a nominal
20 voltage of 100 kilovolts or more and greater than
21 1500 feet in length will require a route permit. So
22 these are the two where the official language that
23 is used for the types of permits that they need to
24 have to get this project completed.

25 So I won't go too deep into this.

1 October.

2 Then in March of 2025, so several months
3 out, that's about how long it takes to actually do
4 the study itself, then we will issue a Draft
5 Environmental Impact Statement, so it won't be a
6 final one. And then it will come back to you and
7 that's where the public hearings will happen.

8 So in April of 2025 there will be a
9 second set of public hearings just like today, only
10 there will also be the administrative law judge
11 present. And then so that's where you can make your
12 comments about did we hit everything that we should
13 have studied for the environmental analysis.

14 And then the final environmental impact
15 statement will be issued in either June or July of
16 2025 and the final decision on this permit will
17 happen as estimated in September of 2025.

18 So this will be over a year before all
19 the decisions are made and there are a lot of
20 opportunities for public comment and things like
21 that. And also, as I mentioned, the Public
22 Utilities Commission, our phones are always on, so
23 if you ever have any questions throughout the
24 process, you're more than welcome to give us a call.

25 With that, I will hand it over to

Page 13

1 Ms. Heine with Xcel Energy.
2 **MS. ELLEN HEINE:** Thanks, Sam.
3 Yep. So I'm Ellen Heine with Xcel
4 Energy. I'm the lead in the siting and land rights
5 group. We're kind of the lead for the permit
6 development. There are several other folks from the
7 project team here as well to assist me.
8 So, yeah. So this proposed project is --
9 this project was part of a group of projects that
10 were identified by MISO, which is the Midcontinent
11 Independent System Operator. It's a regional
12 transmission planning group that identified the need
13 for this. And as you can see that on the site, it's
14 got a variety of benefits where it's adding capacity
15 to accommodate more energy on the system and improve
16 reliability in this area. It creates greater access
17 to some of the renewable energy that is getting
18 developed in the region. It upgrades some of the
19 existing facilities that are on the ground right now
20 and then also, obviously, it's supporting some
21 regional economic growth through new energy
22 infrastructure and development of the project.
23 So, I apologize. I was looking at one
24 thing and --
25 Okay. So the routing process that we

Page 15

1 interested in today here.
2 Segment one, it starts at the Wilmarth
3 Substation in Mankato here, and then segment one is
4 a point very close to an existing substation in
5 Faribault. So we had initially, when we went out,
6 we had an alignment that followed an existing 115 kV
7 line from Wilmarth to Faribault. There's a portion
8 of that that's been eliminated and now it routes
9 down and around because that area by the Mankato
10 airport had above-ground easements that wouldn't
11 allow the line to there located there. So there's a
12 combination of different lines that you'll see on
13 the map. It will ultimately be one end-to-end route
14 based on all the lines shown here. But the north
15 route mostly follows a 115 kV line, and the southern
16 route partially would follow an existing 69 kV line
17 where we diverge from that.
18 And then segment two is from Faribault
19 over to Pine Island. And that, the north route on
20 that segment partially follows also another 69 kV
21 line, but bypasses the city. So there's a portion
22 of that 69 kV line that goes through town that we
23 wouldn't follow. And the southern route on segment
24 two is what we call a greenfield route where there's
25 not an existing transmission line along that

Page 14

1 developed, we have been out through here a couple of
2 times in the past. We did some initial routing
3 development via using mapping information and stuff
4 like that online, developed some initial routes, and
5 then based on those preliminary routes went out and
6 did a couple of rounds of open houses as well as
7 doing some field review of those proposed routes to
8 make some adjustments to that. So based on that
9 process that happened over the last previous year,
10 the routes that you see on the maps are the ones
11 that are proposed.
12 So this is also on that larger map in the
13 back, just an overview of the whole project. The
14 segments, based on the kind of, like, the points in
15 between we identified four separate segments for
16 this, but it's really all part of that larger
17 project. So those parts on this end of the project
18 that are shown in orange are segment one, and then
19 from Faribault to Pine Island is segment two.
20 Segment three is from Pine Island over to the
21 Mississippi River by Kellogg. And segment four is
22 actually essentially a relocation of an existing
23 161 kV line that's currently located on the same
24 structures as that 345 line for that portion of it.
25 So the one that most people are

Page 16

1 segment.
2 And then as I mentioned, segment three,
3 the first portion of segment three is currently
4 operating at a 115 -- or a 161 kV on one side of the
5 lines and the 345 kV on the opposite side, so that
6 161 will need to be relocated there. The point of
7 segment three is that we would just install a second
8 345 on the other side of the existing poles that
9 were constructed a few years ago as part of the CapX
10 2020 project.
11 And then, as I mentioned, segment four is
12 then route alternative four for that 161 kV line to
13 connect the Chester substation, which is southeast
14 of Rochester, or east of Rochester and west of the
15 Pine Island substation.
16 There is one route segment that's shown
17 on the route there in the dashed line, which is an
18 alternative that we recently filed on the docket
19 as -- it wasn't included in the initial application,
20 but we have done some additional study and worked
21 with our utility partners and identified that it's
22 possible to double-circuit with an existing 161 kV
23 line there so that has been added to the project to
24 study as well.
25 And as I mentioned, we do have project

1 partners on this for the western portions of the
 2 line. So we are working with Dairyland Power,
 3 Rochester Public Utilities, and Southern Minnesota
 4 Municipal Power. We, as Xcel Energy, are the
 5 Applicant and are leading that process, but those
 6 utilities are also partners in the process.
 7 And then a different kind of similar
 8 version of this, but the timeline. This project was
 9 identified in 2022. We've been in this process
 10 right now of route development, doing public
 11 engagement and getting feedback and preliminary
 12 engineering, and we submitted that route permit
 13 application to the PUC. So now we're in this review
 14 period from between now and 2026 of the Commission
 15 reviewing the application and studying routes and
 16 impacts. And once the permit gets issued, then we
 17 would begin negotiating with landowners on the route
 18 that gets selected and obtain any other additional
 19 required permits from the DNR or local communities.
 20 So there's more outreach that goes on at that time
 21 once we find out the specific route.
 22 We're anticipating construction to begin
 23 in probably late 2026 and continue until early 2030,
 24 and then that one will be placed in service at that
 25 time.

1 In the areas where it would be double-circuited,
 2 they would do insulators on each side, so there
 3 would be three wires on each side of the pole. And
 4 any locations where there is a single circuit, they
 5 would be alternating, so they'd be staggered on
 6 either side of that. The 345 kV segments of the
 7 line are typically 150 feet for the right of way or
 8 the easement width. And the spans between poles are
 9 typically about 800 to 1200 feet in length. And
 10 then the 161 kV, that narrows to 100 feet for the
 11 easement or the right of way there, and those spans
 12 are a little shorter at 300 and 500 feet on average
 13 between those structures.
 14 And then just the typical construction
 15 process. Once the routes are determined and we've
 16 worked through with the landowners on the land
 17 rights, they start doing soil surveys and staking.
 18 The beginning construction access gets developed,
 19 they install matting in some places and do some tree
 20 clearing to be able to get vehicles close to the
 21 right of way. And it certainly gets mobilized and
 22 materials get staged. They begin doing the
 23 foundation construction for the poles, then come
 24 through and install the structures on the
 25 foundations and then at the end is the restoration

1 Just a quick overview here. The
 2 easements that we're talking about, those have been
 3 mentioned. I think we sometimes use them
 4 interchangeably. The easement is the specific right
 5 to authorize the utility to be located in that
 6 location, and that's the agreement that we would
 7 work with the landowner to acquire a right of way is
 8 more like the description of the area. Basically,
 9 when we're talking about a right of way or an
 10 easement, we're saying that same 150 feet for the
 11 345 or 80 to 100 feet for the 161 kV line.
 12 There was some confusion. There's also a
 13 route width that gets identified, and that's a
 14 broader area where the environmental study includes
 15 that. But that's really more of just for the
 16 permitting process, to make sure that we encompass
 17 the environmental impact statement in the adjacent
 18 area. There's some ability to make adjustments for
 19 the specific alignment working with the state and
 20 going through a process to do that, but the route
 21 width of 1,000 feet, that's much wider than the
 22 actual easement would be.
 23 So the infrastructure itself. What we're
 24 anticipating is that it would be steel structures,
 25 single pole style usually, so just one single pole.

1 and wrapping up of the project area.
 2 And then this is just some general
 3 contact information for us. We've got a project
 4 website that you can see there and a project email
 5 specifically as a project phone number. So if you
 6 have any specific questions about contacting us
 7 directly, and there is stuff about the state process
 8 that the state folks have provided that information
 9 as well, but you can always reach out to us if you
 10 have questions.
 11 **MR. RICH DAVIS:** Okay. Welcome,
 12 everybody.
 13 My name is Rich Davis, I'm with the
 14 Minnesota Department of Commerce. I'm in the Energy
 15 Environmental Review and Analysis unit, or EERA.
 16 Also with my unit here is Logan Hicks. You might
 17 have met him when you came in at the welcome table
 18 or signed up to speak. Either one of us can help
 19 answer questions about the state process and are
 20 working on getting your comments on the alternative
 21 routes or anything like that.
 22 This is just a real quick breakdown of
 23 what we're here to address and what we're looking at
 24 from an agenda, kind of looking at our role, which
 25 is primarily the environmental review. We'll go

Page 21

1 through scoping, recommending alternatives, how to
2 comment, and then we'll open it up for questions and
3 comments from everybody.
4 So a little bit on this. We, other than
5 engaging with the public at meetings like this, Sam
6 kind of mentioned it as well, we coordinate with
7 other state agencies as well as federal agencies and
8 tribes. They have technical representatives that we
9 reach out to. You may see their comments in the
10 docket for the project in the initial comment, but
11 we get communications directly to our unit for
12 concerns or questions that they might have or
13 recommendations that they may have regarding the
14 project. They also notify us of other state permits
15 that will be required of the applicant should the
16 project go forward, that they will have to apply to
17 those other agencies and get those and coordinate
18 with them as well.
19 But a little bit on what we do. We
20 conduct the environmental review for transmission
21 lines on behalf of the Commission. What we're
22 trying to do is we're trying to look at it
23 objectively. We evaluate potential human and
24 environmental impacts and identify strategies to
25 avoid, minimize, and mitigate impacts from the

Page 23

1 Again, it identifies strategies to avoid, minimize,
2 and mitigate impacts. The EIS will also list out
3 impacts that cannot be avoided with any particular
4 route or route segment or alternative that goes
5 forward. We try to make that clear within the
6 document so that the commissioners can see and
7 compare the different routes and alternatives that
8 are out there. Again, we don't advocate for or
9 against a project, we're just trying to remain
10 unbiased and provide information.
11 There's a lot of text on some of these
12 and I apologize, but I want to make sure that we get
13 everything covered.
14 So for public input, to help -- it helps
15 us to shape the scope and essentially the table of
16 contents in what we're focusing on in the EIS. We
17 actually issue this, and it is over on the table by
18 Logan over there, it's called a draft scoping
19 decision. So prior to us beginning the EIS, we
20 will -- the Department of Commerce will issue that
21 scoping decision as to what to include.
22 If you look in there, there's actually a
23 table of contents, if you look at that document.
24 And it identifies the general or main areas of
25 resources that we're going to be looking at as we

Page 22

1 project.
2 We are a neutral third party. We are
3 just here to provide facts and look at the comments
4 and look at the alternatives that are being
5 suggested. We don't have a bias for or against any
6 project or one segment or anything of the project.
7 We don't have a preference. Our goal with all of
8 this is to try to help the Commission and the public
9 understand what's being used and looked at for the
10 project and for the potential impacts of it, and to
11 help the Commission make an informed decision
12 regarding the issuance of a certificate of need or a
13 route permit.
14 For this project, as was mentioned, we'll
15 be completing the environmental impact statement, or
16 an EIS, just because of the size of the project and
17 the complexity of potential resource impacts we went
18 that route versus a smaller, if you want to call it
19 that, EA, which is an environmental assessment.
20 But the EIS itself, it'll describe the
21 proposed project and any alternatives that are
22 brought in. I'll get to a little bit more on that
23 as we go on here.
24 It looks at potential human and
25 environmental impacts of the proposed project.

Page 24

1 evaluate the project for potential impacts. And
2 that's just meant to help, you know, if you have
3 comments or questions about any potential impacts,
4 that is kind of to help guide you as to where those
5 might fall in, or if you have questions about where
6 they might fit in, we can look at that and help you
7 guys figure it out.
8 But there are some questions that when
9 we're here asking for public comments that really
10 help us focus in on things that are on the screen.
11 I'm going to read them just to make sure that we
12 have them all here.
13 Are there other ways to meet the stated
14 need for the project? For example, a different size
15 project or a different type of facility? That
16 question is specific to the certificate of need for
17 this project. And when we mention that, it's
18 actually called a system alternative. So if there's
19 some way to generate power or some other type of
20 project that could help the Applicant meet their
21 needs of this project and why it's being proposed.
22 It could be something potentially other than a
23 transmission line that you may want to have
24 considered or looked at. Because that, again, is
25 discussed in the draft scoping decision that's over

Page 25

1 there on the table.
2 What potential human and environmental
3 impacts of the proposed project should be considered
4 in the EIS? We can look at a lot of maps and get a
5 lot of information about potential resource impacts
6 that are out there for the project, but when it
7 comes down to items that have local interest or
8 individual landowners that have concerns, we can't
9 see all of those. So it's important that you are
10 here to give us comments or that you're giving us
11 comments by writing in. It lets us know about
12 things that are out there that we can't see maybe by
13 simply looking at a map or some other data that
14 another agency might give us.
15 Also, are there methods -- are there any
16 methods to minimize, mitigate, or avoid potential
17 impacts of the proposed project that should be
18 consider in the EIS? That's fairly
19 self-explanatory.
20 But the next one on here, are there any
21 alternative routes or route segments that should be
22 considered in the EIS to address or minimize
23 potential impacts associated with the proposed
24 project?
25 The next slide actually discusses

Page 27

1 alignment. And then suggesting an alternative route
2 and discuss how that alternative mitigates those
3 anticipated impacts.
4 We want them submitted on time within the
5 comment period. August 1st is our deadline for
6 comments to come in.
7 They have to meet the need of the
8 project, so the Applicant has an intended purpose of
9 the project. We can't have a, you know, something
10 that says route the transmission line to Chicago,
11 that's not going to really meet the need of the
12 project or help us get to where we need to be.
13 And feasibility is a part of this as
14 well. If you suggest an alternative, it'll be
15 myself and Logan and my supervisor that will be
16 looking at those recommendations and making the
17 recommendation as to the alternatives that are
18 included in the scope of the EIS.
19 So, again, making it clear, having a map,
20 having as much information in there as you can is
21 helpful.
22 Again, another handout on that table,
23 it's titled How to Suggest Alternative Transmission
24 Routes. It walks you through the process. If you
25 have any questions after this meeting, we'll take

Page 26

1 alternative routes and how to suggest them so I'm
2 going to hold that until then.
3 Are there any unique characteristics of
4 the proposed project area that should be considered
5 in the EIS? Again, local input from the folks that
6 live out here is where we find that information.
7 That's what helps us kind of direct our analysis
8 when we're doing the EIS.
9 Referring to route alternatives, we can
10 get a lot of route alternatives or alternative
11 segments to sections of the route that are
12 basically, well, don't come by my house, put it over
13 by somebody else's house. And that's a fine
14 suggestion, but it's tough for us to do a lot with
15 that because essentially it's the shifting the
16 impact from your property to somebody else's. And
17 when we're looking at alternatives, we're trying to
18 find ways to reduce those impacts. So we want route
19 alternatives to be suggested or brought in that on
20 this slide explains a little bit as to what we're
21 looking for and what helps us to fine tune those,
22 the route alternatives or the alternative segments
23 that would make it into the EIS analysis.
24 One, we gotta be able to identify any
25 impact that's occurring for the existing proposed

Page 28

1 them at the meeting, if you have questions
2 afterward, obviously email me, call me, you know we
3 want to help get those things down as best we can.
4 If it's carried forward in the EIS that
5 alternative can be selected. The alternative has to
6 be included in that environmental review so that
7 it's something that the commissioners can consider
8 so that the impacts have been looked at.
9 And then Xcel Energy would have the power
10 of eminent domain to construct that alternative if
11 the Commission were to tell them they had to pick a
12 route or a route alternative that's put forward.
13 A little bit -- you're ahead of me. And
14 this is, again, for the certificate of need or the
15 CN alternatives, which again are the system
16 alternatives. So in addition to the route
17 alternatives that I was just kind of talking about
18 and I had previously mentioned this, was the first
19 question that was on that slide. We have to look at
20 the system alternatives to the project that includes
21 different size, type, and timing. And then a little
22 note there on the side of the slide, the EIS will
23 study a no-build alternative, it will study what
24 happens if the project is not constructed as
25 proposed. And, again, there's not a ton of detail

Page 29

1 on there, but the CN alternatives, again, are
 2 looking at other ways of possible generation or
 3 along the route a different size line, a
 4 different -- it's not just necessarily a different
 5 route or route alternative, it's a much bigger
 6 picture to look at.
 7 And the next slide on how to comment.
 8 Obviously, verbal comments today at the meeting or
 9 completing the handout. We've got all kinds of fun
 10 stuff if you like paper. That is over there at the
 11 table with Logan, it's got my name and address on
 12 it. On one side you actually just put your
 13 information at the top, fill out that bottom
 14 section. The questions that I just read off are all
 15 on there as well. Fill out that bottom section,
 16 fold it up, put a stamp on it, and it goes right to
 17 me, it's got my address on it. It's got other ways
 18 to contact me as well, it's got my email, it's got a
 19 phone number, it's got the project website that we
 20 maintain for our agency that has information for the
 21 public as well.
 22 That right there, the next one on the
 23 list, the comment online. That is on our website.
 24 If you go to the project page on our website, there
 25 is a little button at the top of it that says Submit

Page 31

1 come up. I want everybody to come up to the mic,
 2 that helps out again with Janet, and it gets us to
 3 make sure that everybody can hear everything.
 4 Please limit comments to five minutes. Maintain
 5 respect for each other. And direct your comments
 6 and questions to the scope of the environmental
 7 impact statement as much as possible. That's the
 8 most helpful.
 9 And I tell you, you can come up and
 10 comment on anything you want, but it is most helpful
 11 to focus on those questions. And this one, we
 12 should almost print this out for people. But this
 13 slide gives you all the information on the end of
 14 the comment period, how to comment, where to
 15 comment, the questions that are being asked. There
 16 is different contact information for staff and for
 17 the Applicant. Additional information that's our
 18 website on there. It also directs you as to how to
 19 get onto eDockets to look at the full record for the
 20 project or to sign up for notifications through
 21 eDockets.
 22 So I would suggest -- again, another
 23 handout, but you can pick this up before you leave
 24 if you're not going to comment today. Or if you do
 25 comment today, this is going to make sure that you

Page 30

1 a Comment, and you can click on that and it'll go
 2 into the system and I get an email straight to my
 3 email that says that as the comments come in.
 4 And then mailing or emailing a comment.
 5 Obviously, that's my address up in St. Paul, email
 6 address. The comment period ends August 1st, I
 7 don't know how many times we can say that, but we'll
 8 try to keep saying it.
 9 Again, I've already covered these, I'm
 10 not going to read them all again, but it's just a
 11 reminder of topics for comments that really help us
 12 out, that can direct us the best on the scope of the
 13 EIS. And we'll put that back up when people are
 14 commenting, that way it'll have some reference to
 15 the comment questions there.
 16 But on the comments and questions, there
 17 is a little bit of etiquette and decorum here, I
 18 guess. One speaker at a time. That helps out my
 19 lovely court reporter, Janet. She cannot -- she's
 20 trying to keep a full, complete record of everything
 21 that's discussed. It's not possible for her if
 22 there's multiple people talking. So be respectful
 23 of each other and of her trying to get us a good
 24 record and doing her job.
 25 Please state and spell your name when we

Page 32

1 have all the contact information for staff that you
 2 might need to get ahold of here in the process.
 3 But with that, we're going to open up for
 4 comments. And I've got a list here of folks that
 5 have signed up. You can still make a comment if
 6 you're not on our list. We will go around, because
 7 I want to make sure we get everybody that's
 8 interested in providing a comment today.
 9 But the first one I've got on here is
 10 Harry Tolzman.
 11 **MR. HARRY TOLZMAN:** My name is Harry
 12 Tolzman, H-A-R-R-Y, T-O-L-Z-M-A-N.
 13 I'm from Waterville, Minnesota. I live
 14 on the north side of Highway 60 approximately one
 15 mile south of Waterville.
 16 The proposed project, if implemented with
 17 the new 150-foot right of way and easement, would
 18 virtually eliminate my building site. And I can
 19 speak on behalf of my neighbors between Waterville
 20 and Elysian, which is approximately five miles, it
 21 would eliminate seven or eight building sites
 22 completely.
 23 Now, in the proposed project, there was
 24 an alternative route north of Waterville that I
 25 would prefer to see considered. And one thing that

1 was not in the alternatives was the state trail that
 2 runs from Mankato to Faribault. And that's an
 3 existing old abandoned railroad that was made into a
 4 state trail. And you already have the trail between
 5 Mankato and Faribault that should be considered as
 6 an alternative.
 7 Now, you sent out approximately 7,500
 8 notices on this project, and the combined meetings,
 9 in the next four meetings you may get comments from
 10 75 or 100 people, which is roughly one or two
 11 percent of the total people notified. I want you to
 12 consider us little people. We don't have deep
 13 pockets, we can't fight big, corporate Xcel Energy,
 14 so consider the human impact of eliminating our
 15 building sites.
 16 My buildings, I've been there for 50
 17 years, has a mature tree stand of Maples that are 50
 18 years old and this new right of way would eliminate
 19 both the buildings and the existing building site.
 20 So please consider these human impacts.
 21 **MR. RICH DAVIS:** Thank you. Next up I
 22 have Terry --
 23 No, he's waving me off.
 24 Okay. Then we'll go on to Cliff Wetzel.
 25 No? You're waving me off, too.

1 sitting there, and I have seen the geese and the
 2 beavers and everything else that would be
 3 significantly impacted by having the lines come
 4 through there and having construction that would go
 5 through, too, as well.
 6 So I've submitted comments and I'll
 7 continue to submit comments during the appropriate
 8 times and all, but as mentioned, the Sakatah Trail,
 9 that's a big impact, too, not only human, but
 10 environmental and for the wildlife.
 11 **COURT REPORTER:** How do you spell Sakatah
 12 Trail?
 13 **MS. ERIN GUENTZEL:** S-A-K-A-T-A-H,
 14 Sakatah Trail.
 15 **MR. RICH DAVIS:** All right. I have
 16 Gerald Rausch, Rochester.
 17 **MR. GERALD RAUSCH:** I think after what I
 18 heard, I can't -- I have more issues than I knew
 19 when I started so I'm going to pass for now.
 20 **MR. RICH DAVIS:** All right. That is all
 21 I have on the list of people that put their names
 22 down to speak. I'm not going to limit it to that.
 23 If anybody would like to speak or has any questions,
 24 comments, anything, now is your time to do it on the
 25 record.

1 Then I have Erin Guentzel.
 2 **MS. ERIN GUENTZEL:** I crossed my name
 3 off, but --
 4 **MR. RICH DAVIS:** Oh.
 5 **MS. ERIN GUENTZEL:** -- we were at a
 6 previous open house that was a sign-in thing, but I
 7 wanted to ask about the Sakatah Trail.
 8 So Erin Guentzel, E-R-I-N,
 9 G-U-E-N-T-Z-E-L.
 10 So we are located along the Sakatah
 11 Trail, and where it meets the County Road 27 there
 12 is a substation there. We've been there for 20
 13 years. In that time, we have seen that substation
 14 grow to more than half of the size it was when we
 15 built.
 16 We have had multiple trees along the
 17 Sakatah Trail be cut down because they already
 18 interfere with the power lines that exist. So you
 19 head towards Madison Lake, there's no shade. There
 20 used to be shade ten years ago. There's none now.
 21 When I went around towards Mankato, I can see how
 22 close the lines are getting to the trees and I can
 23 see how the trees are warped.
 24 As they go through the lake, there's so
 25 much vegetation. I saw a little family of ducks

1 Otherwise, we will be here for a little
 2 bit where you can talk to staff or with Xcel or with
 3 the State about process, if you want to. We have a
 4 couple GIS mapping stations back in the corner that
 5 look bored right now, so if you want to zoom in on
 6 any specific properties or any specific stretches of
 7 any of the line segments or anything like that to
 8 see where they go through or how they potentially
 9 impact your property or if you're thinking of
 10 submitting an alternative segment or alternative
 11 route, they can definitely help you.
 12 Oh, yep. Come on up.
 13 **MS. NANCY PREHN:** Nancy Prehn, N-A-N-C-Y,
 14 P-R-E-H-N.
 15 Mine is more at the -- well, it has to do
 16 with the possibility if you end up claiming eminent
 17 domain because nobody does want this in their yard.
 18 And I would hope that you would be fair and
 19 equitable when dealing with the eminent domain.
 20 We live in an area where our property was
 21 taken by eminent domain years ago by a utility
 22 company, and in a perfect world they would have been
 23 fair and equitable. And at the time I'm sure they
 24 thought they were, but times change, people need to
 25 be treated fair and equitable, and it's not just the

1 utility company.
2 Thank you.
3 **MR. RICH DAVIS:** Thank you. Anybody?
4 Anybody else? Comments?
5 **MR. SAM LOBBY:** I will note again, I said
6 it at the beginning, but just a reminder that
7 written comments and your verbal comments today are
8 weighted the same. So if you have something you
9 want to say, but you don't want to say it publicly
10 and you want to take the time to write it out, or
11 want to provide pictures or figures or anything like
12 that, that is just fine. And it won't be looked at
13 as less because you didn't say it in person, it will
14 be weighted the same. And the commissioners will
15 review that, along with staff, and you have until
16 August 1st for those.
17 **MR. RICH DAVIS:** That's a good point.
18 You can submit comments in writing as well, even if
19 you spoke today. If something else comes up, feel
20 free to write it up send me an email, mail it in,
21 submit it on our website, however you prefer to do
22 it.
23 And, again, grab some handouts. There's
24 a lot of information, there's a lot of people that
25 you can contact to help you out, the stuff, and

1 that's where you're going to find that info.
2 And thank you everybody for coming. If
3 there's nobody else who would like to make a
4 comment, I think we'll wrap up.
5 **MR. SAM LOBBY:** Thank you very much for
6 coming, everybody. We really appreciate your time.
7 Have a great day.
8 (Proceedings concluded at 11:58 a.m.)
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

A	<p>agenda (2) 5:24;20:24</p> <p>ago (3) 16:9;34:20;36:21</p> <p>agreement (1) 18:6</p> <p>ahead (1) 28:13</p> <p>ahold (2) 6:6;32:2</p> <p>airport (1) 15:10</p> <p>alignment (3) 15:6;18:19;27:1</p> <p>allow (1) 15:11</p> <p>almost (1) 31:12</p> <p>along (5) 15:25;29:3;34:10,16; 37:15</p> <p>alternating (1) 19:5</p> <p>alternative (24) 7:13;16:12,18;20:20; 23:4;24:18;25:21;26:1, 10,22;27:1,2,14,23;28:5, 5,10,12,23;29:5;32:24; 33:6;36:10,10</p> <p>alternatives (16) 21:1;22:4,21;23:7; 26:9,10,17,19,22;27:17; 28:15,16,17,20;29:1;33:1</p> <p>always (2) 12:22;20:9</p> <p>analysis (12) 5:11;6:14,15;8:22,23, 25;9:6,19;12:13;20:15; 26:7,23</p> <p>anticipated (1) 27:3</p> <p>anticipating (2) 17:22;18:24</p> <p>apologize (2) 13:23;23:12</p> <p>applicant (7) 10:12,17;17:5;21:15; 24:20;27:8;31:17</p> <p>applicants (1) 5:3</p> <p>application (4) 11:14;16:19;17:13,15</p> <p>applications (1) 8:4</p> <p>apply (1) 21:16</p> <p>appointed (1) 10:2</p> <p>appreciate (3) 3:7,12;38:6</p> <p>appropriate (1) 35:7</p> <p>approximately (4)</p>	<p>11:3;32:14,20;33:7</p> <p>April (2) 11:15;12:8</p> <p>area (13) 5:7,8,13;7:15,16;13:16; 15:9;18:8,14,18;20:1; 26:4;36:20</p> <p>areas (2) 19:1;23:24</p> <p>around (4) 6:17;15:9;32:6;34:21</p> <p>assessment (2) 11:22;22:19</p> <p>assist (1) 13:7</p> <p>associated (1) 25:23</p> <p>August (4) 4:16;27:5;30:6;37:16</p> <p>authorize (1) 18:5</p> <p>average (1) 19:12</p> <p>avoid (4) 7:12;21:25;23:1;25:16</p> <p>avoided (1) 23:3</p>	<p>6:15;21:4,19;22:22; 26:20;28:13;30:17;36:2</p> <p>blue (1) 5:25</p> <p>bored (1) 36:5</p> <p>both (2) 6:2;33:19</p> <p>bottom (2) 29:13,15</p> <p>breakdown (1) 20:22</p> <p>broader (1) 18:14</p> <p>brought (2) 22:22;26:19</p> <p>build (1) 11:2</p> <p>building (4) 32:18,21;33:15,19</p> <p>buildings (2) 33:16,19</p> <p>built (1) 34:15</p> <p>button (1) 29:25</p> <p>bypasses (1) 15:21</p>	<p>characteristics (1) 26:3</p> <p>Chester (1) 16:13</p> <p>Chicago (1) 27:10</p> <p>circuit (1) 19:4</p> <p>city (1) 15:21</p> <p>claiming (1) 36:16</p> <p>clear (3) 7:7;23:5;27:19</p> <p>clearing (1) 19:20</p> <p>click (1) 30:1</p> <p>Cliff (1) 33:24</p> <p>close (4) 4:16;15:4;19:20;34:22</p> <p>CN (2) 28:15;29:1</p> <p>colleague (1) 6:1</p> <p>combination (1) 15:12</p> <p>combined (1) 33:8</p> <p>coming (4) 3:7;5:18;38:2,6</p> <p>comment (23) 4:5,5,15;5:5;12:20; 21:2,10;27:5;29:7,23; 30:1,4,6,15;31:10,14,14, 15,24,25;32:5,8;38:4</p> <p>commenting (1) 30:14</p> <p>comments (37) 3:22;4:10,10,12,14; 5:20;6:19;7:10,11;8:20; 11:20,23;12:12;20:20; 21:3,9;22:3;24:3,9;25:10, 11;27:6;29:8;30:3,11,16; 31:4,5;32:4;33:9;35:6,7, 24;37:4,7,7,18</p> <p>Commerce (5) 6:13;7:22;8:7;20:14; 23:20</p> <p>Commission (18) 3:4,12;4:19,25;6:3; 7:21;8:3,15;9:25;10:1,12; 11:16;12:22;17:14; 21:21;22:8,11;28:11</p> <p>commissioners (6) 5:19,22;10:1;23:6; 28:7;37:14</p> <p>communications (1) 21:11</p> <p>communities (1) 17:19</p> <p>Company (4)</p>
B			C	
		<p>back (7) 8:24,25;9:3;12:6; 14:13;30:13;36:4</p> <p>background (1) 9:24</p> <p>based (5) 11:23;14:5,8,14;15:14</p> <p>basic (1) 5:24</p> <p>Basically (2) 18:8;26:12</p> <p>beavers (1) 35:2</p> <p>begin (3) 17:17,22;19:22</p> <p>beginning (4) 11:15;19:18;23:19; 37:6</p> <p>behalf (2) 21:21;32:19</p> <p>benefits (1) 13:14</p> <p>best (4) 5:13;7:16;28:3;30:12</p> <p>better (1) 5:8</p> <p>bias (1) 22:5</p> <p>big (2) 33:13;35:9</p> <p>bigger (1) 29:5</p> <p>bit (8)</p>	<p>call (4) 12:24;15:24;22:18; 28:2</p> <p>called (3) 10:13;23:18;24:18</p> <p>came (1) 20:17</p> <p>can (38) 4:6,9,18,20;5:9,11;6:7; 7:16;9:3,4,19;12:11; 13:13;20:4,9,18;23:6; 24:6;25:4;26:9;27:20; 28:3,5,7;30:1,7,12;31:3,9, 23;32:5,18;34:21,22; 36:2,11;37:18,25</p> <p>capacity (2) 10:15;13:14</p> <p>CapX (1) 16:9</p> <p>carried (1) 28:4</p> <p>case (2) 7:20;10:18</p> <p>certainly (1) 19:21</p> <p>certificate (5) 10:13,14;22:12;24:16; 28:14</p> <p>Cezar (1) 6:3</p> <p>change (1) 36:24</p>	

<p>6:10;11:1;36:22;37:1 compare (1) 23:7 complete (2) 8:23;30:20 completed (1) 10:24 completely (1) 32:22 completing (2) 22:15;29:9 complexity (1) 22:17 concerns (2) 21:12;25:8 concluded (1) 38:8 conclusions (1) 8:16 conduct (1) 21:20 confirmed (1) 10:2 confusion (1) 18:12 connect (1) 16:13 consider (5) 25:18;28:7;33:12,14,20 consideration (1) 7:14 considered (6) 24:24;25:3,22;26:4; 32:25;33:5 consistent (1) 10:9 consists (1) 10:1 construct (1) 28:10 constructed (2) 16:9;28:24 Construction (6) 11:8;17:22;19:14,18, 23;35:4 contact (6) 7:19;20:3;29:18;31:16; 32:1;37:25 contacting (1) 20:6 contents (2) 23:16,23 context (1) 4:24 continue (2) 17:23;35:7 Control (1) 9:17 coordinate (2) 21:6,17 corner (2) 6:1;36:4 corporate (1)</p>	<p>33:13 counts (2) 4:14,15 County (1) 34:11 couple (3) 14:1,6;36:4 course (2) 8:2;11:18 court (2) 30:19;35:11 cover (2) 4:22;9:7 covered (2) 23:13;30:9 covering (2) 5:24;7:5 creates (1) 13:16 critically (1) 5:16 crossed (1) 34:2 crossing (1) 11:7 Culbertson (1) 6:2 currently (2) 14:23;16:3 cut (1) 34:17</p>	<p>describe (1) 22:20 description (1) 18:8 detail (1) 28:25 details (1) 11:2 determined (1) 19:15 develop (2) 8:21;9:2 developed (5) 11:23;13:18;14:1,4; 19:18 developing (2) 7:1,8 development (4) 13:6,22;14:3;17:10 different (13) 7:25;9:22;10:11;15:12; 17:7;23:7;24:14,15; 28:21;29:3,4,4;31:16 direct (4) 6:7;26:7;30:12;31:5 directly (2) 20:7;21:11 directs (1) 31:18 discuss (2) 3:13;27:2 discussed (2) 24:25;30:21 discusses (1) 25:25 discussing (1) 3:20 diverge (1) 15:17 DNR (1) 17:19 docket (3) 4:19;16:18;21:10 document (2) 23:6,23 domain (4) 28:10;36:17,19,21 done (1) 16:20 double-circuit (1) 16:22 double-circuited (1) 19:1 down (5) 15:9;25:7;28:3;34:17; 35:22 draft (4) 8:25;12:4;23:18;24:25 ducks (1) 34:25 during (4) 3:21;4:3;7:23;35:7</p>	<p>E EA (1) 22:19 early (1) 17:23 easement (6) 18:4,10,22;19:8,11; 32:17 easements (2) 15:10;18:2 east (1) 16:14 economic (1) 13:21 eDockets (2) 31:19,21 EERA (1) 20:15 efficient (1) 10:5 eight (1) 32:21 EIS (15) 22:16,20;23:2,16,19; 25:4,18,22;26:5,8,23; 27:18;28:4,22;30:13 either (3) 12:15;19:6;20:18 electricity (1) 10:4 eliminate (3) 32:18,21;33:18 eliminated (1) 15:8 eliminating (1) 33:14 ELLEN (2) 13:2,3 else (5) 5:8;35:2;37:4,19;38:3 else's (2) 26:13,16 Elysian (1) 32:20 email (7) 20:4;28:2;29:18;30:2, 3,5;37:20 emailing (1) 30:4 eminent (4) 28:10;36:16,19,21 encompass (1) 18:16 end (4) 14:17;19:25;31:13; 36:16 ends (1) 30:6 end-to-end (1) 15:13 Energy (12)</p>	<p>3:15;6:10,13;13:1,4,15, 17,21;17:4;20:14;28:9; 33:13 engagement (1) 17:11 engaging (1) 21:5 engineering (1) 17:12 ensure (1) 10:5 entails (1) 7:4 environmental (30) 3:19;5:10;6:14,15;7:2, 3,9;8:8,9,21;9:6,19; 11:17,21;12:5,13,14; 18:14,17;20:15,25;21:20, 24;22:15,19,25;25:2; 28:6;31:6;35:10 equitable (3) 36:19,23,25 Erin (5) 34:1,2,5,8;35:13 E-R-I-N (1) 34:8 essentially (3) 14:22;23:15;26:15 estimated (1) 12:17 etiquette (1) 30:17 evaluate (2) 21:23;24:1 even (1) 37:18 evening (2) 4:1,4 everybody (8) 3:2;20:12;21:3;31:1,3; 32:7;38:2,6 example (2) 5:10;24:14 exist (1) 34:18 existing (11) 13:19;14:22;15:4,6,16, 25;16:8,22;26:25;33:3,19 expertise (1) 7:16 explains (1) 26:20 extra (1) 3:9</p>
D				
	<p>Dairyland (1) 17:2 dashed (1) 16:17 data (1) 25:13 Davis (9) 6:13;20:11,13;33:21; 34:4;35:15,20;37:3,17 day (3) 3:8;4:3;38:7 deadline (1) 27:5 dealing (1) 36:19 decision (7) 5:16;11:24;12:16; 22:11;23:19,21;24:25 decisions (2) 7:17;12:19 decorum (1) 30:17 deep (2) 10:25;33:12 definitely (1) 36:11 Department (7) 6:13;7:22;8:7,9;15,16; 20:14;23:20</p>	<p>discuss (2) 3:13;27:2 discussed (2) 24:25;30:21 discusses (1) 25:25 discussing (1) 3:20 diverge (1) 15:17 DNR (1) 17:19 docket (3) 4:19;16:18;21:10 document (2) 23:6,23 domain (4) 28:10;36:17,19,21 done (1) 16:20 double-circuit (1) 16:22 double-circuited (1) 19:1 down (5) 15:9;25:7;28:3;34:17; 35:22 draft (4) 8:25;12:4;23:18;24:25 ducks (1) 34:25 during (4) 3:21;4:3;7:23;35:7</p>	<p>electricity (1) 10:4 eliminate (3) 32:18,21;33:18 eliminated (1) 15:8 eliminating (1) 33:14 ELLEN (2) 13:2,3 else (5) 5:8;35:2;37:4,19;38:3 else's (2) 26:13,16 Elysian (1) 32:20 email (7) 20:4;28:2;29:18;30:2, 3,5;37:20 emailing (1) 30:4 eminent (4) 28:10;36:16,19,21 encompass (1) 18:16 end (4) 14:17;19:25;31:13; 36:16 ends (1) 30:6 end-to-end (1) 15:13 Energy (12)</p>	<p>F facilitate (1) 8:13 facilities (1) 13:19 facility (1) 24:15</p>

<p>fact (1) 8:16</p> <p>facts (1) 22:3</p> <p>fair (4) 10:6;36:18,23,25</p> <p>fairly (1) 25:18</p> <p>fall (1) 24:5</p> <p>family (1) 34:25</p> <p>Faribault (6) 14:19;15:5,7,18;33:2,5</p> <p>feasibility (1) 27:13</p> <p>federal (1) 21:7</p> <p>feedback (1) 17:11</p> <p>feel (3) 7:22,23;37:19</p> <p>feet (8) 10:21;18:10,11,21; 19:7,9,10,12</p> <p>few (1) 16:9</p> <p>field (1) 14:7</p> <p>fight (1) 33:13</p> <p>figure (1) 24:7</p> <p>figures (1) 37:11</p> <p>filed (1) 16:18</p> <p>fill (2) 29:13,15</p> <p>filling (1) 6:3</p> <p>final (3) 12:6,14,16</p> <p>find (4) 17:21;26:6,18;38:1</p> <p>findings (1) 8:16</p> <p>fine (3) 26:13,21;37:12</p> <p>First (6) 3:6,17;6:21;16:3; 28:18;32:9</p> <p>fit (1) 24:6</p> <p>five (4) 5:19;10:1;31:4;32:20</p> <p>focus (2) 24:10;31:11</p> <p>focusing (1) 23:16</p> <p>fold (1) 29:16</p> <p>folks (6)</p>	<p>3:22;7:15;13:6;20:8; 26:5;32:4</p> <p>follow (2) 15:16,23</p> <p>followed (1) 15:6</p> <p>follows (2) 15:15,20</p> <p>forth (1) 8:16</p> <p>forum (1) 9:4</p> <p>forward (4) 21:16;23:5;28:4,12</p> <p>found (1) 4:18</p> <p>foundation (1) 19:23</p> <p>foundations (1) 19:25</p> <p>four (5) 14:15,21;16:11,12;33:9</p> <p>free (3) 7:22,23;37:20</p> <p>front (1) 4:22</p> <p>full (3) 10:18;30:20;31:19</p> <p>fun (1) 29:9</p> <p>future (1) 4:23</p>	<p>gotta (1) 26:24</p> <p>government (2) 7:25;8:3</p> <p>governor (1) 10:2</p> <p>grab (1) 37:23</p> <p>great (1) 38:7</p> <p>greater (2) 10:20;13:16</p> <p>greenfield (1) 15:24</p> <p>ground (2) 7:15;13:19</p> <p>group (3) 13:5,9,12</p> <p>grow (1) 34:14</p> <p>growth (1) 13:21</p> <p>Guentzel (5) 34:1,2,5,8;35:13</p> <p>G-U-E-N-T-Z-E-L (1) 34:9</p> <p>guess (1) 30:18</p> <p>guide (1) 24:4</p> <p>guys (1) 24:7</p>	<p>Hearings (3) 8:13;12:7,9</p> <p>Heine (5) 6:10;11:1;13:1,2,3</p> <p>held (1) 11:19</p> <p>Hello (1) 3:1</p> <p>help (14) 20:18;22:8,11;23:14; 24:2,4,6,10,20;27:12; 28:3;30:11;36:11;37:25</p> <p>helpful (3) 27:21;31:8,10</p> <p>helps (5) 23:14;26:7,21;30:18; 31:2</p> <p>here's (1) 11:24</p> <p>Hicks (1) 20:16</p> <p>high (3) 6:22;10:14,19</p> <p>highly (2) 3:11,11</p> <p>Highway (1) 32:14</p> <p>hit (1) 12:12</p> <p>hold (1) 26:2</p> <p>hope (1) 36:18</p> <p>hopefully (1) 7:6</p> <p>hour (1) 6:17</p> <p>house (4) 4:8;26:12,13;34:6</p> <p>houses (1) 14:6</p> <p>human (6) 21:23;22:24;25:2; 33:14,20;35:9</p>	<p>7:10,12;17:16;21:24, 25;22:10,17,25;23:2,3; 24:1,3;25:3,5,17,23; 26:18;27:3;28:8;33:20</p> <p>implemented (1) 32:16</p> <p>important (4) 5:6,16;7:17;25:9</p> <p>improve (1) 13:15</p> <p>include (2) 7:13;23:21</p> <p>included (3) 16:19;27:18;28:6</p> <p>includes (2) 18:14;28:20</p> <p>including (1) 4:7</p> <p>independent (2) 10:7;13:11</p> <p>individual (1) 25:8</p> <p>industries (1) 10:3</p> <p>info (1) 38:1</p> <p>inform (1) 9:19</p> <p>information (20) 3:17;4:23;6:21;7:20; 9:18;11:17;14:3;20:3,8; 23:10;25:5;26:6;27:20; 29:13,20;31:13,16,17; 32:1;37:24</p> <p>informed (1) 22:11</p> <p>infrastructure (2) 13:22;18:23</p> <p>initial (4) 14:2,4;16:19;21:10</p> <p>initially (1) 15:5</p> <p>input (4) 3:11;5:15;23:14;26:5</p> <p>install (3) 16:7;19:19,24</p> <p>insulators (1) 19:2</p> <p>intended (1) 27:8</p> <p>interchangeably (1) 18:4</p> <p>interest (2) 10:9;25:7</p> <p>interested (4) 5:4,6;15:1;32:8</p> <p>interfere (1) 34:18</p> <p>intersect (1) 9:20</p> <p>into (4) 10:25;26:23;30:2;33:3</p> <p>invited (1)</p>	
	G	H			
	<p>gas (1) 10:4</p> <p>geese (1) 35:1</p> <p>general (2) 20:2;23:24</p> <p>generate (1) 24:19</p> <p>generation (1) 29:2</p> <p>Gerald (2) 35:16,17</p> <p>gets (7) 5:17;17:16,18;18:13; 19:18,21;31:2</p> <p>GIS (1) 36:4</p> <p>gives (1) 31:13</p> <p>giving (2) 11:1;25:10</p> <p>goal (1) 22:7</p> <p>goes (4) 15:22;17:20;23:4; 29:16</p> <p>Good (3) 3:2;30:23;37:17</p>	<p>half (2) 6:17;34:14</p> <p>hand (1) 12:25</p> <p>handed (1) 4:21</p> <p>handout (3) 27:22;29:9;31:23</p> <p>handouts (1) 37:23</p> <p>happen (3) 11:25;12:7,17</p> <p>happened (1) 14:9</p> <p>happens (2) 8:23;28:24</p> <p>Harry (3) 32:10,11,11</p> <p>H-A-R-R-Y (1) 32:12</p> <p>head (1) 34:19</p> <p>hear (1) 31:3</p> <p>heard (2) 7:3;35:18</p> <p>hearing (1) 8:14</p>	I		
			<p>idea (1) 5:12</p> <p>identified (6) 13:10,12;14:15;16:21; 17:9;18:13</p> <p>identifies (2) 23:1,24</p> <p>identify (2) 21:24;26:24</p> <p>impact (15) 3:19;7:2,3,9;8:9;12:5, 14;18:17;22:15;26:16,25; 31:7;33:14;35:9;36:9</p> <p>impacted (1) 35:3</p> <p>impacts (20)</p>		

<p>8:25 involved (3) 8:1;9:12,23 Island (4) 14:19,20;15:19;16:15 issuance (1) 22:12 issue (3) 12:4;23:17,20 issued (2) 12:15;17:16 issues (2) 8:4;35:18 items (1) 25:7</p>	<p>10:22 larger (2) 14:12,16 last (1) 14:9 Lastly (1) 8:11 late (1) 17:23 later (3) 7:20;8:11,14 law (3) 8:12,16;12:10 lead (3) 6:4;13:4,5 leading (1) 17:5 leave (2) 4:8;31:23 length (4) 7:24;10:16,21;19:9 less (2) 4:14;37:13 lets (1) 25:11 limit (2) 31:4;35:22 Line (27) 3:14;6:23;10:15,19; 11:4,5,5,7;14:23,24;15:7, 11,15,16,21,22,25;16:12, 17,23;17:2;18:11;19:7; 24:23;27:10;29:3;36:7 lines (7) 15:12,14;16:5;21:21; 34:18,22;35:3 list (5) 23:2;29:23;32:4,6; 35:21 little (17) 4:24;6:14;8:18;9:24; 11:11;19:12;21:4,19; 22:22;26:20;28:13,21; 29:25;30:17;33:12; 34:25;36:1 live (6) 5:7,13;7:15;26:6; 32:13;36:20 LOBBY (5) 3:1,3;5:25;37:5;38:5 local (3) 17:19;25:7;26:5 located (4) 14:23;15:11;18:5; 34:10 location (1) 18:6 locations (1) 19:4 Logan (4) 20:16;23:18;27:15; 29:11 long (2)</p>	<p>11:12;12:3 look (13) 8:19;9:1;21:22;22:3,4; 23:22,23;24:6;25:4; 28:19;29:6;31:19;36:5 looked (4) 22:9;24:24;28:8;37:12 looking (9) 13:23;20:23,24;23:25; 25:13;26:17,21;27:16; 29:2 looks (1) 22:24 lot (9) 9:22;12:19;23:11;25:4, 5;26:10,14;37:24,24 lovely (1) 30:19</p>	<p>6:17;25:12 meant (1) 24:2 meet (4) 24:13,20;27:7,11 meeting (9) 3:5,17;4:12;6:18,20; 9:5;27:25;28:1;29:8 meetings (7) 3:23;4:6;11:17,19; 21:5;33:8,9 meets (1) 34:11 mention (1) 24:17 mentioned (10) 9:14;12:21;16:2,11,25; 18:3;21:6;22:14;28:18; 35:8 met (1) 20:17 methods (3) 7:11;25:15,16 mic (1) 31:1 Midcontinent (1) 13:10 might (8) 9:18,19;20:16;21:12; 24:5,6;25:14;32:2 mile (2) 10:16;32:15 miles (1) 32:20 mind (1) 11:11 Mine (1) 36:15 minimize (5) 7:11;21:25;23:1;25:16, 22 Minnesota (9) 3:3;8:5;9:17,25;10:16; 11:7;17:3;20:14;32:13 minutes (1) 31:4 MISO (1) 13:10 mission (1) 10:5 Mississippi (3) 3:14;11:6;14:21 mitigate (4) 7:12;21:25;23:2;25:16 mitigates (1) 27:2 mobilized (1) 19:21 months (2) 8:22;12:2 more (18) 4:1,22;6:5;7:6;9:7,24; 10:16,20;11:1;12:24;</p>	<p>13:15;17:20;18:8,15; 22:22;34:14;35:18;36:15 morning (1) 3:2 most (4) 5:6;14:25;31:8,10 mostly (1) 15:15 much (7) 5:18;18:21;27:20;29:5; 31:7;34:25;38:5 multiple (2) 30:22;34:16 Municipal (1) 17:4 myself (1) 27:15</p>
J				N
<p>Janet (2) 30:19;31:2 job (1) 30:24 judge (3) 8:12;9:8;12:10 July (1) 12:15 June (2) 11:16;12:15</p>		M		
		<p>Madison (1) 34:19 mail (1) 37:20 mailing (1) 30:4 main (1) 23:24 maintain (2) 29:20;31:4 making (4) 5:16;7:17;27:16,19 manage (1) 8:7 Mankato (7) 3:13;11:6;15:3,9;33:2, 5;34:21 manner (1) 10:8 many (1) 30:7 map (4) 14:12;15:13;25:13; 27:19 Maples (1) 33:17 mapping (2) 14:3;36:4 maps (2) 14:10;25:4 March (1) 12:2 materials (1) 19:22 matting (1) 19:19 mature (1) 33:17 may (5) 7:12;21:9,13;24:23; 33:9 maybe (2)</p>	<p>names (1) 35:21 Nancy (2) 36:13,13 N-A-N-C-Y (1) 36:13 narrows (1) 19:10 Natural (2) 9:16;10:4 near (1) 11:7 necessarily (1) 29:4 need (15) 10:13,14,17,23;13:12; 16:6;22:12;24:14,16; 27:7,11,12;28:14;32:2; 36:24 needs (2) 10:12;24:21 negotiating (1) 17:17 neighbors (1) 32:19 neutral (1) 22:2 new (5) 11:2,4;13:21;32:17; 33:18 next (7) 6:12;25:20,25;29:7,22; 33:9,21 nobody (2) 36:17;38:3 no-build (1) 28:23 nominal (1) 10:19 none (1)</p>	
K				
<p>keep (2) 30:8,20 Kellogg (2) 11:7;14:21 kilovolt (3) 11:3,4,5 kilovolts (2) 10:15,20 kind (9) 8:18;13:5;14:14;17:7; 20:24;21:6;24:4;26:7; 28:17 kinds (2) 7:18;29:9 knew (1) 35:18 kV (14) 3:14;14:23;15:6,15,16, 20,22;16:4,5,12,22; 18:11;19:6,10</p>				
L				
<p>Lake (2) 34:19,24 land (2) 13:4;19:16 landowner (1) 18:7 landowners (3) 17:17;19:16;25:8 language (1)</p>				

<p>34:20 north (5) 11:8;15:14,19;32:14,24 note (3) 4:10;28:22;37:5 notices (1) 33:8 notifications (1) 31:20 notified (1) 33:11 notify (1) 21:14 number (2) 20:5;29:19 numbers (1) 4:20</p>	<p>13:11 opportunities (2) 4:4;12:20 opportunity (2) 5:5;6:25 opposite (1) 16:5 orange (1) 14:18 order (1) 10:10 Otherwise (1) 36:1 out (27) 3:7,8;4:5,22;7:22;12:3; 14:1,5;15:5;17:21;20:9; 21:9;23:2,8;24:7;25:6,12; 26:6;29:13,15;30:12,18; 31:2,12;33:7;37:10,25 outreach (1) 17:20 over (12) 3:18;6:1;12:18,25; 14:9,20;15:19;23:17,18; 24:25;26:12;29:10 overseen (1) 9:8 oversight (1) 10:7 overview (2) 14:13;18:1 own (1) 9:2</p>	<p>past (1) 14:2 Paul (1) 30:5 people (10) 14:25;30:13,22;31:12; 33:10,11,12;35:21;36:24; 37:24 percent (1) 33:11 perfect (1) 36:22 period (5) 4:15;17:14;27:5;30:6; 31:14 permit (8) 6:23;10:17,21;12:16; 13:5;17:12,16;22:13 permits (4) 8:4;10:23;17:19;21:14 permitted (2) 5:17;10:11 permitting (3) 6:24;9:13;18:16 person (3) 4:1,2;37:13 phone (2) 20:5;29:19 phones (1) 12:22 pick (2) 28:11;31:23 picture (1) 29:6 pictures (1) 37:11 Pine (4) 14:19,20;15:19;16:15 place (2) 5:13;6:8 placed (1) 17:24 places (1) 19:19 plan (1) 11:25 planned (1) 11:8 planning (1) 13:12 Please (3) 30:25;31:4;33:20 plenty (3) 3:21;4:4,16 pockets (1) 33:13 point (3) 15:4;16:6;37:17 points (1) 14:14 pole (3) 18:25,25;19:3 poles (3)</p>	<p>16:8;19:8,23 Pollution (1) 9:17 portion (5) 3:21;14:24;15:7,21; 16:3 portions (1) 17:1 possibility (1) 36:16 possible (4) 16:22;29:2;30:21;31:7 potential (12) 7:10,12;21:23;22:10, 17,24;24:1,3;25:2,5,16,23 potentially (2) 24:22;36:8 Power (5) 17:2,4;24:19;28:9; 34:18 prefer (2) 32:25;37:21 preference (2) 4:11;22:7 Prehn (2) 36:13,13 P-R-E-H-N (1) 36:14 preliminary (2) 14:5;17:11 prepare (1) 8:8 present (1) 12:11 presentation (1) 3:18 previous (2) 14:9;34:6 previously (1) 28:18 primarily (1) 20:25 print (1) 31:12 printouts (1) 4:21 prior (1) 23:19 probably (1) 17:23 Proceedings (1) 38:8 process (23) 6:23;7:24;8:1,8,14; 9:12,13;10:18;11:13; 12:24;13:25;14:9;17:5,6, 9;18:16,20;19:15;20:7, 19;27:24;32:2;36:3 professional (1) 10:7 project (66) 4:18;5:8,17;6:4,7,9,11, 22;7:11;8:10,11,17;9:21;</p>	<p>10:10,12,24;11:9;13:7,8, 9,22;14:13,17,17;16:10, 23,25;17:8;20:1,3,4,5; 21:10,14,16;22:1,6,6,10, 14,16,21,25;23:9;24:1,14, 15,17,20,21;25:3,6,17,24; 26:4;27:8,9,12;28:20,24; 29:19,24;31:20;32:16,23; 33:8 projects (4) 5:2;6:24;7:18;13:9 properties (1) 36:6 property (3) 26:16;36:9,20 proposed (21) 3:15;6:9,22;7:10;8:9, 17;11:5;13:8;14:7,11; 22:21,25;24:21;25:3,17, 23;26:4,25;28:25;32:16, 23 proposing (3) 6:11;7:13;11:2 provide (9) 4:24;6:19,21,25;8:15; 10:7;22:3;23:10;37:11 provided (1) 20:8 providers (1) 10:8 providing (2) 7:19;32:8 Public (27) 3:3,16,23;4:18,25;5:1, 7,20;6:2;7:21;8:2,14,9,4, 25;10:9;11:16;12:7,9,20, 21;17:3,10;21:5;22:8; 23:14;24:9;29:21 publicly (1) 37:9 published (1) 9:1 PUC (3) 5:19;8:8;17:13 purpose (2) 6:20;27:8 put (6) 26:12;28:12;29:12,16; 30:13;35:21</p>
O				
<p>objectively (1) 21:23 obtain (1) 17:18 obviously (4) 13:20;28:2;29:8;30:5 occurring (1) 26:25 October (2) 11:22;12:1 off (4) 29:14;33:23,25;34:3 Office (1) 8:12 official (2) 9:9;10:22 officially (1) 9:13 old (2) 33:3,18 once (4) 8:23;17:16,21;19:15 one (31) 3:25;4:2,3,3,10;5:5; 10:13,16;12:6;13:23; 14:18,25;15:2,3,13;16:4, 16;17:24;18:25;20:18; 22:6;25:20;26:24;29:12, 22;30:18;31:11;32:9,14, 25;33:10 ones (2) 4:7;14:10 online (2) 14:4;29:23 only (2) 12:9;35:9 onto (1) 31:19 open (4) 14:6;21:2;32:3;34:6 operating (1) 16:4 Operator (1)</p>	<p>page (1) 29:24 Panait (1) 6:4 paper (1) 29:10 part (7) 3:18;7:8;9:13;13:9; 14:16;16:9;27:13 partially (2) 15:16,20 participate (1) 7:1 particular (1) 23:3 parties (2) 5:5,6 partly (1) 11:23 partners (3) 16:21;17:1,6 parts (1) 14:17 party (1) 22:2 pass (1) 35:19</p>	P		
Q				
R				

<p>reach (3) 7:22;20:9;21:9</p> <p>read (3) 24:11;29:14;30:10</p> <p>real (1) 20:22</p> <p>really (9) 3:7,7;7:17;14:16; 18:15;24:9;27:11;30:11; 38:6</p> <p>reasonable (1) 10:6</p> <p>recently (1) 16:18</p> <p>recommendation (1) 27:17</p> <p>recommendations (3) 8:17;21:13;27:16</p> <p>recommending (1) 21:1</p> <p>record (5) 9:9;30:20,24;31:19; 35:25</p> <p>reduce (1) 26:18</p> <p>reference (1) 30:14</p> <p>Referring (1) 26:9</p> <p>regarding (2) 21:13;22:12</p> <p>region (1) 13:18</p> <p>regional (2) 13:11,21</p> <p>regulate (1) 10:3</p> <p>regulation (1) 10:8</p> <p>regulations (1) 9:20</p> <p>release (1) 11:24</p> <p>reliability (1) 13:16</p> <p>relocated (1) 16:6</p> <p>relocation (1) 14:22</p> <p>remain (1) 23:9</p> <p>reminder (2) 30:11;37:6</p> <p>renewable (1) 13:17</p> <p>report (1) 8:15</p> <p>reporter (2) 30:19;35:11</p> <p>represent (1) 6:11</p> <p>representatives (1) 21:8</p>	<p>representing (1) 5:3</p> <p>require (1) 10:21</p> <p>required (3) 10:14;17:19;21:15</p> <p>requirement (1) 9:22</p> <p>resource (2) 22:17;25:5</p> <p>Resources (2) 9:16;23:25</p> <p>respect (1) 31:5</p> <p>respectful (1) 30:22</p> <p>rest (1) 6:17</p> <p>restoration (1) 19:25</p> <p>Review (10) 6:14;8:8;10:18;14:7; 17:13;20:15,25;21:20; 28:6;37:15</p> <p>reviewing (1) 17:15</p> <p>reviews (1) 8:3</p> <p>Rich (13) 3:20;6:13;7:4;8:6;9:7; 20:11,13;33:21;34:4; 35:15,20;37:3,17</p> <p>right (17) 6:8;11:18;13:19;17:10; 18:4,7,9;19:7,11,21; 29:16,22;32:17;33:18; 35:15,20;36:5</p> <p>rights (2) 13:4;19:17</p> <p>River (3) 3:14;11:6;14:21</p> <p>Road (1) 34:11</p> <p>Rochester (5) 11:8;16:14,14;17:3; 35:16</p> <p>role (1) 20:24</p> <p>roughly (1) 33:10</p> <p>rounds (1) 14:6</p> <p>route (40) 6:23;7:13;8:4;10:17, 21;15:13,15,16,19,23,24; 16:12,16,17;17:10,12,17, 21;18:13,20;22:13,18; 23:4,4;25:21;26:9,10,11, 18,22;27:1,10;28:12,12, 16;29:3,5,5;32:24;36:11</p> <p>routes (13) 7:13;14:4,5,7,10;15:8; 17:15;19:15;20:21;23:7;</p>	<p>25:21;26:1;27:24</p> <p>routing (2) 13:25;14:2</p> <p>rules (1) 9:20</p> <p>run (1) 11:6</p> <p>runs (1) 33:2</p> <hr/> <p style="text-align: center;">S</p> <hr/> <p>safe (1) 10:5</p> <p>Sakatah (6) 34:7,10,17;35:8,11,14</p> <p>S-A-K-A-T-A-H (1) 35:13</p> <p>SAM (7) 3:1,2;5:25;13:2;21:5; 37:5;38:5</p> <p>same (6) 4:13,15;14:23;18:10; 37:8,14</p> <p>saw (1) 34:25</p> <p>saying (2) 18:10;30:8</p> <p>scheduled (1) 11:9</p> <p>scope (8) 7:1,4,8;11:23;23:15; 27:18;30:12;31:6</p> <p>scoping (6) 11:17,24;21:1;23:18, 21;24:25</p> <p>screen (1) 24:10</p> <p>second (2) 12:9;16:7</p> <p>section (2) 29:14,15</p> <p>sections (1) 26:11</p> <p>segment (18) 14:18,19,20,21;15:2,3, 18,20,23;16:1,2,3,7,11, 16;22:6;23:4;36:10</p> <p>segments (8) 7:14;14:14,15;19:6; 25:21;26:11,22;36:7</p> <p>selected (2) 17:18;28:5</p> <p>self-explanatory (1) 25:19</p> <p>Senate (1) 10:3</p> <p>send (1) 37:20</p> <p>sense (1) 11:12</p> <p>sent (1) 33:7</p>	<p>separate (2) 11:4;14:15</p> <p>September (1) 12:17</p> <p>seriously (1) 5:20</p> <p>service (4) 10:3,8;11:10;17:24</p> <p>services (1) 10:6</p> <p>set (1) 12:9</p> <p>setting (1) 8:15</p> <p>seven (1) 32:21</p> <p>several (4) 7:25;8:22;12:2;13:6</p> <p>shade (2) 34:19,20</p> <p>shape (1) 23:15</p> <p>share (1) 5:21</p> <p>shifting (1) 26:15</p> <p>shirt (1) 5:25</p> <p>shorter (1) 19:12</p> <p>shown (3) 14:18;15:14;16:16</p> <p>side (9) 16:4,5,8;19:2,3,6; 28:22;29:12;32:14</p> <p>sign (1) 31:20</p> <p>signed (2) 20:18;32:5</p> <p>significantly (1) 35:3</p> <p>sign-in (1) 34:6</p> <p>similar (1) 17:7</p> <p>simply (1) 25:13</p> <p>single (3) 18:25,25;19:4</p> <p>site (4) 8:4;13:13;32:18;33:19</p> <p>sites (2) 32:21;33:15</p> <p>siting (1) 13:4</p> <p>sitting (1) 35:1</p> <p>size (5) 22:16;24:14;28:21; 29:3;34:14</p> <p>slide (7) 9:11;25:25;26:20; 28:19,22;29:7;31:13</p>	<p>slides (2) 4:23;6:16</p> <p>smaller (1) 22:18</p> <p>snapshot (1) 8:18</p> <p>soil (1) 19:17</p> <p>soliciting (1) 8:20</p> <p>somebody (2) 26:13,16</p> <p>sometimes (1) 18:3</p> <p>sources (2) 5:10,11</p> <p>south (1) 32:15</p> <p>southeast (1) 16:13</p> <p>southern (3) 15:15,23;17:3</p> <p>spans (2) 19:8,11</p> <p>speak (4) 20:18;32:19;35:22,23</p> <p>speaker (1) 30:18</p> <p>specific (7) 17:21;18:4,19;20:6; 24:16;36:6,6</p> <p>specifically (1) 20:5</p> <p>spell (2) 30:25;35:11</p> <p>spoke (1) 37:19</p> <p>spoken (1) 4:11</p> <p>St (1) 30:5</p> <p>staff (4) 31:16;32:1;36:2;37:15</p> <p>staged (1) 19:22</p> <p>staggered (1) 19:5</p> <p>staking (1) 19:17</p> <p>stamp (1) 29:16</p> <p>stand (1) 33:17</p> <p>start (2) 11:9;19:17</p> <p>started (1) 35:19</p> <p>starts (1) 15:2</p> <p>state (14) 8:5;9:11,22;10:2; 18:19;20:7,8,19;21:7,14; 30:25;33:1,4;36:3</p>
---	---	---	--	---

<p>stated (1) 24:13</p> <p>statement (9) 3:20;7:2,3,9;12:5,15; 18:17;22:15;31:7</p> <p>statements (1) 8:9</p> <p>State's (1) 6:22</p> <p>stations (1) 36:4</p> <p>steel (1) 18:24</p> <p>still (1) 32:5</p> <p>straight (1) 30:2</p> <p>strategies (2) 21:24;23:1</p> <p>stretches (1) 36:6</p> <p>structures (4) 14:24;18:24;19:13,24</p> <p>studied (2) 8:21;12:13</p> <p>study (9) 5:12;11:21,25;12:4; 16:20,24;18:14;28:23,23</p> <p>studying (1) 17:15</p> <p>stuff (4) 14:3;20:7;29:10;37:25</p> <p>style (1) 18:25</p> <p>submit (5) 4:9;29:25;35:7;37:18, 21</p> <p>submitted (4) 11:14;17:12;27:4;35:6</p> <p>submitting (1) 36:10</p> <p>Substation (6) 15:3,4;16:13,15;34:12, 13</p> <p>suggest (4) 26:1;27:14,23;31:22</p> <p>suggested (2) 22:5;26:19</p> <p>suggesting (1) 27:1</p> <p>suggestion (1) 26:14</p> <p>summary (2) 5:9,11</p> <p>supervisor (1) 27:15</p> <p>supporting (1) 13:20</p> <p>sure (8) 5:4;18:16;23:12;24:11; 31:3,25;32:7;36:23</p> <p>surveys (1) 19:17</p>	<p>System (6) 13:11,15;24:18;28:15, 20;30:2</p> <p style="text-align: center;">T</p> <p>table (7) 20:17;23:15,17,23; 25:1;27:22;29:11</p> <p>talk (3) 6:14;9:4;36:2</p> <p>talking (5) 3:19;18:2,9;28:17; 30:22</p> <p>team (1) 13:7</p> <p>technical (1) 21:8</p> <p>telephone (1) 10:4</p> <p>ten (1) 34:20</p> <p>Terry (1) 33:22</p> <p>Thanks (1) 13:2</p> <p>thinking (1) 36:9</p> <p>third (1) 22:2</p> <p>thought (1) 36:24</p> <p>thoughts (1) 9:2</p> <p>three (7) 9:14;10:3;14:20;16:2, 3,7;19:3</p> <p>throughout (1) 12:23</p> <p>Thursday (2) 4:2;11:19</p> <p>timeline (2) 11:12;17:8</p> <p>times (4) 14:2;30:7;35:8;36:24</p> <p>timing (1) 28:21</p> <p>titled (1) 27:23</p> <p>today (24) 3:7,12,13,16,24,25;4:5; 5:21,24;6:3,5,10;8:19; 9:5;11:18,20;12:9;15:1; 29:8;31:24,25;32:8;37:7, 19</p> <p>today's (2) 3:4;6:20</p> <p>Tolzman (3) 32:10,11,12</p> <p>T-O-L-Z-M-A-N (1) 32:12</p> <p>tomorrow (1) 4:1</p>	<p>ton (1) 28:25</p> <p>top (2) 29:13,25</p> <p>topics (1) 30:11</p> <p>total (1) 33:11</p> <p>tough (1) 26:14</p> <p>towards (2) 34:19,21</p> <p>town (1) 15:22</p> <p>trail (9) 33:1,4,4;34:7,11,17; 35:8,12,14</p> <p>Transmission (12) 3:14;6:23;10:15,19; 11:3,5;13:12;15:25; 21:20;24:23;27:10,23</p> <p>Transportation (1) 9:16</p> <p>treated (1) 36:25</p> <p>tree (2) 19:19;33:17</p> <p>trees (3) 34:16,22,23</p> <p>Trevor (2) 6:1,6</p> <p>tribes (1) 21:8</p> <p>try (3) 22:8;23:5;30:8</p> <p>trying (6) 21:22,22;23:9;26:17; 30:20,23</p> <p>tune (1) 26:21</p> <p>two (9) 3:24;4:1,3;10:11,22; 14:19;15:18,24;33:10</p> <p>type (3) 24:15,19;28:21</p> <p>types (2) 9:17;10:23</p> <p>typical (1) 19:14</p> <p>typically (2) 19:7,9</p> <p style="text-align: center;">U</p> <p>ultimately (1) 15:13</p> <p>unbiased (1) 23:10</p> <p>under (1) 4:19</p> <p>unique (1) 26:3</p> <p>unit (4)</p>	<p>8:3;20:15,16;21:11</p> <p>units (1) 8:1</p> <p>up (22) 4:20;7:7;9:10;20:1,18; 21:2;29:16;30:5,13;31:1, 1,9,20,23;32:3,5;33:21; 36:12,16;37:19,20;38:4</p> <p>upgrades (1) 13:18</p> <p>use (1) 18:3</p> <p>used (3) 10:23;22:9;34:20</p> <p>useful (1) 7:17</p> <p>using (1) 14:3</p> <p>usually (1) 18:25</p> <p>Utilities (10) 3:3;4:19,25;6:2;7:21; 8:2;9:25;12:22;17:3,6</p> <p>utility (6) 10:6,8;16:21;18:5; 36:21;37:1</p> <p style="text-align: center;">V</p> <p>valued (1) 3:11</p> <p>variety (1) 13:14</p> <p>vegetation (1) 34:25</p> <p>vehicles (1) 19:20</p> <p>verbal (2) 29:8;37:7</p> <p>version (1) 17:8</p> <p>versus (2) 4:11;22:18</p> <p>via (1) 14:3</p> <p>virtual (2) 4:3,7</p> <p>virtually (1) 32:18</p> <p>voice (1) 5:1</p> <p>voltage (4) 6:22;10:14,19,20</p> <p style="text-align: center;">W</p> <p>walks (1) 27:24</p> <p>warped (1) 34:23</p> <p>Waterville (5) 3:25;32:13,15,19,24</p> <p>waving (2)</p>	<p>33:23,25</p> <p>way (9) 18:7,9;19:7,11,21; 24:19;30:14;32:17;33:18</p> <p>ways (4) 24:13;26:18;29:2,17</p> <p>website (7) 4:19;20:4;29:19,23,24; 31:18;37:21</p> <p>Wednesday (1) 4:2</p> <p>week (2) 3:24;11:18</p> <p>weighted (3) 4:12;37:8,14</p> <p>welcome (5) 6:5;7:6;12:24;20:11,17</p> <p>west (1) 16:14</p> <p>western (1) 17:1</p> <p>Wetzel (1) 33:24</p> <p>what's (1) 22:9</p> <p>whole (2) 7:24;14:13</p> <p>wider (1) 18:21</p> <p>width (3) 18:13,21;19:8</p> <p>wildlife (1) 35:10</p> <p>Wilmarth (2) 15:2,7</p> <p>wires (1) 19:3</p> <p>within (2) 23:5;27:4</p> <p>work (2) 6:2;18:7</p> <p>worked (2) 16:20;19:16</p> <p>working (3) 17:2;18:19;20:20</p> <p>world (1) 36:22</p> <p>worry (1) 4:13</p> <p>wrap (1) 38:4</p> <p>wrapping (1) 20:1</p> <p>write (3) 4:14;37:10,20</p> <p>writing (3) 5:21;25:11;37:18</p> <p>written (5) 4:9,10,11,15;37:7</p> <p style="text-align: center;">X</p> <p>Xcel (9)</p>
---	--	---	---	---

3:15;6:9;11:2;13:1,3; 17:4;28:9;33:13;36:2	20-mile (1) 11:4		
Y	22-532 (1) 4:20		
yard (1) 36:17	23-157 (1) 4:20		
year (3) 11:15;12:18;14:9	26th (1) 11:16		
years (6) 16:9;33:17,18;34:13, 20;36:21	27 (1) 34:11		
Yep (2) 13:3;36:12	3		
Z	300 (2) 10:15;19:12		
zoom (1) 36:5	345 (8) 3:14;11:3,5;14:24; 16:5,8;18:11;19:6		
1	5		
1,000 (1) 18:21	50 (2) 33:16,17		
100 (4) 10:20;18:11;19:10; 33:10	500 (1) 19:12		
11:58 (1) 38:8	6		
115 (3) 15:6,15;16:4	60 (1) 32:14		
1200 (1) 19:9	69 (3) 15:16,20,22		
130-mile (1) 11:3	7		
150 (2) 18:10;19:7	7,500 (1) 33:7		
1500 (1) 10:21	75 (1) 33:10		
150-foot (1) 32:17	8		
161 (9) 11:4,7;14:23;16:4,6,12, 22;18:11;19:10	80 (1) 18:11		
1st (4) 4:16;27:5;30:6;37:16	800 (1) 19:9		
2			
20 (1) 34:12			
2020 (1) 16:10			
2022 (1) 17:9			
2024 (2) 11:16,22			
2025 (4) 12:2,8,16,17			
2026 (3) 11:9;17:14,23			
2030 (2) 11:10;17:23			

In The Matter Of:

*Mankato-Mississippi River 345 kV TL Project
Info & Scoping - 22-532 & 23-157*

WATERVILLE - 7-8-24 - 6:00 P.M.

July 8, 2024

Waterville - 7-8-24 - 6:00 p.m.

Shaddix & Associates

7400 Lyndale Avenue South

Suite 190

Richfield, MN 55423

Page 1

1 SCOPING AND INFORMATIONAL MEETING - 22-532 & 23-157
 2 WATERVILLE - JULY 8, 2024 - 6:00 P.M.
 3 BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION
 4 AND DEPARTMENT OF COMMERCE
 5
 6 In the Matter of the Application of Xcel Energy
 7 for a Certificate of Need and Route Permit for the
 8 Mankato - Mississippi River 345 kV Transmission Line
 9 Project in Southeast Minnesota
 10
 11
 12 MPUC DOCKET NOS: E002/CN-22-532
 13 E002/TL-23-157
 14
 15
 16
 17 Morristown High School
 18 500 Paquin Street
 19 Waterville, Minnesota
 20
 21 JULY 8, 2024
 22
 23
 24
 25 COURT REPORTER: Janet Shaddix Elling, RPR

Page 2

I N D E X	PAGE
2 SPEAKER	3
3 Sam Lobby	14
4 Ellen Heine	21
5 Rich Davis	33
6 Renee Thompson	34
7 Unidentified	34
8 Brady Taylor	35
9 Stan Reineke	39
10 Aaron Gaylord	39
11 Vince Schwartz	39
12 Mark Morris	41
13 Fritz Cummins	44
14 Carol Overland	51
15 Renee Thompson	54
16 Colleen Peterson	56
17 Ed Westad	57
18 Dan Saybolt	58
19 Rick Vollvrecht	
20	
21	
22	
23	
24	
25	

Page 3

1 **MR. SAM LOBBY:** Good evening, everybody.
 2 I just want to get the meeting started here. I'll
 3 give folks a minute to walk up to the front if you
 4 still need to get seated. If more chairs are
 5 needed, there are folks grabbing them now for you.
 6 I'll just give them a minute and let them set the
 7 chairs up.
 8 I think we're good on chairs.
 9 All right, folks. We'll go ahead and get
 10 the meeting started here.
 11 My name is Sam Lobby, I'm with the
 12 Minnesota Public Utilities Commission. Thank you
 13 all so much for coming out tonight. Hopefully you
 14 can hear me pretty clearly. There's a little
 15 echoing, but we're in a big room.
 16 Thank you so much for coming tonight. We
 17 appreciate you taking the time to come here, we know
 18 that this is extra time out of your day to have to
 19 come to a meeting like this and learn about the
 20 project and comment. So I just want to let you know
 21 how important it is for the Commission to have the
 22 public that lives in the area of a project to come
 23 and share your comments and ask questions and share
 24 concerns. Hearing from you all is a critically
 25 important piece to having these permits being

Page 4

1 issued.
 2 So there's a lot of different parties
 3 involved, but we really want to hear from you, from
 4 the public. And just so you know, I always like to
 5 let folks know that five commissioners will make a
 6 final decision on this permit. They really care a
 7 lot about what the public is saying.
 8 We have a court reporter today taking an
 9 official record, and the commissioners do actually
 10 go through and read your comments. So if you have
 11 something to say today, it will be reviewed and
 12 heard. So we really appreciate the time you have
 13 taken to coming today, so thank you.
 14 Today we are here to discuss the Mankato
 15 to Mississippi River 345 Kilovolt Transmission Line
 16 Project that is proposed by Xcel Energy.
 17 Tonight this is one of several different
 18 meetings that's going to go on throughout the course
 19 of this entire project that's going to be a little
 20 over a year long, but this is one of those meetings.
 21 And tonight the meeting is to, first of
 22 all, give you information about the project and then
 23 give you all an opportunity to ask questions and
 24 make comments and things like that. Your questions
 25 and comments will help us to guide the environmental

Page 5

1 analysis that we're going to be looking at for this
2 project, so that's what tonight is about.
3 We have public meetings all week. We had
4 one earlier today in Mankato and then we have the
5 one tonight. We're going to have two more tomorrow
6 at the same times in different locations along the
7 route. And then we have one on Wednesday evening
8 and then on Thursday we have two virtual meetings.
9 The meeting notice that was sent out that
10 some of you may have received in the mail, and if
11 you didn't receive that there are copies of that up
12 front, and those have information about how to
13 access the virtual meetings and where all the
14 meetings are at in person.
15 So today there is the opportunity to have
16 your comments heard publicly. If you want to do
17 that publicly, you can come up and speak. You're
18 not required to do that. Still, if you want -- if
19 you have a comment or question, but you don't want
20 to do it publicly, you can also submit written
21 comments.
22 Just for your knowledge, the public
23 comments that you make are not weighted anything
24 differently than written comments. So some people
25 wonder if I show up to the meeting are the

Page 7

1 that come before us, we're not affiliated with any
2 developers or anything like that. We're here to
3 make sure that all the interested parties have an
4 opportunity to speak or make a comment. And as I
5 said, the public is a really important stakeholder
6 that we want to hear from because you all live in
7 the area, live where the project is going to happen,
8 so you know stuff that we don't know. And you are
9 the experts on the area, so there are things that
10 you can tell us that we wouldn't have known or
11 talked about. So that is really valuable
12 information to have, that on-the-ground expertise
13 from you all.
14 So, with that, I will go ahead and get
15 into my portion of the presentation here.
16 So just a quick overview. My name is Sam
17 Lobby. Again, I'm with the Public Utilities
18 Commission. And standing there in the back is
19 Trevor Culbertson, he is my colleague, and so we're
20 representing the PUC today.
21 The project proposer is Xcel Energy, and
22 we have Ms. Ellen Heine to represent the project.
23 And then with the Department of Commerce
24 doing the environmental review portion of this
25 project we have Rich Davis with Energy Environmental

Page 6

1 commissioners going to listen to that more than if I
2 sent you an email. And the answer is they're all
3 treated equally. So if you do have something you
4 wanted to say today and you didn't say anything, but
5 later on you think of something and you want to make
6 sure that we hear that, there's still opportunities
7 for written comments, and those comments are going
8 to close on August 1st.
9 So this project can be found on the
10 Minnesota Public Utilities Commission website under
11 the docket numbers 22-532 and 23-157. You can see
12 those up there. And there's more information in the
13 meeting notice about how you can access that online.
14 So with all that, one last thing I'll say
15 here is that the Public Utilities Commission is here
16 to give you, the public, a voice, and so you have an
17 opportunity to participate in this process. Decades
18 ago, this part of the process didn't exist, there
19 wasn't an opportunity for the public to comment.
20 And so that's what today is about, is to give you
21 all a chance to talk and to let us know what you
22 think about things. And that's, as I mentioned,
23 very valuable and necessary for us for
24 decision-making.
25 We're not for or against any projects

Page 8

1 Review and Analysis.
2 So we're going to go over our portions
3 here in the presentation and then once that is done
4 the whole rest of the meeting will be an opportunity
5 for you to come up to the microphone and ask
6 questions and make comments.
7 So the purpose of this meeting is, first
8 of all, to provide information about this proposed
9 project as well as information about the State's
10 high voltage transmission line route permit process
11 and how we actually permit these things.
12 It's also an opportunity to participate
13 in developing the scope of the environmental impact
14 statement. If you're not familiar with what an
15 environmental impact statement, Rich is going to
16 talk more about that, but essentially the scope is
17 what we're going to study on the ground and that's
18 what we're trying to develop tonight, and so
19 comments from you all can help us to shape what will
20 actually be studied.
21 So some of the things that might be
22 commented on would be potential impacts of the
23 proposed project as well as commenting on methods to
24 minimize, mitigate, or avoid potential impacts. And
25 that may include, potentially, if you have an idea

Page 9

1 to proposing an alternative route or route segment
 2 for consideration. So those are some ideas to give
 3 you an idea how we determine the scope of the
 4 environmental impact statement.
 5 We'll also provide contact information in
 6 case there are questions later. So just a note,
 7 Trevor and I at the Public Utilities Commission are
 8 filling in for the main lead for this project today,
 9 his name is Cezar Panait. So this is an overview on
 10 the process, so if you're going to be following
 11 this, Cezar is going to be the main person you can
 12 contact. With that said, I'm still involved, so if
 13 you have any questions at any point for myself or
 14 for Trevor at any time, we'd be happy to help you
 15 out.
 16 So the government units that are involved
 17 in this process are, of course, the Public Utilities
 18 Commission. We are the government unit that reviews
 19 applications and issues site and route permits in
 20 Minnesota.
 21 There's also the Department of Commerce
 22 that Rich works for and they manage the
 23 environmental review process for the Commission and
 24 will prepare an environmental impact statement on
 25 the proposed project.

Page 11

1 confirmed by the State Senate.
 2 We regulate three service industries,
 3 electricity, natural gas, and telephone. Our
 4 mission is to ensure safe, adequate, and efficient
 5 utility services at fair and reasonable rates. And
 6 we also provide independent professional oversight
 7 and regulation in a manner that is consistent with
 8 the public interest.
 9 So the requirements for this project.
 10 There's a couple. There's different technical terms
 11 that we use for the permitting process, and so those
 12 two important terms that we'll use for this, that
 13 the Company needs to get, are called a certificate
 14 of need and a route permit. So you'll hear those
 15 terms come up.
 16 A certificate of need is something that
 17 is required for any high voltage transmission line
 18 with a capacity of 300 kilovolts or more and with
 19 more than one mile in length in Minnesota. And a
 20 route permit is required for any high voltage
 21 transmission line operating at a nominal voltage of
 22 100 kilovolts or more and greater than 1500 feet in
 23 length.
 24 So this is just a quick overview of what
 25 the project is, and I won't get too deep into that

Page 10

1 There is also an administrative law judge
 2 from the Office of Administrative Hearings who will
 3 facilitate a public hearing later on in this process
 4 and provide a report to the Commission setting forth
 5 findings of fact, conclusions of law, and
 6 recommendations on the proposed project.
 7 And then there will also be, but not
 8 mentioned on the slide, these are going to be the
 9 three main state agencies directly involved in this
 10 process, but there will also be, you know, comments
 11 or, you know, working with other state agencies like
 12 the DNR or the Minnesota Department of
 13 Transportation or Pollution Control Agency or if
 14 there are other agencies that there's some
 15 permitting requirement or something like that, that,
 16 you know, if the transmission line is going to go
 17 near a public road, a Department of Transportation
 18 road, they might have permits that they need the
 19 Company to comply with. So there's other state
 20 agencies that could also potentially be involved.
 21 Just the makeup of the Minnesota Public
 22 Utilities Commission. There's about 80 people who
 23 work there, with staff members like myself included.
 24 And the commissioners themselves, there are five
 25 commissioners that are appointed by the governor and

Page 12

1 because Ms. Heine with Xcel will be talking about
 2 that Xcel is proposing to build a new approximately
 3 130-mile 345 kilovolt transmission line and a
 4 separate new 20-mile 161 kilovolt line. The
 5 proposed 345 kV line will run from Mankato to the
 6 Mississippi crossing near Kellogg, Minnesota. And
 7 the 161 kilovolt line will be built north of
 8 Rochester. Construction is planned to start in 2026
 9 and it is scheduled to be in service by 2030.
 10 So with that in mind, here is a snapshot
 11 of the timeline of how this happened and how long
 12 this takes and the different points throughout the
 13 permitting process.
 14 So, as I mentioned, it is a long process.
 15 The application was submitted in April of 2024 and
 16 it was accepted by the Commission on June 26th of
 17 2024. The next line there is the public information
 18 meetings, which is where we're at now, so that's
 19 this week. So as I kind of mentioned, part of the
 20 meeting today is to develop the scope of the
 21 environmental impact statement. So that is part of
 22 what Rich will explain more of. But part of that is
 23 determining the scope, as you all provide us input
 24 on the stuff you think we should be studying on the
 25 ground. So you're helping us to shape what

Page 13

1 direction that study goes and so that's what is
2 happening this week.
3 And then once we have determined a
4 scoping decision of what will officially be studied,
5 and then the scoping decision will come out in
6 October of 2024. Once the scope is determined, the
7 study will commence and that's a months-long
8 process, October to March.
9 So then in March of 2025 that draft will
10 be issued. It will be made publicly available so
11 you all can take a look at that and you'll have it
12 for a couple weeks to be able to review that and
13 look at that and see does this meet the things that
14 I brought up or things like that.
15 And so then this is the important part.
16 Then once that is issued, then in April of 2025 we
17 will hold another public hearing just like this in
18 this location, so the same thing as this today,
19 where you're giving us ideas of how to shape the
20 scope of the study. The study will then be released
21 and you'll have time to review it, and then that
22 public hearing in April of 2025.
23 At that time, then, that's your
24 opportunity to give us feedback on what was actually
25 done in the study that was done and at that time

Page 15

1 here. Adding capacity for increasing renewable
2 energy on the system, and also reliability and
3 resiliency for the area here in the Upper Midwest.
4 This creates greater access to more renewable energy
5 to be able to get on the system. It also is to
6 upgrade and update the system as part of that, and
7 then it does support, through doing that work it
8 helps support the regional economic growth in the
9 area.
10 And so just a brief overview of the
11 routing process that led to the lines that you see
12 on the map. Just what we've done when we developed
13 the routes. Initially, and it's a multistep
14 process, a lot of it was done via mapping tools
15 initially that shows different route alternatives.
16 And then once we had those preliminary alternatives
17 and some other information that we had, we did some
18 field verification. And then we had two rounds of
19 open houses last year as well, and feedback from the
20 public. So based on all of that information that we
21 looked at and got the routes defined, and that's the
22 ones that you see in the proposed routes there.
23 So just an overview of the whole project.
24 A number of you probably saw that in the maps back
25 there. The segments that are shown in orange on the

Page 14

1 there will be an administrative law judge who will
2 actually be overseeing it to make sure everything is
3 done in the scope of the law and the way it's
4 supposed be done. It's an official process. So at
5 that point then you will have an opportunity to give
6 us feedback on everything, you know, the other
7 things that you think should have been done and that
8 kind of thing.
9 Then once we've done that process, the
10 final environmental impact statement will be issued
11 in June or July of 2025, and the Commission's final
12 decision on whether or not this project gets
13 permitted will come in September of 2025.
14 So, with that, I will go ahead and pass
15 it along to Ms. Heine with Xcel Energy.
16 **MS. ELLEN HEINE:** Thank you.
17 I am Ellen Heine with Xcel Energy, and
18 I'll give you a brief overview of the proposed
19 project here.
20 So this project is serving a variety of
21 different purposes. This was identified by MISO as
22 a needed project, the Midcontinent Independent
23 System Operator. Basically, they identified this as
24 a project that's necessary for the region.
25 And it does a variety of things as noted

Page 16

1 map are alternatives of each and it was broken up
2 into four segments.
3 So segment one is from Mankato to
4 Faribault, the second is from Faribault over to Pine
5 Island and to the North Rochester substation.
6 Segment three is from the North Rochester substation
7 to the Mississippi River. And then segment four is
8 actually the 161 kV line that is essentially being
9 relocated off of the structures that segment three
10 is located on where it's currently double-circuited
11 with that 345 line there.
12 So I'll give you a little more detail
13 here.
14 Segment one, we're right now in the
15 middle of that here in Waterville. And as you can
16 see in there, it's a little bit of a web of lines
17 where essentially there's kind of a route that would
18 follow an existing 69 kV line that runs along there,
19 along Highway 60. There's some areas where we are
20 routing off of that because it goes through, the 69
21 kV line goes through some towns and there's just not
22 room to fit a 345 line in there. The north route
23 mostly followed an existing 115 kV line that comes
24 from more of the substation to Faribault. There is
25 a segment of that north route where we run it south

Page 17

1 and then along the 69 kV line between Eagle Lake
 2 because there's some restrictions in the Mankato
 3 airport area on structures.
 4 And then segment two from the west
 5 Faribault substation over to North Rochester, the
 6 north route on segment two, other than the portion
 7 that's right in town also follows the 69 kV line, a
 8 double-circuit for a portion of that, and the south
 9 route of segment two is more where it follows routes
 10 and property lines, but there is not an existing
 11 transmission line along that section.
 12 And then segment three, that's the --
 13 there's an existing 345 kV transmission line there
 14 and that was part of the CapX 2020 project, so that
 15 portion of the line, we're not proposing an
 16 alternative to that line, because when that was
 17 permitted at the time, the PUC permitted that with
 18 the assumption it would be double-circuit in the
 19 future at some point. But at the time it was
 20 constructed, that first segment to that 161 kV line
 21 was double-circuited with that 345 kV line and so
 22 that line needs to be replaced in a different
 23 location and that is segment four.
 24 So the segment four is actually finding a
 25 new home for the 161 kV line that is going to be up

Page 19

1 So we did submit the project as it was
 2 identified by MISO in 2022. During this period, '23
 3 and '24, we did the route development through
 4 stakeholder meetings and public outreach, and we
 5 submitted our application to the Public Utilities
 6 Commission. So that was earlier this year and now
 7 we're in the review period.
 8 And so during this, 2024 to '26, as Sam
 9 and Rich will talk more about, too, is the process
 10 with the PUC and doing the environmental study. And
 11 then at the point where the PUC permits this,
 12 assuming a permit is issued, then we would negotiate
 13 with landowners to secure easements once it's
 14 determined which routes are selected, and any other
 15 permits that are needed from the DNR or other
 16 agencies at that point after we know which route it
 17 would be. So there's continued stakeholder and
 18 public engagement throughout that process.
 19 And we're anticipating construction
 20 beginning in early '26 and finishing up in early
 21 2030, and then the line would be placed in service.
 22 And we do have a slide here just kind of
 23 covering the working with landowners. The right of
 24 way is the term that's used to talk about the area
 25 on the land where the line would go. There's a lot

Page 18

1 the road from the structures with the 345 kV. So
 2 there are a few different segments for segment four.
 3 And also to note, there's a dashed line that runs
 4 through the middle of that one that wasn't on the
 5 initial application, but we filed, just recently
 6 filed that as an additional route to be studied
 7 during scoping. Because after doing some review
 8 initially, our information was that we couldn't
 9 double-circuit that existing line there, and after
 10 doing some additional evaluation work we determined
 11 that that was possible, so we've included that as a
 12 route to have Rich study in the environmental
 13 review.
 14 Just to note, we do have project partners
 15 on this project. We, Xcel Energy, are developing
 16 and doing the permitting process, but Dairyland
 17 Power, Rochester Public Utilities, and Southern
 18 Minnesota Municipal Power also are co-owners of
 19 segments three and four of the project so they will
 20 all own those portions of the project.
 21 And Dairyland Power also is developing a
 22 permit for a related but separate 161 kV line over
 23 near Kellogg.
 24 And then this is just a high level
 25 schedule of our anticipated process.

Page 20

1 of different types of right of way, but the easement
 2 is actually the specific contract with the landowner
 3 for the right of way that we get. So I just wanted
 4 to note that they get used interchangeably a lot,
 5 but they're not exactly the same terms, so I just
 6 wanted to provide that for a little more
 7 information. And just to note that an easement area
 8 sometimes trisects there, but there are certain
 9 things that are still within a transmission line
 10 easement.
 11 Okay. So the infrastructure that we're
 12 talking about, the anticipated design, would be the
 13 steel structures, single-pole structures, typically.
 14 On occasion, on like a sharp angle there will be two
 15 full structures, but for the most part it will be a
 16 single steel pole. And the typical height for a
 17 345 kV line is 100 to 120 feet. The right of way
 18 width typically for a 345 kV segment would be 150
 19 feet, so 75 feet to either side of the centerline,
 20 and the spans between poles are from 800 to 1200
 21 feet normally. The 161 kV line right of way is 80
 22 to 100 feet, so it's smaller. And then the typical
 23 span length for those is 300 to 500 feet and that
 24 also depends on the terrain.
 25 And so the construction process is at the

Page 21

1 point where we've worked through the easement and
 2 gotten the permits that we need, and then typically
 3 they do survey staking, and do self surveys and full
 4 bores to characterize the area, and then they start
 5 with the access, creating access for some clearing
 6 to get to the right of way in the installed
 7 construction areas that are set and then mobilize
 8 equipment.
 9 And then they start with foundation
 10 construction, and then follow through by installing
 11 the structures, a new conductor. And then
 12 restoration includes coming through after that's all
 13 installed and remove and basically restore the land
 14 and remove anything that's construction debris and
 15 clean up those areas. So that's kind of in a
 16 nutshell what it looks like.
 17 And we've got some contact information
 18 here for the project. We've got a project website
 19 and that's got a bunch of information as well that
 20 you see here, and then the contact email and phone
 21 number are included on there, and we can get that
 22 for you later. I think there's copies available in
 23 the back and so it's on there.
 24 That's my last slide.
 25 **MR. RICH DAVIS:** All right. As Sam

Page 23

1 possibly minimize those, mitigate them, or avoid
 2 impacts altogether.
 3 The goal of what we do for environmental
 4 review is to help understand the project, again, for
 5 the commissioners and for the public, and also to
 6 help the commissioners make an informed decision
 7 with that information and what's being proposed.
 8 One additional thing on the environmental
 9 review. Other than these meetings, just so that
 10 everybody knows, we do, myself and my unit,
 11 depending on the project, we coordinate with other
 12 agencies as well. So DNR, MnDOT, PCA, federal
 13 agencies, as well Fish and Wildlife Service, and we
 14 try to coordinate with local agencies as well as
 15 county and townships or cities to get input from
 16 them on projects. And then we take that into
 17 consideration as we develop the scope and go into
 18 the environmental review as well. So we're
 19 coordinating with them to try to get their input and
 20 comments as well as these public meetings.
 21 So as part of our environmental review,
 22 as Sam mentioned, we prepare an environmental impact
 23 statement, or an EIS is what it's referred to as.
 24 With that, we will -- with that document, we
 25 describe the proposed project and any alternatives

Page 22

1 mentioned, I'm Rich Davis, I'm with the Minnesota
 2 Department of Commerce. I'm the environmental
 3 review manager for our Energy Environmental Review
 4 and Analysis unit, or EERA is what we're referred to
 5 as.
 6 Next slide.
 7 Just a real quick snapshot of my agenda
 8 for my portion of this is kind of to let you know
 9 what our role is as far as environmental review,
 10 scoping for the EIS, recommending alternatives, and
 11 kind of gives you some guidance on how to do that
 12 and how it's most helpful for you to do that. Then
 13 information on how to comment, and then we'll shift
 14 it over to taking questions and comments from the
 15 public.
 16 So a little bit of what we're looking at.
 17 Again, comments, review the environmental review for
 18 the Commission or on behalf of the Commission.
 19 We're trying to get as much of an objective analysis
 20 and view of things as we can. We're unbiased, we're
 21 looking at just facts. We don't -- we intend to be
 22 a neutral party, so we don't advocate for one
 23 project over another. We're just trying to present
 24 what potential human impacts and environmental
 25 impacts may be out there for a project and ways to

Page 24

1 that have been proposed by the applicant and also
 2 any additional alternative routes or route segments
 3 that may get put forward at any of the public
 4 meetings, or if agencies come in with any options as
 5 well. When we're doing an EIS, we're looking at any
 6 potential human and environmental impacts and so
 7 we're looking at various resources on the ground
 8 that could be impacted by the project that's going
 9 on. We identify strategies to avoid, minimize, and
 10 mitigate those impacts, if we can.
 11 A big part of it is we also list the
 12 impacts that can't be avoided with certain routes so
 13 that the commissioners know when they're making
 14 their decision if there's certain impacts or certain
 15 areas around that may be going through these areas,
 16 impacts are going to occur and there's no way we can
 17 avoid them so they can look at those different
 18 options and weigh them against each other. Again,
 19 we do not advocate for or against the project as
 20 part of this process.
 21 And this is at that table where you
 22 walked in back here, it's a draft scoping decision.
 23 And if you flip towards the back of that document,
 24 there is actually a list of some of the resources
 25 and the major groupings that we look at as we're

Page 25

1 looking at potential impacts of projects. So if you
2 have questions or comments or concerns about what is
3 being looked at and don't know if something is being
4 addressed, feel free to comment on it, obviously.
5 But that gives you some direction as to what the
6 categories are that we are -- that's our baseline
7 for an EIS. We obviously want to expand on that if
8 there's any questions or certain resources that
9 folks don't think we're hitting on or addressing.
10 Now, I will apologize, there is a lot of
11 text on some of these slides, but I want to make
12 sure that we are getting the same information out at
13 every meeting, so I will be reading through most of
14 them just to make sure that info is out there.
15 As far as scoping for the EIS, which I
16 just mentioned with our scoping decision document
17 there, the scope is essentially the table of
18 contents of what will be looked at in the EIS and
19 will be analyzed, will be evaluated. And your
20 comments tonight, or if you send in written
21 comments, can help us structure that.
22 Because we can pull up maps, we can look
23 at data for all kinds of things, wetlands, wildlife,
24 threatened and endangered species, where people's
25 houses are, we can find all those things on maps.

Page 27

1 need and not be this transmission line. It's a big
2 picture question, I understand that.
3 But, more specifically, what potential
4 human and environmental impacts of the proposed
5 project should be considered in the EIS? Are there
6 any methods to minimize, mitigate, or avoid
7 potential impacts of the proposed project that
8 should be considered in the EIS? So if you have
9 some ideas of how to get around something, some of
10 that might be a route alternative or a route segment
11 alternative, which I'll discuss a little bit more.
12 But any ideas how to get around potential impacts
13 are welcome to suggestions so that we can look at
14 them when we're doing our analysis.
15 Are there any alternative routes or route
16 segments that address or mitigate potential impacts
17 associated with the proposed project? And are there
18 any unique characteristics of the proposed project
19 area that should be considered in the EIS? Again,
20 we want local information. Things that we aren't
21 going to see in just an overview of a map or some
22 database.
23 So specifically on the route alternative
24 side of things, another handout, everybody loves
25 handouts. It's back on that table. How to suggest

Page 26

1 But you are the folks that live out here and you may
2 know of things that have local significance that we
3 can't find on a map or that we might not see. Or
4 specific things on your property that you might have
5 a concern or a question about if a certain route is
6 selected. That's the kind of stuff that we really
7 want you to help us, you know, whittle down and get
8 as much detail as we can into those things that come
9 up.
10 So these are just some questions to think
11 about as you're trying to develop comments or
12 mention resources or items of concern that could
13 potentially be impacted.
14 Are there other ways to meet the stated
15 need of the project? For example, a different size
16 project or a different type of facility? That
17 question gets specifically at certificate of need,
18 like Sam had mentioned. And that's not necessarily
19 looking for a route alternative, which I'll talk
20 about in a minute, but that's looking more at system
21 alternatives. So the best way to develop this
22 project and meet the need of the project, this
23 transmission line, that's a question of should there
24 be a generating facility put somewhere else that
25 could take care of this project or could meet the

Page 28

1 alternative transmission line routes. This is kind
2 of a -- excuse me -- kind of a big part of
3 suggesting alternatives is being able to describe
4 what the anticipated impact is. And you're welcome
5 to do it. I could have everybody in the room come
6 up and say I don't want it by my house because of
7 this, put it over by this place. And that doesn't
8 provide me with a lot of context. Because now we're
9 just shifting that impact possibly to somebody
10 else's house or to somebody else's property.
11 So when you're developing -- if you want
12 to propose a route alternative or a route segment
13 alternative, be looking at it from that perspective
14 of being able to identify what that impact is or
15 that potential impact when you suggest something.
16 And then provide some context on how that
17 alternative mitigates what's being proposed for the
18 project.
19 Again, suggesting it must be submitted on
20 time, August 1st is the end of the written comment
21 period. It has to meet the need of the project. So
22 you can't, you know, does the Applicant have a
23 specific location they want to go to to meet the
24 need of what they're proposing? I can't have you
25 propose an end point in Chicago because it doesn't

1 accomplish what's needed at the project level.
 2 And feasibility. Which feasibility when
 3 an alternative will come in, that will it be
 4 something that I'll work with the Applicant on and
 5 talking with them if things are feasible or not.
 6 The additional info on the slide is
 7 important to understand because sometimes we can't
 8 carry all the alternatives forward. Whether it's
 9 feasibility related, if it doesn't meet the need of
 10 the project, if it's not clear how it would minimize
 11 or mitigate an impact through a resource, or if
 12 what's provided to us for a route alternative
 13 location or a route segment alternative location, if
 14 we can't capture that on a map or be able to
 15 illustrate it, it's very tough for us to actually
 16 analyze the impacts that could come from that
 17 alternative.
 18 So we want those route alternatives to be
 19 detailed. There is GIS stations in the back. I
 20 know some folks stopped there. They can pull up
 21 maps for you, zoom in on parts of the route, zoom in
 22 on your property so you can look at specific areas
 23 and identify potential alternatives in there.
 24 Again, those alternatives have to come in to me, it
 25 can't just be left on the back at the table back

1 contact information. There's space at the bottom
 2 that you can fill in what your comments and concerns
 3 are. Those questions that I mentioned earlier are
 4 on there. You fold it up, put a stamp on it, and it
 5 goes right to me.
 6 You can comment online on our web page.
 7 There's a project-specific web page for this
 8 project. If you go on there, if you click on it,
 9 and you're on the page for the project there will be
 10 a Submit Comment button right at the top of it, you
 11 click on that, you fill that out, I get an email,
 12 and it tells me that a comment has been submitted
 13 through the system and then I have it that way. You
 14 can mail it to me, and you can obviously send an
 15 email as well.
 16 Again, August 1st is the end of the
 17 comment period. I suggest everybody grab one of
 18 these sheets from that table if you think you're
 19 potentially going to provide a comment in writing
 20 because that has additional contact information for
 21 myself or the project website on it.
 22 Then I'm not going to read through them
 23 this time, but these are those same questions that I
 24 had mentioned before for topics that really help
 25 hone the scalp of what we're looking at in the EIS

1 there.
 2 If an alternative is put forward and it
 3 goes through the EIS, there is the opportunity or
 4 there is the potential that Xcel Energy would be
 5 given eminent domain to construct that alternative
 6 if the commissioners determine that that is the best
 7 route to go through. So that's just something to
 8 keep in consideration as you're going through the
 9 process.
 10 A little bit on CN alternatives. Again,
 11 these are referred to as system alternatives rather
 12 than route alternatives. And it has to do with a
 13 project that is of a different size, type, and
 14 timing.
 15 Right now the EIS will study a no-build
 16 alternative, so essentially if you don't -- if they
 17 don't construct the project, what the outcome and
 18 the impact of that is, essentially looking at the
 19 grid from a reliability standpoint and needing to
 20 move electricity across the landscape.
 21 Next slide.
 22 How to comment. Verbal comments today,
 23 if you'd like to speak. You can complete and submit
 24 a comment sheet, they are back on that table. This
 25 is very simple. You can fill out your name, your

1 and potential impacts of the project.
 2 The next slide.
 3 And comments and question section, the
 4 etiquette side of things. Our lovely court reporter
 5 over here can only type what one person says at a
 6 time, and we're trying to get as good of a record as
 7 we possibly can, so I ask that only one person is
 8 speaking at a time. I don't think that will be a
 9 problem. Please state and spell your name when you
 10 come up to the mic here to give your comment.
 11 To start with, we'll try to limit
 12 comments to five minutes. I'm not going to really
 13 keep a close eye on the clock, we have plenty of
 14 time. If we need to we can go back through again
 15 for multiple comments from individuals.
 16 Maintain respect for one another and try
 17 to direct your comments and questions towards those
 18 scoping questions and topics that I had for the EIS
 19 there.
 20 This slide has questions, it has a bunch
 21 of contact information on it, it has the project web
 22 page on it, how to find the full eDocket case for
 23 the certificate of need and the transmission line
 24 for the route permit -- excuse me, and how to
 25 subscribe to the docket so you get updates and

Page 33

1 everything else. This packet is at that table with
2 all the slides in it. If you're looking for an
3 overall slide on how to get ahold of people or
4 information from this meeting, this is a pretty good
5 one to refer to.
6 All right. And with that, I've got a
7 list here. I forgot to mention, the man in the
8 light green shirt right back there, he was at the
9 table when you walked in, that is Logan Hicks, he's
10 also an environmental review manager with our unit
11 so he can help you out with questions or comments
12 that you may have. He gave me a sheet here of some
13 folks that -- there are a lot of maybes on here,
14 that might want to speak -- but we'll go through
15 them and give you the option to speak. If you're
16 not on here, if you didn't sign up, you can still
17 speak, but this gives me somewhere to start.
18 Is it Renee Thompson?
19 **MS. RENEE THOMPSON:** Yeah.
20 **MR. RICH DAVIS:** Well, don't sound so
21 thrilled about it.
22 **MS. RENEE THOMPSON:** I signed up, but I
23 wasn't sure.
24 **MR. RICH DAVIS:** I'm not going to force
25 you to come up and say anything.

Page 35

1 within 75 feet of our home, a pre-Civil War home.
2 It's an older foundation. It's been in our family
3 since '69, and it was in a previous family for 112
4 years. And I grew up there, my mom grew up there,
5 and we've been preserving the place and restoring it
6 ever since I was a little kid.
7 And my wife and I have plans, we have two
8 little ones, both under two. And based on ten
9 acres, and it's roughly a quarter mile stretch of
10 highway past our place, to maintain the road right
11 of way, and I always think about the trash. I've
12 got a set of power lines right in my yard and there
13 is a wetland in our yard, too.
14 But, yeah, it would be devastating to us
15 if we had to lose our home and start somewhere else.
16 It's a major concern for us.
17 So that's all I have to say. Thank you.
18 **MR. RICH DAVIS:** Thank you.
19 It looks like we got -- is it Stan
20 Reineke? Am I saying that right?
21 **MR. STAN REINEKE:** My name is Stan
22 Reineke, S-T-A-N, R-E-I-N-E-K-E. And I actually
23 represent many landowners' family, we've got a LLC.
24 But with Xcel, if you go the north route,
25 that gets us property, some wood property. If you

Page 34

1 **MS. RENEE THOMPSON:** Okay.
2 **MR. RICH DAVIS:** But when other folks
3 comment on here, if you decide you'd like to, you
4 can.
5 I've got a Peterson on here, is it
6 Darrell?
7 **MR. DARRELL PETERSON:** I'd better not.
8 **MR. RICH DAVIS:** Okay. That's a fair
9 comment. I'll have you make that decision, not me.
10 **UNIDENTIFIED:** You've got a volunteer
11 right here.
12 **MR. RICH DAVIS:** Are you on the list?
13 **UNIDENTIFIED:** Yes, as a maybe.
14 **MR. RICH DAVIS:** Aaron?
15 **MR. AARON GAHLOR:** No.
16 **MR. RICH DAVIS:** No.
17 You can go, I'll let you start us off.
18 You're electrifying, apparently, or something.
19 **MR. BRADY TAYLOR:** Hello. Well, I thank
20 you for the opportunity to voice my concerns. My
21 name is Brady Taylor, B-R-A-D Y, T-A-Y-L-O-R.
22 My wife and I live on Highway 60, 8789
23 State Highway 60, just couple miles out of town, and
24 our home is directly in the right of way. It
25 doesn't look like it on the map, but it is. It is

Page 36

1 go the south route you're going to get us into
2 wetland. The existing one you have the rights to,
3 no problem. But the other one that I got concerns
4 with is the soils piece.
5 When is and where does what you could
6 call respect for the drainage systems for farmers?
7 The preview and the damage that will be done on
8 them, on the line, I don't care if you're in the
9 road right of way or not, we have legal tile systems
10 in the road right of way. We went through this with
11 the telephone company, which you guys manage. They
12 damaged a bunch of our drainage systems in the road
13 right of way. I didn't see any of that.
14 Who is responsible for damaging the
15 draining systems? It can be huge. There are a lot
16 of other easements, but a lot of the older ones, you
17 know, who has to fight them before you start driving
18 across the property. And, like I said, with the
19 phone company, we got those fixed. And then the
20 recording of the easements, are they going to be
21 recorded, then, with the Company, you said? And it
22 goes with the land?
23 **MS. ELLEN HEINE:** Yeah.
24 **MR. STAN REINEKE:** So I think you
25 mentioned that stray voltage. Is that part of it?

Page 37

1 I've heard about that stray voltage from some of the
2 newer lines that have been put up.
3 **MR. RICH DAVIS:** We will look at -- I can
4 address that a little bit. We will look at
5 electromagnetic field, or EMF. Stray voltage is
6 usually with something that's not totally grounded
7 from a distribution line, so a smaller transmission
8 line that's bringing power into a house or into a
9 farm or something like that. We don't see a lot of
10 stray voltage issues with the big lines, but EMF
11 will be looked at.
12 **MR. STAN REINEKE:** But I'm more concerned
13 with the drainage system. You start dragging this
14 equipment across our family and other neighbors, you
15 may cross 70, 70 and 80 acres. We got enough
16 problem with farming damaging the tile, let alone
17 some of the big stuff that will go across.
18 **MR. RICH DAVIS:** As far as the drainage
19 side of things, I can tell you that the state permit
20 requires the permittee or the Applicant has to
21 identify all of those and if there's damage they're
22 required to repair them. Usually they have a
23 construction contractor that's dealing with that,
24 and they're required to have that repaired. And
25 there's a process where complaints can be brought in

Page 39

1 **MR. RICH DAVIS:** I've got Aaron, is it
2 Gayland?
3 **MR. AARON GAYLORD:** Gaylord. I have
4 nothing right now.
5 **MR. RICH DAVIS:** Okay. And next I have a
6 Vince Schwartz.
7 **MR. VINCE SCHWARTZ:** Nothing.
8 **MR. RICH DAVIS:** Mark Morris?
9 **MR. MARK MORRIS:** Mark Morris, M-A-R-K,
10 M-O-R-R-I-S. And I live on 440th Avenue, which is a
11 southern alternative route.
12 I have land in the next alternative
13 route, it's kind of more south in the Highway 60
14 area.
15 So my question, I guess, is where you
16 have a line existing already on the northern route,
17 is there reason to believe that that would not be
18 used as a route? I realize it was put with single
19 poles, and once they're there, I also farm around
20 those poles, and I would rather farm around a single
21 pole than a double pole.
22 But is there a reason why that one we
23 looked at, I know they're taller poles, maybe an
24 existing line on one side and a line on the other,
25 is there a reason why that wouldn't be chosen

Page 38

1 if it's not done correctly.
2 **MR. STAN REINEKE:** And then add to that
3 going on, do they come back and drive across the
4 easement, and they damage at the end and is this
5 perpetual, you got to fix the damaged tile again?
6 **MR. RICH DAVIS:** Any damage to the tiles
7 is covered --
8 **MR. STAN REINEKE:** I'm not talking
9 construction, I'm talking years down when they fix
10 it and do it again.
11 **MR. RICH DAVIS:** I understand, from
12 maintenance activities and stuff.
13 **MR. STAN REINEKE:** I guess that's all I
14 got. It's a huge project.
15 So thank you.
16 **MR. SAM LOBBY:** And just on that note,
17 too, as far as the actual permit, if a permit is
18 issued, one of the attachments in it is complaint
19 handling procedures. So that lists out, if you are
20 somebody and if you're having trouble and you're not
21 getting the answers you want, you can come directly
22 to the Public Utilities Commission and there's a
23 process for that that's laid out, just so you're
24 aware of that.
25 **MR. STAN REINEKE:** Thank you.

Page 40

1 because that's already in place?
2 **MR. RICH DAVIS:** I'm going to let
3 Ellen --
4 **MR. MARK MORRIS:** Maybe that's the wrong
5 question for this.
6 **MR. RICH DAVIS:** No, that's fine. I just
7 would like them, just because they're looking at it
8 as well from a safety standpoint and maintenance of
9 equipment, that kind of thing.
10 **MS. ELLEN HEINE:** I guess just for
11 clarification, are you saying a reason why they
12 would get the north route versus the south route?
13 **MR. MARK MORRIS:** Actually, the opposite.
14 Why would you put in another new route when you have
15 an existing one that you could use by replacing the
16 poles because you've already got easements.
17 **MS. ELLEN HEINE:** Okay. Yeah, and this
18 area, there is a combination of, like, the north
19 route mostly follows that existing 115 kV line, the
20 two-pole structures, and that's one of the routing
21 criteria that we follow, is to follow existing
22 corridors. But we also have to provide route
23 alternatives and so we looked at a number of
24 different options.
25 And parts of the south route would be

1 following an existing 69 kV line, but it doesn't
2 always because it is going through some towns and
3 stuff and so at some places it can't. So there's a
4 couple route alternatives, but we also follow the
5 north one because that's an existing corridor and
6 that would logically be a good place.
7 **MR. MARK MORRIS:** That's my only comment.
8 So thank you for allowing us to speak, I
9 appreciate it.
10 **MR. RICH DAVIS:** Thank you.
11 Fritz Cummins.
12 **MR. FRITZ CUMMINS:** Fritz Cummins,
13 F-R-I-T-Z, C-U-M-M-I-N-S.
14 I'm here on behalf of Waterville
15 Township, and 440th Avenue, which is a line between
16 Waseca County and Le Sueur County, and Waterville
17 Township and La Sueur Township.
18 What side of the road are they going to
19 go on? Are they going to go on the Waseca or
20 Le Sueur side of the road? You know, you guys, you
21 ask for a 150-foot easement, okay, and the road is
22 only 66-foot wide, so if you put the pole, is the
23 pole in the township ditch or is the pole on private
24 property? And if you need a 150-foot easement,
25 you're going to have to come across the road into

1 crossing permits that we acquire. That would be
2 later on once we know the route, but the easement
3 would be for each property.
4 **MR. FRITZ CUMMINS:** The question is
5 you're going to have easements, you're going to have
6 to pull easements for both sides of the road in
7 order to get a 150-foot easement because the road is
8 only 66 feet.
9 **MS. ELLEN HEINE:** Typically, it would be
10 offset from the road on the property, so it would be
11 setback so that the 75 feet wasn't all the way to
12 the other side of the road, it would typically be
13 placed on that side.
14 **MR. FRITZ CUMMINS:** It would be that far?
15 **MS. ELLEN HEINE:** It would be set back a
16 bit.
17 **MR. FRITZ CUMMINS:** I don't think you can
18 do it because you'll be in somebody's house. I
19 mean, it's something you have to look at. Because
20 on 440th there's some homes that are pretty close to
21 the roadway, and if you set back enough to get the
22 150 feet, just taking the township road plus the
23 property, you're going to be sitting right close to
24 somebody's house, and you're going to have to look
25 at that situation, you know, that's all.

1 Le Sueur County if they're in Waseca County and vice
2 versa, and get an easement from both landowners,
3 right?
4 **MR. RICH DAVIS:** Correct. Anybody that
5 would be included in the route.
6 **MR. FRITZ CUMMINS:** You know, to get
7 that, because this a line route, and it operates in
8 two different counties and it separates two
9 different townships. And I'm sure the townships
10 don't get no money for easements, or get an easement
11 from the power company for it if they're not on the
12 property, right?
13 **MR. RICH DAVIS:** Correct. I would have
14 to defer to some of our -- if you have any easement
15 specifics, we don't usually, as part of our review
16 and analysis for the EIS stuff, we don't get into
17 payments and stuff like that for easements, rights
18 of way, and things like that. We don't get into
19 those negotiations or those details a lot of times.
20 **MR. FRITZ CUMMINS:** I mean, I was just
21 wondering if, you know, because you're basically
22 taking an easement off of township property.
23 **MS. ELLEN HEINE:** Yeah. Typically, and
24 I'm not the expert, but typically for a road
25 crossing it would be -- there's different local road

1 **MS. ELLEN HEINE:** Thanks.
2 **MR. FRITZ CUMMINS:** Thank you.
3 **MR. RICH DAVIS:** And just to comment on
4 that a little bit. When we're doing our
5 environmental review, we obviously will be looking
6 at what's been proposed by the Applicant as far as
7 what their anticipated alignment is, which you can
8 see on the maps and everything. And the application
9 is online and the route width that goes with that,
10 but we also look at the larger project area for
11 certain resources. So if we're outside of that,
12 what's being proposed, that kind of helps to let the
13 commissioners know if there is an option and if
14 there are impacts so that things can be shifted. We
15 try to encompass as much space as we can within the
16 project area to let the commissioners know what's on
17 the ground and what's out there.
18 And that is all I have -- well, excuse
19 me. I have to go back to the start of my list.
20 Carol Overland has requested to be
21 towards the end.
22 **MS. CAROL OVERLAND:** I am Carol Overland.
23 O-V-E-R-L-A-N-D. I'm sure you know.
24 Starting, the scope needs to be more than
25 just a table of contents, for the draft scope, just

Page 45

1 having words listed isn't enough. For example, the
2 public health and safety, including electro and
3 magnetic fields, what exactly about those is going
4 to be considered?
5 I know from experience that the modeling
6 is always off, it's always understated, and they
7 need to be sure to have the full range of amps
8 modeled, you know. I can't remember what the amount
9 is, it's at least 3,000, and typically the amount
10 that is shown in the application, the EIS, it's
11 about half that. You have to have the full range
12 there. And especially, like, my partner just went
13 through with leukemia, and a lot of studies about
14 going around, about the impacts of magnetic fields
15 on leukemia for children, and this is something that
16 needs to be considered, the full range of potential
17 magnetic fields.
18 Also, I just heard, and I'm not sure if I
19 understood this right, I just heard that you don't
20 get payments until you're doing the review, but a
21 socioeconomic issue is each alternative needs to
22 address the amount of money that jurisdictions
23 receive from a utility. Because essentially that's
24 only bribery to the parties and cities and counties
25 to accept this, because they need the revenue so bad

Page 47

1 Minnesota Energy Connection with radial lines from
2 the south up to what is the cumulative impact of all
3 of these projects. And how can they possibly need
4 all of these projects? That should not be assumed.
5 Something else I noticed, and thank you
6 to Nancy Prehn who for about the last 20 years we've
7 been dealing with issues with the Minnegasco, and
8 they were going to put a gas plant on the glass dome
9 and we stopped that and that was in 2005, 2006.
10 But in this application the gas dome was
11 not listed, it was not in the application. The
12 application was grossly incomplete. And then Xcel
13 did submit in the reply comments some information
14 about that. And that in the comments, they first
15 talked to CenterPoint in May, that's after the
16 application was submitted, and when we went -- the
17 Prehns and I spent about three hours cruising where
18 the wells are, where the monitor boxes are, and we
19 went in and talked to CenterPoint Energy and they
20 didn't know anything about it.
21 And this is in the application, it is in
22 a reply comment and it needs to be in the EIS. The
23 application should be amended to include this
24 information about the gas company looking at 13.25
25 square miles, at least, of this underground storage,

Page 46

1 and they need to take a look at what each
2 jurisdiction would receive for each of the
3 alternatives. That's an important socioeconomic
4 impact, cumulative impact, the section here that
5 sets cumulative impacts, but doesn't say what that
6 means. So like all of these one words, each
7 paragraph talk about cumulative impacts after CapX.
8 I was just talking to a gentleman earlier
9 today who has a transmission line easement and pole
10 on his property and then he has a gas pipeline going
11 through his property in this area, and there's a lot
12 of gas pipelines. And now he's looking at another
13 transmission line so now there's cumulative impacts,
14 about how a person is being affected, on the
15 families, on the landowners. Because to get all
16 this transmission, it isn't just a matter of the
17 costs, the depreciation in your property, but it has
18 a very definite impact on the people there and that
19 needs to be addressed.
20 In this case we have four lines. There's
21 this project that's in southern Minnesota, this
22 project, we have Brookings, Hampton, that's adding
23 another 345 circuit, to double-circuit that part of
24 CapX. Big Stone to Alexandria, we have the
25 Minnesota Energy Con, I call it, but it's the

Page 48

1 seven billion or more feet of natural gas. Nancy
2 Prehn always said, boom. This is something that
3 needs to be considered and needs to be in the
4 application, not just in a comment. It needs to be
5 incorporated in the application. And, of course, in
6 the EIS.
7 Something else everybody should know
8 here. Now, landowners love their land, it's their
9 home. However, when a transmission line comes
10 through, if it is decided to go through a property,
11 landowners have the option of what's called Buy the
12 Farm. And what that means is you can, when you get
13 notice that your property is going to be condemned,
14 you can let the utility know that you are electing
15 the Buy the Farm. That means they have to buy out
16 your entire property. That's 216E.12, subdivision
17 4. This is really important. And this is a
18 socioeconomic impact that should be considered in
19 the EIS. It's often not discussed in transmission
20 proceedings, and it's very important that people
21 know their rights, that they have a right to this,
22 and that's crucial.
23 So that's it for today. I'll have some
24 more for tomorrow. Thank you.
25 **MR. RICH DAVIS:** Thank you. I would like

1 to respond to a couple of those things. With
2 respect to what's in our -- this is, again, a draft,
3 this isn't a scoping decision. We include a table
4 of contents to direct where things are and what is
5 in there and what's going to be included for topics.
6 We discuss how those things are analyzed and what's
7 looked at in the EIS itself because that's where
8 that information is provided and that's where it
9 goes. It's not really a scoping decision or scoping
10 document if we're including portions of the EIS in
11 the scope. And that's pretty typical and pretty
12 standard for the way that these documents are
13 prepared.

14 And as far as including, with respect to
15 easement payments --

16 **MS. CAROL OVERLAND:** No, not easement
17 payments, personal property tax and things.

18 **MR. RICH DAVIS:** Correct. My statement
19 earlier, Carol, was about landowner easements, and
20 payments to possibly the county or the township. We
21 might include that on a large scale like for the
22 entire portion within a county or a township in the
23 EIS, but we can't get into individual locations.
24 That's what my statement was about, where we can
25 respond to questions or comments that come up.

1 mean, and realistically, that dome starts at 200
2 feet below the ground, so I don't know what exactly
3 we're going to analyze for that.

4 **MS. CAROL OVERLAND:** And we did submit
5 comments that had sensitivity information on that in
6 April and we'll gladly submit some more. And also
7 CenterPoint should be called in to submit
8 information and be subpoenaed into the contested
9 case to discuss this because they didn't know it,
10 but I'll gladly provide any information you need.
11 Nancy Prehn goes way back to 1965 or even earlier
12 and we have a lot of information on it.

13 **MR. RICH DAVIS:** Okay. Thank you.
14 You changed your mind?

15 **MS. RENEE THOMPSON:** Always progress,
16 right?

17 So Renee Thompson, I live on Halstead
18 Avenue, and this would be in regards to the southern
19 route in Morristown that runs along 260th Street.

20 You were talking about EMF,
21 electromagnetic fields, but didn't want to say much
22 about stray voltage. But I was discussing it with
23 one of your representatives here tonight, and I
24 can't remember which gentleman it was, but was
25 saying that, like, if it were to come near our area

1 **MS. CAROL OVERLAND:** There's a
2 misunderstanding here. And what I'm referring to is
3 the EIS should include a socioeconomic impact. The
4 personal property tax payments for the sections that
5 are proposed.

6 **MR. RICH DAVIS:** So similar to what we do
7 for wind projects, then in the applications how we
8 provide input as to what the county is paid, the
9 taxpayer --

10 **MS. CAROL OVERLAND:** Yes. That's close
11 to that. Thank you.

12 **MR. RICH DAVIS:** Okay. And just to
13 address the gas dome question, I know that's come
14 up, or the comment on that has come up, but just to
15 be clear, we will look at it in the EIS, it's one
16 thing we've noted that will be included, and we've
17 discussed it with the commissioners actually in our
18 first meeting on acceptance. I think we did,
19 anyway.

20 But that's how we look at that and that
21 will be an interesting question. I probably will
22 reach out to you, Carol, to get some more detail as
23 to how you guys are anticipating that being looked
24 at, because we're not going to open up the DNR's
25 permit, that's outside the scope of what we do. I

1 that they were going to supply people to come to our
2 farm free of charge to be able to look and test for
3 stray voltage and stuff. When I heard that from him
4 and then it started from you that stray voltage
5 wasn't going to be a concern whatsoever with this
6 project, is that the fact is will there be people to
7 come and check to see if there's possibilities of
8 stray voltage and test for it? And what are those
9 tests consisting of, or who are the people that
10 would come to do that?

11 **MS. ELLEN HEINE:** I will have Ben Gallay
12 from Xcel Energy come up. He is our EMF expert, and
13 he goes out with another one of my co-workers and
14 they've got a meter for testing for EMF and so that
15 is the service that they do, where they can go out
16 and test the EMF.

17 **MS. RENEE THOMPSON:** But EMF is not stray
18 voltage, correct?

19 **MS. ELLEN HEINE:** Yes.

20 **MS. RENEE THOMPSON:** Because I was under
21 the impression we were talking about stray voltage.
22 So that will not be tested for at all?

23 **MS. ELLEN HEINE:** What do we do for stray
24 voltage?

25 **MR. BEN GALLAY:** Hi. Ben Gallay,

1 G-A-L-L-A-Y.
2 So EMF and stray voltage are very
3 similar. What we were talking about earlier was
4 stray voltage.
5 **MS. RENEE THOMPSON:** Yes.
6 **MR. BEN GALLAY:** Also, testing for stray
7 voltage in the case of agricultural spaces, there is
8 pretesting that's done to determine what the levels
9 are, if they exist, before a project like this. And
10 then is mitigation needed or not that would mitigate
11 that. A mitigation effect if it was warranted or
12 new issues arise because of something that wasn't
13 anticipated.
14 **MS. RENEE THOMPSON:** So those are
15 regularly offered to people and clearly stated, but
16 there wasn't much listed at all, and that will be
17 clearly stated for us?
18 **MR. BEN GALLAY:** Yeah. It usually comes
19 from one of the processes for the routing, from the
20 utility's perspective is to look for agricultural
21 endeavors along the routes that determine property
22 owners and work with that process with them and
23 there's not going to be a contact, it will be in a
24 generic pamphlet that goes out to everybody about
25 what they did.

1 we have pheasants and we have an electric fence
2 around it. So we have to contact you to find out
3 about stray voltage, and that means something has to
4 be tested on our property because we're so close to
5 the line.
6 **MR. BEN GALLAY:** Sure, I understand. At
7 100 yards or so, 300 feet, you might be a little bit
8 in a gray area at the edge of the development
9 without farm operations, but you can obviously bring
10 it up. Usually it's about that 300 foot either side
11 of the centerline where we screen for anything we
12 can see in the way of buildings, et cetera, so you'd
13 be right at that boundary.
14 **MS. COLLEEN PETERSON:** So if we don't get
15 flagged and we do something and you respond and
16 there is stray voltage that is impacting our
17 property, is that at our expense or your expense to
18 mitigate that?
19 **MR. BEN GALLAY:** No, that's on the
20 utility. Whether there's a start to that process is
21 the same as if there was a dairy farm or whatnot
22 there, we use the same procedures to analyze and for
23 mitigation and to establish this so it's good to go.
24 **MS. COLLEEN PETERSON:** Okay. Thank you.
25 **MR. RICH DAVIS:** Yes, sir.

1 **MS. RENEE THOMPSON:** Or if it's within a
2 close proximity to me, I have the right to reach out
3 to you to ask you to come take a look at it?
4 **MR. BEN GALLAY:** Oh, yeah, absolutely.
5 Any time you have transmission lines on your
6 property, you know, as stated for EMF, I do that as
7 part of the team that's responsible for that.
8 **MS. RENEE THOMPSON:** I just want to make
9 sure there's an option to reach out and not just
10 trusting.
11 **MR. BEN GALLAY:** No, you'll be contacted,
12 and any concerns about it, usually the first step is
13 to go through the land agent's contact.
14 **MS. RENEE THOMPSON:** All right. Thank
15 you very much.
16 **MR. BEN GALLAY:** You're welcome.
17 **MR. RICH DAVIS:** Thank you.
18 Yep.
19 **MS. COLLEEN PETERSON:** Colleen Peterson,
20 C-O-L-L-E-E-N, P-E-T-E-R-S-O-N.
21 And you and I talked about it this
22 evening, about stray voltage, and we were looking at
23 your GSI presentation and we're about a football
24 field away. We don't have a big agricultural thing,
25 but a big metal pole shed, metal, by our house, and

1 **MR. ED WESTAD:** Ed Westad, W-E-S-T-A-D.
2 I'm right on the west edge of segment one
3 where transmission goes over to the segment south of
4 Faribault.
5 We have the line currently going through
6 our property and a few other properties on a
7 two-mile stretch. But to the gentleman, the first
8 question about his house on Highway 60, I don't
9 think it's ever been said what the right of way
10 width is, okay, 150 feet, with 75 feet each side of
11 the center. What does it mean for houses like ours
12 or yours or anybody elsewhere if the house is closer
13 than that line? Can the poles go in and replace the
14 other poles and life is fine, or does this easement
15 that somebody's grandfather 100 years ago signed
16 after the house was built, but before now, does that
17 easement take over and people can lose their houses
18 or have them condemned through eminent domain? What
19 is the process for any of the landowners that are
20 affected where there's some structure inside this
21 magical distance?
22 I can sit down, that was the end of my
23 question.
24 **MR. RICH DAVIS:** Okay. I don't know if
25 you want to take this or if you want me to.

1 **MS. ELLEN HEINE:** Rich probably also has
2 an answer, but as much as we could we attempted to
3 do it so that wouldn't happen. We're not proposing
4 to take people's houses. So it is entirely possible
5 that there's somewhere where it's going to miss a
6 house and that's why we want to get this information
7 from people and make sure that you provide the
8 information, but we would adjust the line in those
9 cases.

10 **MR. RICH DAVIS:** Yeah, in our EIS we do
11 evaluate displacement or, you know, removal of that
12 home is within the easement, but I think you were
13 wondering about an easement that exists now as well
14 and that if they were going to add or expand that
15 easement widthwise and I believe that requires
16 renegotiation on Xcel's part with the landowner.

17 Yes, sir.

18 **MR. DAN SAYBOLT:** Hi. Dan Saybolt, 813
19 Reed Street in Waterville, S-A-Y-B-0-L-T.

20 I just had a question on this on the
21 north route. It's good to be changed from the
22 existing, where the existing right of way edge is,
23 on Lake Tetonka, it goes around the western edge of
24 Lake Tetonka, and is that 80 now? Or I guess my
25 question is, if you're replacing that line and going

1 up the western edge of Lake Tetonka and the new
2 line, a 345, is going to be from 80 feet or less? I
3 think the current one is even less than 80 feet, up
4 to 150 feet. And that's a 100 percent increase of
5 the height of the line, making almost every property
6 on the lake where those lines will now be visible.

7 So I guess my question to submit to you
8 with the EIS would be to take a look at that and
9 just see if the overall height of raising it 100
10 percent and impacting the sight lines of everyone
11 living around that lake is warranted or could
12 something be done about that? And the impact on
13 property values could be tremendous. That's a very
14 important water for those taxpayers. So it's
15 something I wanted to recommend be studied. And the
16 other thing would be if there would be any impact
17 because of the height of the lines on the Cannon
18 River watershed, the waterfront on that side.

19 Thank you.

20 **MR. RICH DAVIS:** Thank you.

21 Anybody else? I've got nobody else on
22 the list.

23 **MR. RICK VOLLVRECHT:** I have one thing.

24 **MR. RICH DAVIS:** Yeah.

25 **MR. RICK VOLLVRECHT:** Rick Vollvrecht,

1 V-O-L-L-V-R-E-C-H-T.

2 My question is now, I'm on the north
3 line, is the old line going to stay in and you're
4 just adding another one or is the old line coming
5 out?

6 **MS. ELLEN HEINE:** On the north, that new
7 line would get rebuilt and double-circuited with the
8 new line so we'd remove the existing poles.

9 **MR. RICK VOLLVRECHT:** It would be on the
10 new poles?

11 **MS. ELLEN HEINE:** Yep.

12 **MR. RICK VOLLVRECHT:** And now what
13 happens if there's a building site that might not be
14 a building site anymore if this goes through, are
15 they going to consider those? There's no
16 buildings -- there is now, but they're a building
17 site.

18 **MS. ELLEN HEINE:** Yeah. If it eliminated
19 a potential building site then that would be
20 factored into the value of that easement for sure.

21 **MR. RICK VOLLVRECHT:** Okay. And then why
22 would this new one, why do they have to go so much
23 wider with the easement?

24 **MS. ELLEN HEINE:** It's a higher voltage
25 line and basically it's a requirement for setbacks

1 and probably different voltages based on the size of
2 that line.

3 **MR. RICK VOLLVRECHT:** Okay. Thank you.

4 **MR. RICH DAVIS:** Thank you.

5 Do we have anybody else that would like
6 to provide comments?

7 Just a reminder that if you have already
8 commented, like you came up and spoke tonight, you
9 can still submit written comments if something else
10 comes to mind or if you have other questions or
11 comments. If you want to submit the same comment
12 again, I'm not going to stop you from doing that,
13 but I just want to remind everybody that whether you
14 give it to us as a spoken comment or written
15 comments, they're all treated the same as Sam
16 mentioned earlier.

17 **MR. SAM LOBBY:** And just with that, there
18 are other public meetings this week, as I mentioned,
19 and so you're welcome to come to other ones if you
20 want. But so you're aware, it will be the same
21 information covered. So, yeah, if you do want to
22 speak publicly, probably the easiest thing is if you
23 think of something you can do it on Thursday, so you
24 can attend those if you want to speak, but you don't
25 have to travel.

1 **MR. RICH DAVIS:** With that, if I don't
2 have anybody else who would like to comment, we'll
3 let you go. Staff will still be around here for the
4 Applicant and for the State, or if you have
5 questions or want to look at things on the maps, the
6 GIS folks are still back there and will help you
7 out.

8 Thank you very much.

9 **MR. SAM LOBBY:** Thanks for taking the
10 time to come today, everybody, we appreciate it.

11 (Proceedings concluded at 7:28 p.m.)

12
13
14
15
16
17
18
19
20
21
22
23
24
25

	7:17;22:17;23:4;24:18; 27:19;28:19;29:24; 30:10;31:16;32:14;38:5, 10;49:2;60:12	29:16;51:3;55:22 analyzed (2) 25:19;49:6 angle (1) 20:14 anticipated (5) 18:25;20:12;28:4;44:7; 53:13 anticipating (2) 19:19;50:23 anymore (1) 59:14 apologize (1) 25:10 apparently (1) 34:18 applicant (6) 24:1;28:22;29:4;37:20; 44:6;61:4 application (13) 12:15;18:5;19:5;44:8; 45:10;47:10,11,12,16,21, 23;48:4,5 applications (2) 9:19;50:7 appointed (1) 10:25 appreciate (4) 3:17;4:12;41:9;61:10 approximately (1) 12:2 April (4) 12:15;13:16,22;51:6 area (17) 3:22;7:7,9;15:3,9;17:3; 19:24;20:7;21:4;27:19; 39:14;40:18;44:10,16; 46:11;51:25;55:8 areas (6) 16:19;21:7,15;24:15, 15;29:22 arise (1) 53:12 around (10) 24:15;27:9,12;39:19, 20;45:14;55:2;57:23; 58:11;61:3 associated (1) 27:17 assumed (1) 47:4 assuming (1) 19:12 assumption (1) 17:18 attachments (1) 38:18 attempted (1) 57:2 attend (1) 60:24 August (3) 6:8;28:20;31:16	available (2) 13:10;21:22 Avenue (3) 39:10;41:15;51:18 avoid (5) 8:24;23:1;24:9,17;27:6 avoided (1) 24:12 aware (2) 38:24;60:20 away (1) 54:24	47:18 B-R-A-D (1) 34:21 BRADY (2) 34:19,21 bribery (1) 45:24 brief (2) 14:18;15:10 bring (1) 55:9 bringing (1) 37:8 broken (1) 16:1 Brookings (1) 46:22 brought (2) 13:14;37:25 build (1) 12:2 building (4) 59:13,14,16,19 buildings (2) 55:12;59:16 built (2) 12:7;56:16 bunch (3) 21:19;32:20;36:12 button (1) 31:10 Buy (3) 48:11,15,15
A	against (3) 6:25;24:18,19 agencies (9) 10:9,11,14,20;19:16; 23:12,13,14;24:4 Agency (1) 10:13 agenda (1) 22:7 agent's (1) 54:13 ago (2) 6:18;56:15 agricultural (3) 53:7,20;54:24 ahead (3) 3:9;7:14;14:14 ahold (1) 33:3 airport (1) 17:3 Alexandria (1) 46:24 alignment (1) 44:7 allowing (1) 41:8 almost (1) 58:5 alone (1) 37:16 along (8) 5:6;14:15;16:18,19; 17:1,11;51:19;53:21 alternative (22) 9:1;17:16;24:2;26:19; 27:10,11,15,23;28:1,12, 13,17;29:3,12,13,17;30:2, 5,16;39:11,12;45:21 alternatives (17) 15:15,16;16:1;22:10; 23:25;26:21;28:3;29:8, 18,23,24;30:10,11,12; 40:23;41:4;46:3 altogether (1) 23:2 always (7) 4:4;35:11;41:2;45:6,6; 48:2;51:15 amended (1) 47:23 amount (3) 45:8,9,22 amps (1) 45:7 analysis (6) 5:1;8:1;22:4,19;27:14; 42:16 analyze (3)	back (18) 7:18;15:24;21:23; 24:22,23;27:25;29:19,25, 25;30:24;32:14;33:8; 38:3;43:15,21;44:19; 51:11;61:6 bad (1) 45:25 based (3) 15:20;35:8;60:1 baseline (1) 25:6 Basically (4) 14:23;21:13;42:21; 59:25 beginning (1) 19:20 behalf (2) 22:18;41:14 below (1) 51:2 Ben (10) 52:11,25,25;53:6,18; 54:4,11,16;55:6,19 best (2) 26:21;30:6 better (1) 34:7 big (9) 3:15;24:11;27:1;28:2; 37:10,17;46:24;54:24,25 billion (1) 48:1 bit (8) 16:16;22:16;27:11; 30:10;37:4;43:16;44:4; 55:7 boom (1) 48:2 bores (1) 21:4 both (3) 35:8;42:2;43:6 bottom (1) 31:1 boundary (1) 55:13 boxes (1)	B	
Aaron (4) 34:14,15;39:1,3 able (6) 13:12;15:5;28:3,14; 29:14;52:2 absolutely (1) 54:4 accept (1) 45:25 acceptance (1) 50:18 accepted (1) 12:16 access (5) 5:13;6:13;15:4;21:5,5 accomplish (1) 29:1 acquire (1) 43:1 acres (2) 35:9;37:15 across (6) 30:20;36:18;37:14,17; 38:3;41:25 activities (1) 38:12 actual (1) 38:17 actually (13) 4:9;8:11,20;13:24; 14:2;16:8;17:24;20:2; 24:24;29:15;35:22; 40:13;50:17 add (2) 38:2;57:14 Adding (3) 15:1;46:22;59:4 additional (6) 18:6,10;23:8;24:2; 29:6;31:20 address (4) 27:16;37:4;45:22; 50:13 addressed (2) 25:4;46:19 addressing (1) 25:9 adequate (1) 11:4 adjust (1) 57:8 administrative (3) 10:1,2;14:1 advocate (2) 22:22;24:19 affected (2) 46:14;56:20 affiliated (1) 7:1 Again (14)	ago (2) 6:18;56:15 agricultural (3) 53:7,20;54:24 ahead (3) 3:9;7:14;14:14 ahold (1) 33:3 airport (1) 17:3 Alexandria (1) 46:24 alignment (1) 44:7 allowing (1) 41:8 almost (1) 58:5 alone (1) 37:16 along (8) 5:6;14:15;16:18,19; 17:1,11;51:19;53:21 alternative (22) 9:1;17:16;24:2;26:19; 27:10,11,15,23;28:1,12, 13,17;29:3,12,13,17;30:2, 5,16;39:11,12;45:21 alternatives (17) 15:15,16;16:1;22:10; 23:25;26:21;28:3;29:8, 18,23,24;30:10,11,12; 40:23;41:4;46:3 altogether (1) 23:2 always (7) 4:4;35:11;41:2;45:6,6; 48:2;51:15 amended (1) 47:23 amount (3) 45:8,9,22 amps (1) 45:7 analysis (6) 5:1;8:1;22:4,19;27:14; 42:16 analyze (3)	back (18) 7:18;15:24;21:23; 24:22,23;27:25;29:19,25, 25;30:24;32:14;33:8; 38:3;43:15,21;44:19; 51:11;61:6 bad (1) 45:25 based (3) 15:20;35:8;60:1 baseline (1) 25:6 Basically (4) 14:23;21:13;42:21; 59:25 beginning (1) 19:20 behalf (2) 22:18;41:14 below (1) 51:2 Ben (10) 52:11,25,25;53:6,18; 54:4,11,16;55:6,19 best (2) 26:21;30:6 better (1) 34:7 big (9) 3:15;24:11;27:1;28:2; 37:10,17;46:24;54:24,25 billion (1) 48:1 bit (8) 16:16;22:16;27:11; 30:10;37:4;43:16;44:4; 55:7 boom (1) 48:2 bores (1) 21:4 both (3) 35:8;42:2;43:6 bottom (1) 31:1 boundary (1) 55:13 boxes (1)	C	
			call (2) 36:6;46:25 called (3) 11:13;48:11;51:7 came (1) 60:8 can (59) 3:14;5:17,20;6:9,11,13; 7:10;8:19;9:11;13:11; 16:15;21:21;22:20;24:10, 16,17;25:21,22,22,25; 26:8;27:13;29:20,22; 30:23,25;31:2,6,14,14; 32:5,7,14;33:11,16;34:4, 17;36:15;37:3,19,25; 38:21;43:17;44:7,14,15; 47:3;48:12,14;49:24; 52:15;55:9,12;56:13,17, 22;60:9,23,24 Cannon (1) 58:17 capacity (2) 11:18;15:1 capture (1) 29:14 CapX (3) 17:14;46:7,24	

<p>care (3) 4:6;26:25;36:8</p> <p>Carol (9) 44:20,22,22;49:16,19; 50:1,10,22;51:4</p> <p>carry (1) 29:8</p> <p>case (5) 9:6;32:22;46:20;51:9; 53:7</p> <p>cases (1) 57:9</p> <p>categories (1) 25:6</p> <p>center (1) 56:11</p> <p>centerline (2) 20:19;55:11</p> <p>CenterPoint (3) 47:15,19;51:7</p> <p>certain (7) 20:8;24:12,14,14;25:8; 26:5;44:11</p> <p>certificate (4) 11:13,16;26:17;32:23</p> <p>cetera (1) 55:12</p> <p>Cezar (2) 9:9,11</p> <p>chairs (3) 3:4,7,8</p> <p>chance (1) 6:21</p> <p>changed (2) 51:14;57:21</p> <p>characteristics (1) 27:18</p> <p>characterize (1) 21:4</p> <p>charge (1) 52:2</p> <p>check (1) 52:7</p> <p>Chicago (1) 28:25</p> <p>children (1) 45:15</p> <p>chosen (1) 39:25</p> <p>circuit (1) 46:23</p> <p>cities (2) 23:15;45:24</p> <p>clarification (1) 40:11</p> <p>clean (1) 21:15</p> <p>clear (2) 29:10;50:15</p> <p>clearing (1) 21:5</p> <p>clearly (3) 3:14;53:15,17</p>	<p>click (2) 31:8,11</p> <p>clock (1) 32:13</p> <p>close (7) 6:8;32:13;43:20,23; 50:10;54:2;55:4</p> <p>closer (1) 56:12</p> <p>CN (1) 30:10</p> <p>colleague (1) 7:19</p> <p>COLLEEN (4) 54:19,19;55:14,24</p> <p>C-O-L-L-E-E-N (1) 54:20</p> <p>combination (1) 40:18</p> <p>coming (5) 3:13,16;4:13;21:12; 59:4</p> <p>commence (1) 13:7</p> <p>comment (25) 3:20;5:19;6:19;7:4; 22:13;25:4;28:20;30:22, 24;31:6,10,12,17,19; 32:10;34:3,9;41:7;44:3; 47:22;48:4;50:14;60:11, 14;61:2</p> <p>commented (2) 8:22;60:8</p> <p>commenting (1) 8:23</p> <p>comments (35) 3:23;4:10,24,25;5:16, 21,23,24;6:7,7;8:6,19; 10:10;22:14,17;23:20; 25:2,20,21;26:11;30:22; 31:2;32:3,12,15,17; 33:11;47:13,14;49:25; 51:5;60:6,9,11,15</p> <p>Commerce (3) 7:23;9:21;22:2</p> <p>Commission (15) 3:12,21;6:10,15;7:18; 9:7,18,23;10:4,22;12:16; 19:6;22:18,18;38:22</p> <p>commissioners (12) 4:5,9;6:1;10:24,25; 23:5,6;24:13;30:6;44:13, 16;50:17</p> <p>Commission's (1) 14:11</p> <p>Company (7) 10:19;11:13;36:11,19, 21;42:11;47:24</p> <p>complaint (1) 38:18</p> <p>complaints (1) 37:25</p> <p>complete (1)</p>	<p>30:23</p> <p>comply (1) 10:19</p> <p>Con (1) 46:25</p> <p>concern (4) 26:5,12;35:16;52:5</p> <p>concerned (1) 37:12</p> <p>concerns (6) 3:24;25:2;31:2;34:20; 36:3;54:12</p> <p>concluded (1) 61:11</p> <p>conclusions (1) 10:5</p> <p>condemned (2) 48:13;56:18</p> <p>conductor (1) 21:11</p> <p>confirmed (1) 11:1</p> <p>Connection (1) 47:1</p> <p>consider (1) 59:15</p> <p>consideration (3) 9:2;23:17;30:8</p> <p>considered (7) 27:5,8,19;45:4,16;48:3, 18</p> <p>consistent (1) 11:7</p> <p>consisting (1) 52:9</p> <p>construct (2) 30:5,17</p> <p>constructed (1) 17:20</p> <p>Construction (8) 12:8;19:19;20:25;21:7, 10,14;37:23;38:9</p> <p>contact (10) 9:5,12;21:17,20;31:1, 20;32:21;53:23;54:13; 55:2</p> <p>contacted (1) 54:11</p> <p>contents (3) 25:18;44:25;49:4</p> <p>contested (1) 51:8</p> <p>context (2) 28:8,16</p> <p>continued (1) 19:17</p> <p>contract (1) 20:2</p> <p>contractor (1) 37:23</p> <p>Control (1) 10:13</p> <p>coordinate (2)</p>	<p>23:11,14</p> <p>coordinating (1) 23:19</p> <p>co-owners (1) 18:18</p> <p>copies (2) 5:11;21:22</p> <p>correctly (1) 38:1</p> <p>corridor (1) 41:5</p> <p>corridors (1) 40:22</p> <p>costs (1) 46:17</p> <p>counties (2) 42:8;45:24</p> <p>county (8) 23:15;41:16,16;42:1,1; 49:20,22;50:8</p> <p>couple (5) 11:10;13:12;34:23; 41:4;49:1</p> <p>course (3) 4:18;9:17;48:5</p> <p>court (2) 4:8;32:4</p> <p>covered (2) 38:7;60:21</p> <p>covering (1) 19:23</p> <p>co-workers (1) 52:13</p> <p>creates (1) 15:4</p> <p>creating (1) 21:5</p> <p>criteria (1) 40:21</p> <p>critically (1) 3:24</p> <p>cross (1) 37:15</p> <p>crossing (3) 12:6;42:25;43:1</p> <p>crucial (1) 48:22</p> <p>cruising (1) 47:17</p> <p>Culbertson (1) 7:19</p> <p>Cummins (9) 41:11,12,12;42:6,20; 43:4,14,17;44:2</p> <p>C-U-M-M-I-N-S (1) 41:13</p> <p>cumulative (5) 46:4,5,7,13;47:2</p> <p>current (1) 58:3</p> <p>currently (2) 16:10;56:5</p>	<p style="text-align: center;">D</p> <p>dairy (1) 55:21</p> <p>Dairyland (2) 18:16,21</p> <p>damage (4) 36:7;37:21;38:4,6</p> <p>damaged (2) 36:12;38:5</p> <p>damaging (2) 36:14;37:16</p> <p>DAN (2) 57:18,18</p> <p>Darrell (2) 34:6,7</p> <p>dashed (1) 18:3</p> <p>data (1) 25:23</p> <p>database (1) 27:22</p> <p>Davis (37) 7:25;21:25;22:1;33:20, 24;34:2,8,12,14,16; 35:18;37:3,18;38:6,11; 39:1,5,8;40:2,6;41:10; 42:4,13;44:3;48:25; 49:18;50:6,12;51:13; 54:17;55:25;56:24; 57:10;58:20,24;60:4;61:1</p> <p>day (1) 3:18</p> <p>dealing (2) 37:23;47:7</p> <p>debris (1) 21:14</p> <p>Decades (1) 6:17</p> <p>decide (1) 34:3</p> <p>decided (1) 48:10</p> <p>decision (11) 4:6;13:4,5;14:12;23:6; 24:14,22;25:16;34:9; 49:3,9</p> <p>decision-making (1) 6:24</p> <p>deep (1) 11:25</p> <p>defer (1) 42:14</p> <p>defined (1) 15:21</p> <p>definite (1) 46:18</p> <p>Department (5) 7:23;9:21;10:12,17; 22:2</p> <p>depending (1) 23:11</p>
---	---	--	--	--

<p>depends (1) 20:24</p> <p>depreciation (1) 46:17</p> <p>describe (2) 23:25;28:3</p> <p>design (1) 20:12</p> <p>detail (3) 16:12;26:8;50:22</p> <p>detailed (1) 29:19</p> <p>details (1) 42:19</p> <p>determine (4) 9:3;30:6;53:8,21</p> <p>determined (4) 13:3,6;18:10;19:14</p> <p>determining (1) 12:23</p> <p>devastating (1) 35:14</p> <p>develop (5) 8:18;12:20;23:17; 26:11,21</p> <p>developed (1) 15:12</p> <p>developers (1) 7:2</p> <p>developing (4) 8:13;18:15,21;28:11</p> <p>development (2) 19:3;55:8</p> <p>different (19) 4:2,17;5:6;11:10; 12:12;14:21;15:15; 17:22;18:2;20:1;24:17; 26:15,16;30:13;40:24; 42:8,9,25;60:1</p> <p>differently (1) 5:24</p> <p>direct (2) 32:17;49:4</p> <p>direction (2) 13:1;25:5</p> <p>directly (3) 10:9;34:24;38:21</p> <p>discuss (4) 4:14;27:11;49:6;51:9</p> <p>discussed (2) 48:19;50:17</p> <p>discussing (1) 51:22</p> <p>displacement (1) 57:11</p> <p>distance (1) 56:21</p> <p>distribution (1) 37:7</p> <p>ditch (1) 41:23</p> <p>DNR (3) 10:12;19:15;23:12</p>	<p>DNR's (1) 50:24</p> <p>docket (2) 6:11;32:25</p> <p>document (4) 23:24;24:23;25:16; 49:10</p> <p>documents (1) 49:12</p> <p>domain (2) 30:5;56:18</p> <p>dome (4) 47:8,10;50:13;51:1</p> <p>done (13) 8:3;13:25,25;14:3,4,7, 9;15:12,14;36:7;38:1; 53:8;58:12</p> <p>double (1) 39:21</p> <p>double-circuit (4) 17:8,18;18:9;46:23</p> <p>double-circuited (3) 16:10;17:21;59:7</p> <p>down (3) 26:7;38:9;56:22</p> <p>draft (4) 13:9;24:22;44:25;49:2</p> <p>dragging (1) 37:13</p> <p>drainage (4) 36:6,12;37:13,18</p> <p>draining (1) 36:15</p> <p>drive (1) 38:3</p> <p>driving (1) 36:17</p> <p>during (3) 18:7;19:2,8</p>	<p>15:8</p> <p>Ed (2) 56:1,1</p> <p>edge (5) 55:8;56:2;57:22,23; 58:1</p> <p>eDocket (1) 32:22</p> <p>EERA (1) 22:4</p> <p>effect (1) 53:11</p> <p>efficient (1) 11:4</p> <p>EIS (25) 22:10;23:23;24:5;25:7, 15,18;27:5,8,19;30:3,15; 31:25;32:18;42:16; 45:10;47:22;48:6,19; 49:7,10,23;50:3,15; 57:10;58:8</p> <p>either (2) 20:19;55:10</p> <p>electing (1) 48:14</p> <p>electric (1) 55:1</p> <p>electricity (2) 11:3;30:20</p> <p>electrifying (1) 34:18</p> <p>electro (1) 45:2</p> <p>electromagnetic (2) 37:5;51:21</p> <p>eliminated (1) 59:18</p> <p>Ellen (19) 7:22;14:16,17;36:23; 40:3,10,17;42:23;43:9, 15;44:1;52:11,19,23; 57:1;59:6,11,18,24</p> <p>else (10) 26:24;33:1;35:15;47:5; 48:7;58:21,21;60:5,9; 61:2</p> <p>else's (2) 28:10,10</p> <p>elsewhere (1) 56:12</p> <p>email (4) 6:2;21:20;31:11,15</p> <p>EMF (9) 37:5,10;51:20;52:12, 14,16,17;53:2;54:6</p> <p>eminent (2) 30:5;56:18</p> <p>encompass (1) 44:15</p> <p>end (6) 28:20,25;31:16;38:4; 44:21;56:22</p> <p>endangered (1)</p>	<p>25:24</p> <p>endeavors (1) 53:21</p> <p>Energy (14) 4:16;7:21,25;14:15,17; 15:2,4;18:15;22:3;30:4; 46:25;47:1,19;52:12</p> <p>engagement (1) 19:18</p> <p>enough (3) 37:15;43:21;45:1</p> <p>ensure (1) 11:4</p> <p>entire (3) 4:19;48:16;49:22</p> <p>entirely (1) 57:4</p> <p>environmental (26) 4:25;7:24,25;8:13,15; 9:4,23,24;12:21;14:10; 18:12;19:10;22:2,3,9,17, 24;23:3,8,18,21,22;24:6; 27:4;33:10;44:5</p> <p>equally (1) 6:3</p> <p>equipment (3) 21:8;37:14;40:9</p> <p>especially (1) 45:12</p> <p>essentially (7) 8:16;16:8,17;25:17; 30:16,18;45:23</p> <p>establish (1) 55:23</p> <p>et (1) 55:12</p> <p>etiquette (1) 32:4</p> <p>evaluate (1) 57:11</p> <p>evaluated (1) 25:19</p> <p>evaluation (1) 18:10</p> <p>even (2) 51:11;58:3</p> <p>evening (3) 3:1;5:7;54:22</p> <p>everybody (9) 3:1;23:10;27:24;28:5; 31:17;48:7;53:24;60:13; 61:10</p> <p>everyone (1) 58:10</p> <p>exactly (3) 20:5;45:3;51:2</p> <p>example (2) 26:15;45:1</p> <p>excuse (3) 28:2;32:24;44:18</p> <p>exist (2) 6:18;53:9</p> <p>existing (16)</p>	<p>16:18,23;17:10,13; 18:9;36:2;39:16,24; 40:15,19,21;41:1,5; 57:22,22;59:8</p> <p>exists (1) 57:13</p> <p>expand (2) 25:7;57:14</p> <p>expense (2) 55:17,17</p> <p>experience (1) 45:5</p> <p>expert (2) 42:24;52:12</p> <p>expertise (1) 7:12</p> <p>experts (1) 7:9</p> <p>explain (1) 12:22</p> <p>extra (1) 3:18</p> <p>eye (1) 32:13</p>
				F
				<p>facilitate (1) 10:3</p> <p>facility (2) 26:16,24</p> <p>fact (2) 10:5;52:6</p> <p>factored (1) 59:20</p> <p>facts (1) 22:21</p> <p>fair (2) 11:5;34:8</p> <p>familiar (1) 8:14</p> <p>families (1) 46:15</p> <p>family (4) 35:2,3,23;37:14</p> <p>far (7) 22:9;25:15;37:18; 38:17;43:14;44:6;49:14</p> <p>Faribault (5) 16:4,4,24;17:5;56:4</p> <p>farm (8) 37:9;39:19,20;48:12, 15;52:2;55:9,21</p> <p>farmers (1) 36:6</p> <p>farming (1) 37:16</p> <p>feasibility (3) 29:2,2,9</p> <p>feasible (1) 29:5</p> <p>federal (1) 23:12</p>

<p>feedback (3) 13:24;14:6;15:19</p> <p>feel (1) 25:4</p> <p>feet (19) 11:22;20:17,19,19,21, 22,23;35:1;43:8,11,22; 48:1;51:2;55:7;56:10,10; 58:2,3,4</p> <p>fence (1) 55:1</p> <p>few (2) 18:2;56:6</p> <p>field (3) 15:18;37:5;54:24</p> <p>fields (4) 45:3,14,17;51:21</p> <p>fight (1) 36:17</p> <p>filed (2) 18:5,6</p> <p>fill (3) 30:25;31:2,11</p> <p>filling (1) 9:8</p> <p>final (3) 4:6;14:10,11</p> <p>find (4) 25:25;26:3;32:22;55:2</p> <p>finding (1) 17:24</p> <p>findings (1) 10:5</p> <p>fine (2) 40:6;56:14</p> <p>finishing (1) 19:20</p> <p>first (7) 4:21;8:7;17:20;47:14; 50:18;54:12;56:7</p> <p>Fish (1) 23:13</p> <p>fit (1) 16:22</p> <p>five (3) 4:5;10:24;32:12</p> <p>fix (2) 38:5,9</p> <p>fixed (1) 36:19</p> <p>flagged (1) 55:15</p> <p>flip (1) 24:23</p> <p>fold (1) 31:4</p> <p>folks (10) 3:3,5,9;4:5;25:9;26:1; 29:20;33:13;34:2;61:6</p> <p>follow (5) 16:18;21:10;40:21,21; 41:4</p> <p>followed (1)</p>	<p>16:23</p> <p>following (2) 9:10;41:1</p> <p>follows (3) 17:7,9;40:19</p> <p>foot (1) 55:10</p> <p>football (1) 54:23</p> <p>force (1) 33:24</p> <p>forgot (1) 33:7</p> <p>forth (1) 10:4</p> <p>forward (3) 24:3;29:8;30:2</p> <p>found (1) 6:9</p> <p>foundation (2) 21:9;35:2</p> <p>four (7) 16:2,7;17:23,24;18:2, 19;46:20</p> <p>free (2) 25:4;52:2</p> <p>Fritz (9) 41:11,12,12;42:6,20; 43:4,14,17;44:2</p> <p>F-R-I-T-Z (1) 41:13</p> <p>front (2) 3:3;5:12</p> <p>full (6) 20:15;21:3;32:22;45:7, 11,16</p> <p>future (1) 17:19</p>	<p>gets (3) 14:12;26:17;35:25</p> <p>GIS (2) 29:19;61:6</p> <p>given (1) 30:5</p> <p>gives (3) 22:11;25:5;33:17</p> <p>giving (1) 13:19</p> <p>gladly (2) 51:6,10</p> <p>glass (1) 47:8</p> <p>goal (1) 23:3</p> <p>goes (14) 13:1;16:20,21;30:3; 31:5;36:22;44:9;49:9; 51:11;52:13;53:24;56:3; 57:23;59:14</p> <p>Good (7) 3:1,8;32:6;33:4;41:6; 55:23;57:21</p> <p>government (2) 9:16,18</p> <p>governor (1) 10:25</p> <p>grab (1) 31:17</p> <p>grabbing (1) 3:5</p> <p>grandfather (1) 56:15</p> <p>gray (1) 55:8</p> <p>greater (2) 11:22;15:4</p> <p>green (1) 33:8</p> <p>grew (2) 35:4,4</p> <p>grid (1) 30:19</p> <p>grossly (1) 47:12</p> <p>ground (5) 8:17;12:25;24:7;44:17; 51:2</p> <p>grounded (1) 37:6</p> <p>groupings (1) 24:25</p> <p>growth (1) 15:8</p> <p>GSI (1) 54:23</p> <p>guess (5) 38:13;39:15;40:10; 57:24;58:7</p> <p>guidance (1) 22:11</p> <p>guide (1)</p>	<p>4:25</p> <p>guys (3) 36:11;41:20;50:23</p>	<p>33:9</p> <p>high (4) 8:10;11:17,20;18:24</p> <p>higher (1) 59:24</p> <p>Highway (6) 16:19;34:22,23;35:10; 39:13;56:8</p> <p>hitting (1) 25:9</p> <p>hold (1) 13:17</p> <p>home (7) 17:25;34:24;35:1,1,15; 48:9;57:12</p> <p>homes (1) 43:20</p> <p>hone (1) 31:25</p> <p>Hopefully (1) 3:13</p> <p>hours (1) 47:17</p> <p>house (10) 28:6,10;37:8;43:18,24; 54:25;56:8,12,16;57:6</p> <p>houses (5) 15:19;25:25;56:11,17; 57:4</p> <p>huge (2) 36:15;38:14</p> <p>human (3) 22:24;24:6;27:4</p>
	G			I
	<p>GAHLOR (1) 34:15</p> <p>Gallay (10) 52:11,25,25;53:6,18; 54:4,11,16;55:6,19</p> <p>G-A-L-L-A-Y (1) 53:1</p> <p>gas (8) 11:3;46:10,12;47:8,10, 24;48:1;50:13</p> <p>gave (1) 33:12</p> <p>Gayland (1) 39:2</p> <p>Gaylord (2) 39:3,3</p> <p>generating (1) 26:24</p> <p>generic (1) 53:24</p> <p>gentleman (3) 46:8;51:24;56:7</p>	<p>heard (6) 4:12;5:16;37:1;45:18, 19;52:3</p> <p>Hearing (4) 3:24;10:3;13:17,22</p> <p>Hearings (1) 10:2</p> <p>height (2) 20:16;58:5</p> <p>heighth (2) 58:9,17</p> <p>Heine (20) 7:22;12:1;14:15,16,17; 36:23;40:10,17;42:23; 43:9,15;44:1;52:11,19, 23;57:1;59:6,11,18,24</p> <p>Hello (1) 34:19</p> <p>help (10) 4:25;8:19;9:14;23:4,6; 25:21;26:7;31:24;33:11; 61:6</p> <p>helpful (1) 22:12</p> <p>helping (1) 12:25</p> <p>helps (2) 15:8;44:12</p> <p>Hi (2) 52:25;57:18</p> <p>Hicks (1)</p>	<p>idea (2) 8:25;9:3</p> <p>ideas (4) 9:2;13:19;27:9,12</p> <p>identified (3) 14:21,23;19:2</p> <p>identify (4) 24:9;28:14;29:23; 37:21</p> <p>illustrate (1) 29:15</p> <p>impact (21) 8:13,15;9:4,24;12:21; 14:10;23:22;28:4,9,14, 15;29:11;30:18;46:4,4, 18;47:2;48:18;50:3; 58:12,16</p> <p>impacted (2) 24:8;26:13</p> <p>impacting (2) 55:16;58:10</p> <p>impacts (22) 8:22,24;22:24,25;23:2; 24:6,10,12,14,16;25:1; 27:4,7,12,16;29:16;32:1; 44:14;45:14;46:5,7,13</p> <p>important (10)</p>	

3:21,25;7:5;11:12; 13:15;29:7;46:3;48:17, 20:58:14 impression (1) 52:21 include (5) 8:25;47:23;49:3,21; 50:3 included (6) 10:23;18:11;21:21; 42:5;49:5;50:16 includes (1) 21:12 including (3) 45:2;49:10,14 incomplete (1) 47:12 incorporated (1) 48:5 increase (1) 58:4 increasing (1) 15:1 independent (2) 11:6;14:22 individual (1) 49:23 individuals (1) 32:15 industries (1) 11:2 info (2) 25:14;29:6 information (32) 4:22;5:12;6:12;7:12; 8:8,9;9:5;12:17;15:17,20; 18:8;20:7;21:17,19; 22:13;23:7;25:12;27:20; 31:1,20;32:21;33:4; 47:13,24;49:8;51:5,8,10, 12;57:6,8;60:21 informed (1) 23:6 infrastructure (1) 20:11 initial (1) 18:5 Initially (3) 15:13,15;18:8 input (4) 12:23;23:15,19;50:8 inside (1) 56:20 installed (2) 21:6,13 installing (1) 21:10 intend (1) 22:21 interchangeably (1) 20:4 interest (1) 11:8	interested (1) 7:3 interesting (1) 50:21 into (15) 7:15;11:25;16:2;23:16, 17;26:8;36:1;37:8,8; 41:25;42:16,18;49:23; 51:8;59:20 involved (5) 4:3;9:12,16;10:9,20 Island (1) 16:5 issue (1) 45:21 issued (6) 4:1;13:10,16;14:10; 19:12;38:18 issues (4) 9:19;37:10;47:7;53:12 items (1) 26:12	17:1,7,13,20,21,25;18:1, 22;20:17,18,21;40:19; 41:1	limit (1) 32:11 Line (65) 4:15;8:10;10:16;11:17, 21;12:3,4,5,7,17;16:8,11, 18,21,22,23;17:1,7,11,13, 15,16,20,21,22,25;18:3,9, 22;19:21,25;20:9,17,21; 26:23;27:1;28:1;32:23; 36:8;37:7,8;39:16,24,24; 40:19;41:1,15;42:7;46:9, 13;48:9;55:5;56:5,13; 57:8,25;58:2,5;59:3,3,4,7, 8,25;60:2 lines (12) 15:11;16:16;17:10; 35:12;37:2,10;46:20; 47:1,54:5;58:6,10,17 list (6) 24:11,24;33:7;34:12; 44:19;58:22 listed (3) 45:1;47:11;53:16 listen (1) 6:1 lists (1) 38:19 little (13) 3:14;4:19;16:12,16; 20:6;22:16;27:11;30:10; 35:6,8;37:4;44:4;55:7 live (6) 7:6,7;26:1;34:22; 39:10;51:17 lives (1) 3:22 living (1) 58:11 LLC (1) 35:23 LOBBY (6) 3:1,11;7:17;38:16; 60:17;61:9 local (4) 23:14;26:2;27:20; 42:25 located (1) 16:10 location (5) 13:18;17:23;28:23; 29:13,13 locations (2) 5:6;49:23 Logan (1) 33:9 logically (1) 41:6 long (3) 4:20;12:11,14 look (21) 13:11,13;24:17,25; 25:22;27:13;29:22;	34:25;37:3,4;43:19,24; 44:10;46:1;50:15,20; 52:2;53:20;54:3;58:8; 61:5 looked (8) 15:21;25:3,18;37:11; 39:23;40:23;49:7;50:23 looking (17) 5:1;22:16,21;24:5,7; 25:1;26:19,20;28:13; 30:18;31:25;33:2;40:7; 44:5;46:12;47:24;54:22 looks (2) 21:16;35:19 lose (2) 35:15;56:17 lot (15) 4:2,7;15:14;19:25; 20:4;25:10;28:8;33:13; 36:15,16;37:9;42:19; 45:13;46:11;51:12 love (1) 48:8 lovely (1) 32:4 loves (1) 27:24	
	J				
	judge (2) 10:1;14:1 July (1) 14:11 June (2) 12:16;14:11 jurisdiction (1) 46:2 jurisdictions (1) 45:22	La (1) 41:17 laid (1) 38:23 Lake (6) 17:1;57:23,24;58:1,6, 11 land (6) 19:25;21:13;36:22; 39:12;48:8;54:13 landowner (3) 20:2;49:19;57:16 landowners (7) 19:13,23;42:2;46:15; 48:8,11;56:19 landowners' (1) 35:23 landscape (1) 30:20 large (1) 49:21 larger (1) 44:10 last (4) 6:14;15:19;21:24;47:6 later (5) 6:5;9:6;10:3;21:22; 43:2 law (4) 10:1,5;14:1,3 Le (3) 41:16,20;42:1 lead (1) 9:8 learn (1) 3:19 least (2) 45:9;47:25 led (1) 15:11 left (1) 29:25 legal (1) 36:9 length (3) 11:19,23;20:23 less (2) 58:2,3 leukemia (2) 45:13,15 level (2) 18:24;29:1 levels (1) 53:8 life (1) 56:14 light (1)			
	K				
	keep (2) 30:8;32:13 Kellogg (2) 12:6;18:23 kid (1) 35:6 Kilovolt (4) 4:15;12:3,4,7 kilovolts (2) 11:18,22 kind (13) 12:19;14:8;16:17; 19:22;21:15;22:8,11; 26:6;28:1,2;39:13;40:9; 44:12 kinds (1) 25:23 knowledge (1) 5:22 known (1) 7:10 knows (1) 23:10 kV (18) 12:5;16:8,18,21,23;				
				M	
				magical (1) 56:21 magnetic (3) 45:3,14,17 mail (2) 5:10;31:14 main (3) 9:8,11;10:9 Maintain (2) 32:16;35:10 maintenance (2) 38:12;40:8 major (2) 24:25;35:16 makeup (1) 10:21 making (2) 24:13;58:5 man (1) 33:7 manage (2) 9:22;36:11 manager (2) 22:3;33:10 Mankato (5) 4:14;5:4;12:5;16:3; 17:2 manner (1) 11:7 many (1) 35:23 map (6) 15:12;16:1;26:3;27:21;	

<p>29:14;34:25 mapping (1) 15:14 maps (6) 15:24;25:22,25;29:21; 44:8;61:5 March (2) 13:8,9 Mark (6) 39:8,9,9;40:4,13;41:7 M-A-R-K (1) 39:9 matter (1) 46:16 may (9) 5:10;8:25;22:25;24:3, 15:26:1;33:12;37:15; 47:15 maybe (3) 34:13;39:23;40:4 maybes (1) 33:13 mean (4) 42:20;43:19;51:1; 56:11 means (4) 46:6;48:12,15;55:3 meet (7) 13:13;26:14,22,25; 28:21,23;29:9 meeting (13) 3:2,10,19;4:21;5:9,25; 6:13;8:4,7;12:20;25:13; 33:4;50:18 meetings (12) 4:18,20;5:3,8,13,14; 12:18;19:4;23:9,20;24:4; 60:18 members (1) 10:23 mention (2) 26:12;33:7 mentioned (13) 6:22;10:8;12:14,19; 22:1;23:22;25:16;26:18; 31:3,24;36:25;60:16,18 metal (2) 54:25,25 meter (1) 52:14 methods (2) 8:23;27:6 mic (1) 32:10 microphone (1) 8:5 Midcontinent (1) 14:22 middle (2) 16:15;18:4 Midwest (1) 15:3 might (9)</p>	<p>8:21;10:18;26:3,4; 27:10;33:14;49:21;55:7; 59:13 mile (2) 11:19;35:9 miles (2) 34:23;47:25 mind (3) 12:10;51:14;60:10 minimize (5) 8:24;23:1;24:9;27:6; 29:10 Minnegasco (1) 47:7 Minnesota (12) 3:12;6:10;9:20;10:12, 21;11:19;12:6;18:18; 22:1;46:21,25;47:1 minute (3) 3:3,6;26:20 minutes (1) 32:12 MISO (2) 14:21;19:2 miss (1) 57:5 mission (1) 11:4 Mississippi (3) 4:15;12:6;16:7 misunderstanding (1) 50:2 mitigate (8) 8:24;23:1;24:10;27:6, 16;29:11;53:10;55:18 mitigates (1) 28:17 mitigation (3) 53:10,11;55:23 MnDOT (1) 23:12 mobilize (1) 21:7 modeled (1) 45:8 modeling (1) 45:5 mom (1) 35:4 money (2) 42:10;45:22 monitor (1) 47:18 months-long (1) 13:7 more (25) 3:4;5:5;6:1,12;8:16; 11:18,19,22;12:22;15:4; 16:12,24;17:9;19:9;20:6; 26:20;27:3,11;37:12; 39:13;44:24;48:1,24; 50:22;51:6 Morris (6)</p>	<p>39:8,9,9;40:4,13;41:7 M-O-R-R-I-S (1) 39:10 Morristown (1) 51:19 most (3) 20:15;22:12;25:13 mostly (2) 16:23;40:19 move (1) 30:20 much (11) 3:13,16;22:19;26:8; 44:15;51:21;53:16; 54:15;57:2;59:22;61:8 multiple (1) 32:15 multistep (1) 15:13 Municipal (1) 18:18 must (1) 28:19 myself (4) 9:13;10:23;23:10; 31:21</p>	<p>37:14 neutral (1) 22:22 new (11) 12:2,4;17:25;21:11; 40:14;53:12;58:1;59:6,8, 10,22 newer (1) 37:2 next (6) 12:17;22:6;30:21;32:2; 39:5,12 nobody (1) 58:21 no-build (1) 30:15 nominal (1) 11:21 normally (1) 20:21 north (14) 12:7;16:5,6,22,25;17:5, 6;35:24;40:12,18;41:5; 57:21;59:2,6 northern (1) 39:16 note (6) 9:6;18:3,14;20:4,7; 38:16 noted (2) 14:25;50:16 notice (3) 5:9;6:13;48:13 noticed (1) 47:5 number (3) 15:24;21:21;40:23 numbers (1) 6:11 nutshell (1) 21:16</p>	<p>officially (1) 13:4 offset (1) 43:10 often (1) 48:19 old (2) 59:3,4 older (2) 35:2;36:16 once (9) 8:3;13:3,6,16;14:9; 15:16;19:13;39:19;43:2 one (35) 4:17,20;5:4,5,7;6:14; 11:19;16:3,14;18:4; 22:22;23:8;31:17;32:5,7, 16;33:5;36:2,3;38:18; 39:22,24;40:15,20;41:5; 46:6;50:15;51:23;52:13; 53:19;56:2;58:3,23;59:4, 22 ones (4) 15:22;35:8;36:16; 60:19 online (3) 6:13;31:6;44:9 only (6) 32:5,7;41:7,22;43:8; 45:24 on-the-ground (1) 7:12 open (2) 15:19;50:24 operates (1) 42:7 operating (1) 11:21 operations (1) 55:9 Operator (1) 14:23 opportunities (1) 6:6 opportunity (11) 4:23;5:15;6:17,19;7:4; 8:4,12;13:24;14:5;30:3; 34:20 opposite (1) 40:13 option (4) 33:15;44:13;48:11; 54:9 options (3) 24:4,18;40:24 orange (1) 15:25 order (1) 43:7 ours (1) 56:11 out (26) 3:13,18;5:9;9:15;13:5;</p>	
			N		
		<p>name (7) 3:11;7:16;9:9;30:25; 32:9;34:21;35:21 Nancy (3) 47:6;48:1;51:11 natural (2) 11:3;48:1 near (4) 10:17;12:6;18:23; 51:25 necessarily (1) 26:18 necessary (2) 6:23;14:24 need (20) 3:4;10:18;11:14,16; 21:2;26:15,17,22;27:1; 28:21,24;29:9;32:14,23; 41:24;45:7,25;46:1;47:3; 51:10 needed (5) 3:5;14:22;19:15;29:1; 53:10 needing (1) 30:19 needs (10) 11:13;17:22;44:24; 45:16,21;46:19;47:22; 48:3,3,4 negotiate (1) 19:12 negotiations (1) 42:19 neighbors (1)</p>	<p>name (7) 3:11;7:16;9:9;30:25; 32:9;34:21;35:21 Nancy (3) 47:6;48:1;51:11 natural (2) 11:3;48:1 near (4) 10:17;12:6;18:23; 51:25 necessarily (1) 26:18 necessary (2) 6:23;14:24 need (20) 3:4;10:18;11:14,16; 21:2;26:15,17,22;27:1; 28:21,24;29:9;32:14,23; 41:24;45:7,25;46:1;47:3; 51:10 needed (5) 3:5;14:22;19:15;29:1; 53:10 needing (1) 30:19 needs (10) 11:13;17:22;44:24; 45:16,21;46:19;47:22; 48:3,3,4 negotiate (1) 19:12 negotiations (1) 42:19 neighbors (1)</p>	<p>objective (1) 22:19 obviously (5) 25:4,7;31:14;44:5;55:9 occasion (1) 20:14 occur (1) 24:16 October (2) 13:6,8 off (5) 16:9,20;34:17;42:22; 45:6 offered (1) 53:15 Office (1) 10:2 official (2) 4:9;14:4</p>	O

<p>22:25;25:12,14;26:1; 30:25;31:11;33:11; 34:23;38:19,23;44:17; 48:15;50:22;52:13,15; 53:24;54:2,9;55:2;59:5; 61:7</p> <p>outcome (1) 30:17</p> <p>outreach (1) 19:4</p> <p>outside (2) 44:11;50:25</p> <p>over (11) 4:20;8:2;16:4;17:5; 18:22;22:14,23;28:7; 32:5;56:3,17</p> <p>overall (2) 33:3;58:9</p> <p>Overland (7) 44:20,22,22;49:16; 50:1,10;51:4</p> <p>O-V-E-R-L-A-N-D (1) 44:23</p> <p>overseeing (1) 14:2</p> <p>oversight (1) 11:6</p> <p>overview (7) 7:16;9:9;11:24;14:18; 15:10,23;27:21</p> <p>own (1) 18:20</p> <p>owners (1) 53:22</p>	<p>parts (2) 29:21;40:25</p> <p>party (1) 22:22</p> <p>pass (1) 14:14</p> <p>past (1) 35:10</p> <p>payments (6) 42:17;45:20;49:15,17, 20;50:4</p> <p>PCA (1) 23:12</p> <p>people (11) 5:24;10:22;33:3;46:18; 48:20;52:1,6,9;53:15; 56:17;57:7</p> <p>people's (2) 25:24;57:4</p> <p>percent (2) 58:4,10</p> <p>period (4) 19:2,7;28:21;31:17</p> <p>permit (12) 4:6;8:10,11;11:14,20; 18:22;19:12;32:24; 37:19;38:17,17;50:25</p> <p>permits (7) 3:25;9:19;10:18;19:11, 15;21:2;43:1</p> <p>permitted (3) 14:13;17:17,17</p> <p>permittee (1) 37:20</p> <p>permitting (4) 10:15;11:11;12:13; 18:16</p> <p>perpetual (1) 38:5</p> <p>person (5) 5:14;9:11;32:5,7;46:14</p> <p>personal (2) 49:17;50:4</p> <p>perspective (2) 28:13;53:20</p> <p>P-E-T-E-R-S-O-N (1) 54:20</p> <p>Peterson (6) 34:5,7;54:19,19;55:14, 24</p> <p>pheasants (1) 55:1</p> <p>phone (2) 21:20;36:19</p> <p>picture (1) 27:2</p> <p>piece (2) 3:25;36:4</p> <p>Pine (1) 16:4</p> <p>pipeline (1) 46:10</p> <p>pipelines (1)</p>	<p>46:12</p> <p>place (5) 28:7;35:5,10;40:1;41:6</p> <p>placed (2) 19:21;43:13</p> <p>places (1) 41:3</p> <p>planned (1) 12:8</p> <p>plans (1) 35:7</p> <p>plant (1) 47:8</p> <p>Please (1) 32:9</p> <p>plenty (1) 32:13</p> <p>plus (1) 43:22</p> <p>pm (1) 61:11</p> <p>point (7) 9:13;14:5;17:19;19:11, 16;21:1;28:25</p> <p>points (1) 12:12</p> <p>pole (8) 20:16;39:21,21;41:22, 23,23;46:9;54:25</p> <p>poles (9) 20:20;39:19,20,23; 40:16;56:13,14;59:8,10</p> <p>Pollution (1) 10:13</p> <p>portion (7) 7:15,24;17:6,8,15;22:8; 49:22</p> <p>portions (3) 8:2;18:20;49:10</p> <p>possibilities (1) 52:7</p> <p>possible (2) 18:11;57:4</p> <p>possibly (5) 23:1;28:9;32:7;47:3; 49:20</p> <p>potential (15) 8:22,24;22:24;24:6; 25:1;27:3,7,12,16;28:15; 29:23;30:4;32:1;45:16; 59:19</p> <p>potentially (4) 8:25;10:20;26:13; 31:19</p> <p>Power (6) 18:17,18,21;35:12; 37:8;42:11</p> <p>pre-Civil (1) 35:1</p> <p>Prehn (3) 47:6;48:2;51:11</p> <p>Prehns (1) 47:17</p>	<p>preliminary (1) 15:16</p> <p>prepare (2) 9:24;23:22</p> <p>prepared (1) 49:13</p> <p>present (1) 22:23</p> <p>presentation (3) 7:15;8:3;54:23</p> <p>preserving (1) 35:5</p> <p>pretesting (1) 53:8</p> <p>pretty (5) 3:14;33:4;43:20;49:11, 11</p> <p>preview (1) 36:7</p> <p>previous (1) 35:3</p> <p>private (1) 41:23</p> <p>probably (5) 15:24;50:21;57:1;60:1, 22</p> <p>problem (3) 32:9;36:3;37:16</p> <p>procedures (2) 38:19;55:22</p> <p>proceedings (2) 48:20;61:11</p> <p>process (28) 6:17,18;8:10;9:10,17, 23;10:3,10;11:11;12:13, 14;13:8;14:4,9;15:11,14; 18:16,25;19:9,18;20:25; 24:20;30:9;37:25;38:23; 53:22;55:20;56:19</p> <p>processes (1) 53:19</p> <p>professional (1) 11:6</p> <p>progress (1) 51:15</p> <p>project (66) 3:20,22;4:16,19,22;5:2; 6:9;7:7,21,22,25;8:9,23; 9:8,25;10:6;11:9,25; 14:12,19,20,22,24;15:23; 17:14;18:14,15,19,20; 19:1;21:18,18;22:23,25; 23:4,11,25;24:8,19; 26:15,16,22,22,25;27:5,7, 17,18;28:18,21;29:1,10; 30:13,17;31:8,9,21;32:1, 21;38:14;44:10,16;46:21, 22;52:6;53:9</p> <p>projects (6) 6:25;23:16;25:1;47:3, 4;50:7</p> <p>project-specific (1) 31:7</p>	<p>properties (1) 56:6</p> <p>property (28) 17:10;26:4;28:10; 29:22;35:25,25;36:18; 41:24;42:12,22;43:3,10, 23;46:10,11,17;48:10,13, 16;49:17;50:4;53:21; 54:6;55:4,17;56:6;58:5, 13</p> <p>propose (2) 28:12,25</p> <p>proposed (19) 4:16;8:8,23;9:25;10:6; 12:5;14:18;15:22;23:7, 25;24:1;27:4,7,17,18; 28:17;44:6,12;50:5</p> <p>proposer (1) 7:21</p> <p>proposing (5) 9:1;12:2;17:15;28:24; 57:3</p> <p>provide (14) 8:8;9:5;10:4;11:6; 12:23;20:6;28:8,16; 31:19;40:22;50:8;51:10; 57:7;60:6</p> <p>provided (2) 29:12;49:8</p> <p>proximity (1) 54:2</p> <p>Public (33) 3:12,22;4:4,7;5:3,22; 6:10,15,16,19;7:5,17;9:7, 17;10:3,17,21;11:8; 12:17;13:17,22;15:20; 18:17;19:4,5,18;22:15; 23:5,20;24:3;38:22;45:2; 60:18</p> <p>publicly (5) 5:16,17,20;13:10;60:22</p> <p>PUC (4) 7:20;17:17;19:10,11</p> <p>pull (3) 25:22;29:20;43:6</p> <p>purpose (1) 8:7</p> <p>purposes (1) 14:21</p> <p>put (10) 24:3;26:24;28:7;30:2; 31:4;37:2;39:18;40:14; 41:22;47:8</p>
P				
<p>packet (1) 33:1</p> <p>page (4) 31:6,7,9;32:22</p> <p>paid (1) 50:8</p> <p>pamphlet (1) 53:24</p> <p>Panait (1) 9:9</p> <p>paragraph (1) 46:7</p> <p>part (17) 6:18;12:19,21,22; 13:15;15:6;17:14;20:15; 23:21;24:11,20;28:2; 36:25;42:15;46:23;54:7; 57:16</p> <p>participate (2) 6:17;8:12</p> <p>parties (3) 4:2;7:3;45:24</p> <p>partner (1) 45:12</p> <p>partners (1) 18:14</p>	<p>perpetual (1) 38:5</p> <p>person (5) 5:14;9:11;32:5,7;46:14</p> <p>personal (2) 49:17;50:4</p> <p>perspective (2) 28:13;53:20</p> <p>P-E-T-E-R-S-O-N (1) 54:20</p> <p>Peterson (6) 34:5,7;54:19,19;55:14, 24</p> <p>pheasants (1) 55:1</p> <p>phone (2) 21:20;36:19</p> <p>picture (1) 27:2</p> <p>piece (2) 3:25;36:4</p> <p>Pine (1) 16:4</p> <p>pipeline (1) 46:10</p> <p>pipelines (1)</p>	<p>portions (3) 8:2;18:20;49:10</p> <p>possibilities (1) 52:7</p> <p>possible (2) 18:11;57:4</p> <p>possibly (5) 23:1;28:9;32:7;47:3; 49:20</p> <p>potential (15) 8:22,24;22:24;24:6; 25:1;27:3,7,12,16;28:15; 29:23;30:4;32:1;45:16; 59:19</p> <p>potentially (4) 8:25;10:20;26:13; 31:19</p> <p>Power (6) 18:17,18,21;35:12; 37:8;42:11</p> <p>pre-Civil (1) 35:1</p> <p>Prehn (3) 47:6;48:2;51:11</p> <p>Prehns (1) 47:17</p>	<p>process (28) 6:17,18;8:10;9:10,17, 23;10:3,10;11:11;12:13, 14;13:8;14:4,9;15:11,14; 18:16,25;19:9,18;20:25; 24:20;30:9;37:25;38:23; 53:22;55:20;56:19</p> <p>processes (1) 53:19</p> <p>professional (1) 11:6</p> <p>progress (1) 51:15</p> <p>project (66) 3:20,22;4:16,19,22;5:2; 6:9;7:7,21,22,25;8:9,23; 9:8,25;10:6;11:9,25; 14:12,19,20,22,24;15:23; 17:14;18:14,15,19,20; 19:1;21:18,18;22:23,25; 23:4,11,25;24:8,19; 26:15,16,22,22,25;27:5,7, 17,18;28:18,21;29:1,10; 30:13,17;31:8,9,21;32:1, 21;38:14;44:10,16;46:21, 22;52:6;53:9</p> <p>projects (6) 6:25;23:16;25:1;47:3, 4;50:7</p> <p>project-specific (1) 31:7</p>	<p style="text-align: center;">Q</p> <p>quarter (1) 35:9</p> <p>quick (3) 7:16;11:24;22:7</p>
R				

<p>radial (1) 47:1</p> <p>raising (1) 58:9</p> <p>range (3) 45:7,11,16</p> <p>rates (1) 11:5</p> <p>rather (2) 30:11;39:20</p> <p>reach (3) 50:22;54:2,9</p> <p>read (2) 4:10;31:22</p> <p>reading (1) 25:13</p> <p>real (1) 22:7</p> <p>realistically (1) 51:1</p> <p>realize (1) 39:18</p> <p>really (10) 4:3,6,12;7:5,11;26:6; 31:24;32:12;48:17;49:9</p> <p>reason (4) 39:17,22,25;40:11</p> <p>reasonable (1) 11:5</p> <p>rebuilt (1) 59:7</p> <p>receive (3) 5:11;45:23;46:2</p> <p>received (1) 5:10</p> <p>recently (1) 18:5</p> <p>recommend (1) 58:15</p> <p>recommendations (1) 10:6</p> <p>recommending (1) 22:10</p> <p>record (2) 4:9;32:6</p> <p>recorded (1) 36:21</p> <p>recording (1) 36:20</p> <p>Reed (1) 57:19</p> <p>refer (1) 33:5</p> <p>referred (3) 22:4;23:23;30:11</p> <p>referring (1) 50:2</p> <p>regards (1) 51:18</p> <p>region (1) 14:24</p> <p>regional (1) 15:8</p>	<p>regularly (1) 53:15</p> <p>regulate (1) 11:2</p> <p>regulation (1) 11:7</p> <p>Reineke (9) 35:20,21,22;36:24; 37:12;38:2,8,13,25</p> <p>R-E-I-N-E-K-E (1) 35:22</p> <p>related (2) 18:22;29:9</p> <p>released (1) 13:20</p> <p>reliability (2) 15:2;30:19</p> <p>relocated (1) 16:9</p> <p>remember (2) 45:8;51:24</p> <p>remind (1) 60:13</p> <p>reminder (1) 60:7</p> <p>removal (1) 57:11</p> <p>remove (3) 21:13,14;59:8</p> <p>Renee (13) 33:18,19,22;34:1; 51:15,17;52:17,20;53:5, 14;54:1,8,14</p> <p>renegotiation (1) 57:16</p> <p>renewable (2) 15:1,4</p> <p>repair (1) 37:22</p> <p>repaired (1) 37:24</p> <p>replace (1) 56:13</p> <p>replaced (1) 17:22</p> <p>replacing (2) 40:15;57:25</p> <p>reply (2) 47:13,22</p> <p>report (1) 10:4</p> <p>reporter (2) 4:8;32:4</p> <p>represent (2) 7:22;35:23</p> <p>representatives (1) 51:23</p> <p>representing (1) 7:20</p> <p>requested (1) 44:20</p> <p>required (5) 5:18;11:17,20;37:22,24</p>	<p>requirement (2) 10:15;59:25</p> <p>requirements (1) 11:9</p> <p>requires (2) 37:20;57:15</p> <p>resiliency (1) 15:3</p> <p>resource (1) 29:11</p> <p>resources (5) 24:7,24;25:8;26:12; 44:11</p> <p>respect (4) 32:16;36:6;49:2,14</p> <p>respond (3) 49:1,25;55:15</p> <p>responsible (2) 36:14;54:7</p> <p>rest (1) 8:4</p> <p>restoration (1) 21:12</p> <p>restore (1) 21:13</p> <p>restoring (1) 35:5</p> <p>restrictions (1) 17:2</p> <p>revenue (1) 45:25</p> <p>review (21) 7:24;8:1;9:23;13:12, 21;18:7,13;19:7;22:3,3,9, 17,17;23:4,9,18,21; 33:10;42:15;44:5;45:20</p> <p>reviewed (1) 4:11</p> <p>reviews (1) 9:18</p> <p>Rich (43) 7:25;8:15;9:22;12:22; 18:12;19:9;21:25;22:1; 33:20,24;34:2,8,12,14,16; 35:18;37:3,18;38:6,11; 39:1,5,8;40:2,6;41:10; 42:4,13;44:3;48:25; 49:18;50:6,12;51:13; 54:17;55:25;56:24;57:1, 10;58:20,24;60:4;61:1</p> <p>RICK (7) 58:23,25,25;59:9,12, 21;60:3</p> <p>right (36) 3:9;16:14;17:7;19:23; 20:1,3,17,21;21:6,25; 30:15;31:5,10;33:6,8; 34:11,24;35:10,12,20; 36:9,10,13;39:4;42:3,12; 43:23;45:19;48:21; 51:16;54:2,14;55:13; 56:2,9;57:22</p> <p>rights (3)</p>	<p>36:2;42:17;48:21</p> <p>River (3) 4:15;16:7;58:18</p> <p>road (18) 10:17,18;18:1;35:10; 36:9,10,12;41:18,20,21, 25;42:24,25;43:6,7,10,12, 22</p> <p>roadway (1) 43:21</p> <p>Rochester (5) 12:8;16:5,6;17:5;18:17</p> <p>role (1) 22:9</p> <p>room (3) 3:15;16:22;28:5</p> <p>roughly (1) 35:9</p> <p>rounds (1) 15:18</p> <p>route (52) 5:7;8:10;9:1,1,19; 11:14,20;15:15;16:17,22, 25;17:6,9;18:6,12;19:3, 16;24:2;26:5,19;27:10, 10,15,23;28:12,12;29:12, 13,18,21;30:7,12;32:24; 35:24;36:1;39:11,13,16, 18;40:12,12,14,19,22,25; 41:4;42:5,7;43:2;44:9; 51:19;57:21</p> <p>routes (10) 15:13,21,22;17:9; 19:14;24:2,12;27:15; 28:1;53:21</p> <p>routing (4) 15:11;16:20;40:20; 53:19</p> <p>run (2) 12:5;16:25</p> <p>runs (3) 16:18;18:3;51:19</p>	<p>saying (4) 4:7;35:20;40:11;51:25</p> <p>scale (1) 49:21</p> <p>scalp (1) 31:25</p> <p>schedule (1) 18:25</p> <p>scheduled (1) 12:9</p> <p>Schwartz (2) 39:6,7</p> <p>scope (14) 8:13,16;9:3;12:20,23; 13:6,20;14:3;23:17; 25:17;44:24,25;49:11; 50:25</p> <p>scoping (11) 13:4,5;18:7;22:10; 24:22;25:15,16;32:18; 49:3,9,9</p> <p>screen (1) 55:11</p> <p>seated (1) 3:4</p> <p>second (1) 16:4</p> <p>section (3) 17:11;32:3;46:4</p> <p>sections (1) 50:4</p> <p>secure (1) 19:13</p> <p>segment (21) 9:1;16:3,6,7,9,14,25; 17:4,6,9,12,20,23,24; 18:2;20:18;27:10;28:12; 29:13;56:2,3</p> <p>segments (6) 15:25;16:2;18:2,19; 24:2;27:16</p> <p>selected (2) 19:14;26:6</p> <p>self (1) 21:3</p> <p>Senate (1) 11:1</p> <p>send (2) 25:20;31:14</p> <p>sensitivity (1) 51:5</p> <p>sent (2) 5:9;6:2</p> <p>separate (2) 12:4;18:22</p> <p>separates (1) 42:8</p> <p>September (1) 14:13</p> <p>service (5) 11:2;12:9;19:21;23:13; 52:15</p> <p>services (1)</p>
S				
<p>safe (1) 11:4</p> <p>safety (2) 40:8;45:2</p> <p>SAM (11) 3:1,11;7:16;19:8; 21:25;23:22;26:18; 38:16;60:15,17;61:9</p> <p>same (10) 5:6;13:18;20:5;25:12; 31:23;55:21,22;60:11,15, 20</p> <p>saw (1) 15:24</p> <p>S-A-Y-B-0-L-T (1) 57:19</p> <p>Saybolt (2) 57:18,18</p>				

<p>11:5 serving (1) 14:20 set (5) 3:6;21:7;35:12;43:15, 21 setback (1) 43:11 setbacks (1) 59:25 sets (1) 46:5 setting (1) 10:4 seven (1) 48:1 several (1) 4:17 shape (3) 8:19;12:25;13:19 share (2) 3:23,23 sharp (1) 20:14 shed (1) 54:25 sheet (2) 30:24;33:12 sheets (1) 31:18 shift (1) 22:13 shifted (1) 44:14 shifting (1) 28:9 shirt (1) 33:8 show (1) 5:25 shown (2) 15:25;45:10 shows (1) 15:15 side (12) 20:19;27:24;32:4; 37:19;39:24;41:18,20; 43:12,13;55:10;56:10; 58:18 sides (1) 43:6 sight (1) 58:10 sign (1) 33:16 signed (2) 33:22;56:15 significance (1) 26:2 similar (2) 50:6;53:3 simple (1) 30:25</p>	<p>single (3) 20:16;39:18,20 single-pole (1) 20:13 sit (1) 56:22 site (5) 9:19;59:13,14,17,19 sitting (1) 43:23 situation (1) 43:25 size (3) 26:15;30:13;60:1 slide (9) 10:8;19:22;21:24;22:6; 29:6;30:21;32:2,20;33:3 slides (2) 25:11;33:2 smaller (2) 20:22;37:7 snapshot (2) 12:10;22:7 socioeconomic (4) 45:21;46:3;48:18;50:3 soils (1) 36:4 somebody (3) 28:9,10;38:20 somebody's (3) 43:18,24;56:15 sometimes (2) 20:8;29:7 somewhere (4) 26:24;33:17;35:15; 57:5 sound (1) 33:20 south (8) 16:25;17:8;36:1;39:13; 40:12,25;47:2;56:3 Southern (4) 18:17;39:11;46:21; 51:18 space (2) 31:1;44:15 spaces (1) 53:7 span (1) 20:23 spans (1) 20:20 speak (9) 5:17;7:4;30:23;33:14, 15,17;41:8;60:22,24 speaking (1) 32:8 species (1) 25:24 specific (4) 20:2;26:4;28:23;29:22 specifically (3) 26:17;27:3,23</p>	<p>specifics (1) 42:15 spell (1) 32:9 spent (1) 47:17 spoke (1) 60:8 spoken (1) 60:14 square (1) 47:25 staff (2) 10:23;61:3 stakeholder (3) 7:5;19:4,17 staking (1) 21:3 stamp (1) 31:4 Stan (9) 35:19,21,21;36:24; 37:12;38:2,8,13,25 S-T-A-N (1) 35:22 standard (1) 49:12 standing (1) 7:18 standpoint (2) 30:19;40:8 start (11) 12:8;21:4,9;32:11; 33:17;34:17;35:15; 36:17;37:13;44:19;55:20 started (3) 3:2,10;52:4 Starting (1) 44:24 starts (1) 51:1 state (8) 10:9,11,19;11:1;32:9; 34:23;37:19;61:4 stated (4) 26:14;53:15,17;54:6 statement (9) 8:14,15;9:4,24;12:21; 14:10;23:23;49:18,24 State's (1) 8:9 stations (1) 29:19 stay (1) 59:3 steel (2) 20:13,16 step (1) 54:12 still (9) 3:4;5:18;6:6;9:12;20:9; 33:16;60:9;61:3,6 Stone (1)</p>	<p>46:24 stop (1) 60:12 stopped (2) 29:20;47:9 storage (1) 47:25 strategies (1) 24:9 stray (17) 36:25;37:1,5,10;51:22; 52:3,4,8,17,21,23;53:2,4, 6;54:22;55:3,16 Street (2) 51:19;57:19 stretch (2) 35:9;56:7 structure (2) 25:21;56:20 structures (8) 16:9;17:3;18:1;20:13, 13,15;21:11;40:20 studied (4) 8:20;13:4;18:6;58:15 studies (1) 45:13 study (9) 8:17;13:1,7,20,20,25; 18:12;19:10;30:15 studying (1) 12:24 stuff (9) 7:8;12:24;26:6;37:17; 38:12;41:3;42:16,17;52:3 subdivision (1) 48:16 submit (11) 5:20;19:1;30:23;31:10; 47:13;51:4,6,7;58:7;60:9, 11 submitted (5) 12:15;19:5;28:19; 31:12;47:16 subpoenaed (1) 51:8 subscribe (1) 32:25 substation (4) 16:5,6,24;17:5 Sueur (4) 41:16,17,20;42:1 suggest (3) 27:25;28:15;31:17 suggesting (2) 28:3,19 suggestions (1) 27:13 supply (1) 52:1 support (2) 15:7,8 supposed (1) 14:4</p>	<p>sure (14) 6:6;7:3;14:2;25:12,14; 33:23;42:9;44:23;45:7, 18;54:9;55:6;57:7;59:20 survey (1) 21:3 surveys (1) 21:3 System (8) 14:23;15:2,5,6;26:20; 30:11;31:13;37:13 systems (4) 36:6,9,12,15</p>
T				
<p>table (10) 24:21;25:17;27:25; 29:25;30:24;31:18;33:1, 9;44:25;49:3 talk (6) 6:21;8:16;19:9,24; 26:19;46:7 talked (4) 7:11;47:15,19;54:21 talking (9) 12:1;20:12;29:5;38:8, 9;46:8;51:20;52:21;53:3 taller (1) 39:23 tax (2) 49:17;50:4 taxpayer (1) 50:9 taxpayers (1) 58:14 TAYLOR (2) 34:19,21 T-A-Y-L-O-R (1) 34:21 team (1) 54:7 technical (1) 11:10 telephone (2) 11:3;36:11 tells (1) 31:12 ten (1) 35:8 term (1) 19:24 terms (4) 11:10,12,15;20:5 terrain (1) 20:24 test (3) 52:2,8,16 tested (2) 52:22;55:4 testing (2) 52:14;53:6 tests (1)</p>				

<p>52:9 Tetonka (3) 57:23,24;58:1 Thanks (2) 44:1;61:9 Thompson (13) 33:18,19,22;34:1; 51:15,17;52:17,20;53:5, 14;54:1,8,14 threatened (1) 25:24 three (7) 10:9;11:2;16:6,9; 17:12;18:19;47:17 thrilled (1) 33:21 throughout (3) 4:18;12:12;19:18 Thursday (2) 5:8;60:23 tile (3) 36:9;37:16;38:5 tiles (1) 38:6 timeline (1) 12:11 times (2) 5:6;42:19 timing (1) 30:14 today (16) 4:8,11,13,14;5:4,15; 6:4,20;7:20;9:8;12:20; 13:18;30:22;46:9;48:23; 61:10 tomorrow (2) 5:5;48:24 tonight (10) 3:13,16;4:17,21;5:2,5; 8:18;25:20;51:23;60:8 tools (1) 15:14 top (1) 31:10 topics (3) 31:24;32:18;49:5 totally (1) 37:6 tough (1) 29:15 towards (3) 24:23;32:17;44:21 town (2) 17:7;34:23 towns (2) 16:21;41:2 Township (8) 41:15,17,17,23;42:22; 43:22;49:20,22 townships (3) 23:15;42:9,9 Transmission (21) 4:15;8:10;10:16;11:17,</p>	<p>21;12,3;17:11,13;20:9; 26:23;27:1;28:1;32:23; 37:7;46:9,13,16;48:9,19; 54:5;56:3 Transportation (2) 10:13,17 trash (1) 35:11 travel (1) 60:25 treated (2) 6:3;60:15 tremendous (1) 58:13 Trevor (3) 7:19;9:7,14 trisects (1) 20:8 trouble (1) 38:20 trusting (1) 54:10 try (5) 23:14,19;32:11,16; 44:15 trying (5) 8:18;22:19,23;26:11; 32:6 two (12) 5:5,8;11:12;15:18; 17:4,6,9;20:14;35:7,8; 42:8,8 two-mile (1) 56:7 two-pole (1) 40:20 type (3) 26:16;30:13;32:5 types (1) 20:1 typical (3) 20:16,22;49:11 typically (8) 20:13,18;21:2;42:23, 24;43:9,12;45:9</p>	<p>9:18;22:4;23:10;33:10 units (1) 9:16 up (35) 3:3,7;5:11,17,25;6:12; 8:5;11:15;13:14;16:1; 17:25;19:20;21:15; 25:22;26:9;28:6;29:20; 31:4;32:10;33:16,22,25; 35:4,4;37:2;47:2;49:25; 50:14,14,24;52:12;55:10; 58:1,3;60:8 update (1) 15:6 updates (1) 32:25 upgrade (1) 15:6 Upper (1) 15:3 use (4) 11:11,12;40:15;55:22 used (3) 19:24;20:4;39:18 usually (6) 37:6,22;42:15;53:18; 54:12;55:10 Utilities (10) 3:12;6:10,15;7:17;9:7, 17;10:22;18:17;19:5; 38:22 utility (4) 11:5;45:23;48:14; 55:20 utility's (1) 53:20</p>	<p>Vince (2) 39:6,7 virtual (2) 5:8,13 visible (1) 58:6 voice (2) 6:16;34:20 VOLLVRECHT (7) 58:23,25,25;59:9,12, 21;60:3 V-O-L-L-V-R-E-C-H-T (1) 59:1 voltage (22) 8:10;11:17,20,21; 36:25;37:1,5,10;51:22; 52:3,4,8,18,21,24;53:2,4, 7;54:22;55:3,16;59:24 voltages (1) 60:1 volunteer (1) 34:10</p>	<p>weighted (1) 5:23 welcome (4) 27:13;28:4;54:16; 60:19 wells (1) 47:18 west (2) 17:4;56:2 Westad (2) 56:1,1 W-E-S-T-A-D (1) 56:1 western (2) 57:23;58:1 wetland (2) 35:13;36:2 wetlands (1) 25:23 whatnot (1) 55:21 what's (12) 23:7;28:17;29:1,12; 44:6,12,16,17;48:11; 49:2,5,6 whatsoever (1) 52:5 whittle (1) 26:7 whole (2) 8:4;15:23 wide (1) 41:22 wider (1) 59:23 width (3) 20:18;44:9;56:10 widthwise (1) 57:15 wife (2) 34:22;35:7 Wildlife (2) 23:13;25:23 wind (1) 50:7 within (6) 20:9;35:1;44:15;49:22; 54:1;57:12 without (1) 55:9 wonder (1) 5:25 wondering (2) 42:21;57:13 wood (1) 35:25 words (2) 45:1;46:6 work (5) 10:23;15:7;18:10;29:4; 53:22 worked (1) 21:1</p>
			W	
				V
		<p>valuable (2) 6:23;7:11 value (1) 59:20 values (1) 58:13 variety (2) 14:20,25 various (1) 24:7 Verbal (1) 30:22 verification (1) 15:18 versa (1) 42:2 versus (1) 40:12 via (1) 15:14 vice (1) 42:1 view (1) 22:20</p>	<p>walk (1) 3:3 walked (2) 24:22;33:9 War (1) 35:1 warranted (2) 53:11;58:11 Waseca (3) 41:16,19;42:1 water (1) 58:14 waterfront (1) 58:18 watershed (1) 58:18 Waterville (4) 16:15;41:14,16;57:19 way (22) 14:3;19:24;20:1,3,17, 21;21:6;24:16;26:21; 31:13;34:24;35:11;36:9, 10,13;42:18;43:11;49:12; 51:11;55:12;56:9;57:22 ways (2) 22:25;26:14 web (4) 16:16;31:6,7;32:21 website (3) 6:10;21:18;31:21 Wednesday (1) 5:7 week (4) 5:3;12:19;13:2;60:18 weeks (1) 13:12 weigh (1) 24:18</p>	
	U			
	<p>unbiased (1) 22:20 under (3) 6:10;35:8;52:20 underground (1) 47:25 understated (1) 45:6 understood (1) 45:19 UNIDENTIFIED (2) 34:10,13 unique (1) 27:18 unit (4)</p>			

<p>working (2) 10:11;19:23</p> <p>works (1) 9:22</p> <p>writing (1) 31:19</p> <p>written (7) 5:20,24;6:7;25:20; 28:20;60:9,14</p> <p>wrong (1) 40:4</p>	<p>161 (7) 12:4,7;16:8;17:20,25; 18:22;20:21</p> <p>1965 (1) 51:11</p> <p>1st (3) 6:8;28:20;31:16</p>	<p>48:17</p> <p>440th (3) 39:10;41:15;43:20</p>		
	2	5		
		500 (1) 20:23		
		6		
X	<p>20 (1) 47:6</p> <p>200 (1) 51:1</p> <p>2005 (1) 47:9</p> <p>2006 (1) 47:9</p> <p>2020 (1) 17:14</p> <p>2022 (1) 19:2</p> <p>2024 (4) 12:15,17;13:6;19:8</p>	<p>60 (5) 16:19;34:22,23;39:13; 56:8</p> <p>66 (1) 43:8</p> <p>66-foot (1) 41:22</p> <p>69 (6) 16:18,20;17:1,7;35:3; 41:1</p>		
<p>Xcel (11) 4:16;7:21;12:1,2; 14:15,17;18:15;30:4; 35:24;47:12;52:12</p> <p>Xcel's (1) 57:16</p>	<p>2025 (5) 13:9,16,22;14:11,13</p> <p>2026 (1) 12:8</p> <p>2030 (2) 12:9;19:21</p> <p>20-mile (1) 12:4</p> <p>216E12 (1) 48:16</p> <p>22-532 (1) 6:11</p> <p>23 (1) 19:2</p> <p>23-157 (1) 6:11</p> <p>24 (1) 19:3</p> <p>26 (2) 19:8,20</p> <p>260th (1) 51:19</p> <p>26th (1) 12:16</p>	<p>7</p> <p>7:28 (1) 61:11</p> <p>70 (2) 37:15,15</p> <p>75 (4) 20:19;35:1;43:11; 56:10</p>		
Y		8		
<p>yard (2) 35:12,13</p> <p>yards (1) 55:7</p> <p>year (3) 4:20;15:19;19:6</p> <p>years (4) 35:4;38:9;47:6;56:15</p> <p>Yep (2) 54:18;59:11</p>		<p>80 (6) 10:22;20:21;37:15; 57:24;58:2,3</p> <p>800 (1) 20:20</p> <p>813 (1) 57:18</p> <p>8789 (1) 34:22</p>		
Z				
<p>zoom (2) 29:21,21</p>				
1	3			
<p>100 (7) 11:22;20:17,22;55:7; 56:15;58:4,9</p> <p>112 (1) 35:3</p> <p>115 (2) 16:23;40:19</p> <p>120 (1) 20:17</p> <p>1200 (1) 20:20</p> <p>13.25 (1) 47:24</p> <p>130-mile (1) 12:3</p> <p>150 (4) 20:18;43:22;56:10; 58:4</p> <p>1500 (1) 11:22</p> <p>150-foot (3) 41:21,24;43:7</p>	<p>3,000 (1) 45:9</p> <p>300 (4) 11:18;20:23;55:7,10</p> <p>345 (12) 4:15;12:3,5;16:11,22; 17:13,21;18:1;20:17,18; 46:23;58:2</p>			
	4			
	4 (1)			

In The Matter Of:

*Mankato-Mississippi River 345 kV TL Project
Info & Scoping - 22-532 & 23-157*

FARIBAULT - 7-9-24 - 11:00 A.M.

July 9, 2024

Faribault - 7-9-24 - 11:00 a.m.

Shaddix & Associates

7400 Lyndale Avenue South

Suite 190

Richfield, MN 55423

Page 1

1 SCOPING AND INFORMATIONAL MEETING - 22-532 & 23-157
 2 FARIBAULT - JULY 9, 2024 - 11:00 A.M.
 3 BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION
 4 AND DEPARTMENT OF COMMERCE
 5
 6 In the Matter of the Application of Xcel Energy
 7 for a Certificate of Need and Route Permit for the
 8 Mankato - Mississippi River 345 kV Transmission Line
 9 Project in Southeast Minnesota
 10
 11
 12 MPUC DOCKET NOS: E002/CN-22-532
 13 E002/TL-23-157
 14
 15
 16
 17 American Legion
 18 112 5th Street NE
 19 Faribault, Minnesota
 20
 21 JULY 9, 2024
 22
 23
 24
 25 COURT REPORTER: Janet Shaddix Elling, RPR

Page 2

1	I N D E X	
2	SPEAKER	PAGE
3	Sam Lobby	3
4	Ellen Heine	14
5	Rich Davis	23
6	Carol Overland	34
7	Dale Thomforde	40
8	Michael Chase	47
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Page 3

1 **MR. SAM LOBBY:** All right. Good morning.
 2 Thank you so much for coming out today. We'll go
 3 ahead and get started here, it's 11:00 a.m.
 4 So I am Sam Lobby with the Public
 5 Utilities Commission. We're a state agency. And I
 6 just want to start by thanking you all for coming
 7 here today. This is a great showing here today, we
 8 have a lot of folks, so we appreciate you coming. I
 9 know it's an extra thing to come here and taking
 10 time out of your day, so we really appreciate you
 11 being here. Just so you know, I like to let folks
 12 know that your presence is not only appreciated, but
 13 really important to the decision-making process.
 14 The Commission really puts a lot of
 15 weight on what members of the public in the project
 16 area have to say about these projects because you
 17 guys live in the area, you're the ones who are going
 18 to have to be around where the project is and you
 19 know the area the best and since you know the area
 20 best you can help us to make a decision if the
 21 project will be permitted at all. And if it does,
 22 then your comments can help us to shape it in a way
 23 that will hopefully work out well for everyone.
 24 And so thanks for coming today for this
 25 345 kilovolt transmission line project which is

Page 4

1 being proposed by Xcel Energy.
 2 Today we're having a public information
 3 and environmental scoping meeting. So what that
 4 means is we're going to start with the public
 5 information part of the meeting where we tell you
 6 about what the project is and how that process works
 7 and introduce you to the parties.
 8 And then we will talk about the
 9 environmental scoping piece. Rich with the
 10 Department will go into more detail on that. But
 11 just kind of a snapshot, the environmental scoping
 12 meeting, if you're not familiar with what that
 13 means, basically we do an environmental study on the
 14 project, it's a months-long study. And so part of
 15 what today is about is we're not totally sure of
 16 everything that we're going to study and so we want
 17 to get comments from you all to help us shape what
 18 we're going to study. So that's where we're really,
 19 really thankful for this many folks coming out
 20 today, because a good turnout will help us determine
 21 what we're going to study as part of the project.
 22 So we have public meetings all week. We
 23 had two yesterday, one in Mankato and then the other
 24 one was in Waterville. Today we are here, of
 25 course. And we have another one in person in Pine

Page 5

1 Island this evening from 6:00 to 8:00, and the
2 tomorrow we have one in Kellogg, Minnesota from 6:00
3 to 8:00, and then again on Thursday we will have two
4 virtual meetings.
5 So all of the meetings are going to cover
6 the same material, but you're more than welcome to
7 come to more than one if you'd like.
8 You're not obligated to make comments
9 today, but if want to you are more than welcome to
10 speak publicly to make comments. But if, you know,
11 for example, you leave here today and you think
12 about something later tonight or tomorrow and you
13 want to vocalize that, you can come to the virtual
14 meeting, so you don't have to leave home or
15 anything. But there's also a written comment period
16 that closes on August 1st and so you'll have until
17 August 1st to submit comments to the record.
18 And just so you're aware, the comments
19 that you give in person here today or in the written
20 record, they're weighted the same, so you don't have
21 to feel like if you don't want to speak and you
22 would prefer to write in your comment, it's not like
23 that would be looked at as something less than
24 speaking publicly, so whatever you're most
25 comfortable with.

Page 7

1 residents in the area.
2 So that's what today is about, we want to
3 hear from you and give you all a voice and a chance
4 to let us know what you think or to ask questions or
5 anything that could help the commissioners with
6 making a final decision. So I'll keep saying it, we
7 really appreciate you being here today so thanks
8 very much for your presence.
9 So, with that, I'll go ahead and dig in
10 with the project.
11 This is a quick agenda for today.
12 My name is Sam Lobby, once again, with
13 the Public Utilities Commission. Over there sitting
14 in the blue shirt is Trevor Culbertson, he is one of
15 my colleagues. And then I'll give a little
16 presentation on how the process works, the
17 permitting process.
18 Then Ms. Heine with Xcel Energy will be
19 giving an overview of the project itself.
20 And then, lastly, Mr. Rich Davis here
21 with the Department of Commerce EERA will be talking
22 about how the environmental scoping process works
23 and what we're looking for from you. And then so
24 that'll probably take 30-ish minutes, maybe 40
25 minutes.

Page 6

1 So the project can be found on the Public
2 Utilities Commission website under docket numbers
3 22-532 and 23-157. You can see those up on the
4 screen there. And we do, as you came in we do have
5 copies of the presentation so you can take a copy of
6 that. There's also a copy of the meeting notice,
7 which many of you probably got in the mail or you
8 maybe learned about it otherwise, but in the meeting
9 notice there is information about how to access
10 these things on the Public Utilities Commission
11 website. So if you want those instructions, that's
12 a good place to find them.
13 So, with that, just one more piece I'll
14 state here and then we'll dig into the meat of the
15 presentation. But just so folks are aware of how
16 these processes work, the Public Utilities
17 Commission, we're a state agency and we regulate
18 electric utilities. So we are not affiliated with
19 the company, we're not for or against this project
20 or any other project that comes before us. We're
21 here to provide a space for all of the different
22 interested parties to speak and say their piece.
23 Many, many years ago there wasn't this
24 opportunity for public input, but now we realize how
25 critically important it is to get input from local

Page 8

1 Then once we're done with the
2 presentation, the rest of the meeting will be for
3 public comments, for you all to come up and talk at
4 the microphone, or listen, whatever you prefer to
5 do.
6 So the purpose of today's meeting is to
7 provide information about the proposed project as
8 well as information about the state's high voltage
9 transmission line route permit process. We want to
10 provide you an opportunity to participate in
11 developing the scope of the environmental impact
12 statement, so if you see the acronym EIS, that means
13 environmental impact statement. And, again, we'll
14 talk more about that.
15 So in developing the scope, what we're
16 looking for is comments on potential impacts of the
17 proposed project as well as commenting on methods to
18 minimize, mitigate, and avoid potential impacts,
19 which may include proposing an alternate route or
20 route segment.
21 Also, we provide contact information in
22 case you have any questions later. And just one
23 note here for this project, the lead with the Public
24 Utilities Commission, his name is Cezar Panait and
25 he couldn't be here today, unfortunately, so Trevor

Page 9

1 and I are filling in. But we are still involved
 2 with this project, so longer term, this whole
 3 process will take over a year, so in the longer term
 4 Cezar Panait is who you'll probably interface with.
 5 But with that said, you can reach out to
 6 Trevor or myself at any time and we can either try
 7 to answer your question or direct you to Cezar or
 8 somebody else who might be able to help. But the
 9 phone is always on and we're happy to take questions
 10 and help you with anything that you have.
 11 So the government units that will be
 12 involved in this process are, of course, the Public
 13 Utilities Commission. We are the government unit
 14 that reviews applications and issues site and route
 15 permits in Minnesota.
 16 There's also the Department of Commerce,
 17 which manages the environmental review process for
 18 the Commission and prepares an environmental impact
 19 statement on the proposed project.
 20 An administrative law judge from the
 21 Office of Administrative Hearings will facilitate a
 22 public hearing later on in the process and they will
 23 provide a report to the Commission setting forth
 24 findings of fact, conclusions of law, and
 25 recommendations on the proposed project.

Page 11

1 we provide independent professional oversight of
 2 utility service providers in a manner that is
 3 consistent with the public interest.
 4 So as far as the permitting is concerned,
 5 there is a couple of technical terms that have been
 6 used here so these are important terms that you'll
 7 see as you follow the project. The two things that
 8 need to be given to Xcel to do this project are
 9 called firstly a certificate of need. So any high
 10 voltage transmission line with a capacity of 300
 11 kilovolts or more and with more than one mile of its
 12 length in Minnesota, that would require what's known
 13 as a certificate of need.
 14 And then there's also a route permit, so
 15 they need to have a permit that says that they are
 16 allowed to go with the selected. So any high
 17 voltage transmission line with a nominal voltage of
 18 100 kilovolts or more and greater than 1500 feet in
 19 length.
 20 I won't get into too much detail here
 21 because the Applicant will discuss the actual
 22 project itself.
 23 Xcel is proposing to build a new
 24 approximately 130-mile 345 kV transmission line and
 25 a separate new 20-mile 161 kV line. The proposed

Page 10

1 And in a couple slides I'll give you a
 2 timeline of the different process steps and talk
 3 again about the judge and their role in this.
 4 What is not listed on the slide are other
 5 government units that will be somewhat not as
 6 directly related as, you know, the ones listed up
 7 here. But we do have a lot of consultation and work
 8 with agencies like the Department of Natural
 9 Resources, the Department of Transportation, the
 10 Pollution Control Agency, and all sorts of different
 11 state agencies. We also really like to hear from
 12 local units of government, again, because those are
 13 the folks that know the most on the ground because
 14 you guys live in the area. And occasionally some
 15 federal agencies potentially as well.
 16 So a little background on who the Public
 17 Utilities Commission is. The Commission consists of
 18 five commissioners that are appointed by the
 19 governor and confirmed by the Senate. And there are
 20 around 75 to 80 staff members and I am one of the
 21 staff members for the agency.
 22 We regulate three service industries,
 23 electricity, natural gas, and telephone. Our
 24 mission is to ensure safe, adequate, and efficient
 25 utility services at fair and reasonable rates. And

Page 12

1 345 line will run from Mankato to the Mississippi
 2 and crossing near the 161 line that would be north
 3 of Rochester. Construction is planned to start in
 4 2026 and the project is scheduled to be in service
 5 in 2030 if it does get the permit from the Public
 6 Utilities.
 7 So just a little timeline, as I had
 8 mentioned, kind of a snapshot of what to expect.
 9 So the application was submitted in April
 10 of this year and the Commission then officially
 11 accepted the application on June 26th of 2024. The
 12 third one down is the public information meetings,
 13 and that's where we're at today. So at the
 14 beginning of this presentation I had mentioned that
 15 one of the big parts, the main reason that we're
 16 having this here today is to help develop the scope
 17 of the environmental study. So getting input and
 18 feedback from you all on what you think we should
 19 look into. Then after this, then we will take all
 20 that information and come up with a scoping
 21 decision, which is estimated to come out in October
 22 of 2024. So then that's based on your input here's
 23 what we're going to study.
 24 Then the study will actually commence and
 25 so that study will go from October of 2024 to March

Page 13

1 of 2025. So it's a very comprehensive study, it's a
2 months-long thing, and we look very closely at it.
3 And then once that draft comes out, that will come
4 out in March, we'll release it early enough that you
5 all have a chance to review that and read it, you'll
6 have a couple weeks or a month or so to digest that
7 and get a sense of what's in it.,
8 And then we will hold another public
9 hearing in April of 2025 exactly like today, in the
10 same place, everything is the same, but whereas
11 today we're getting feedback from you on what we
12 should study. And in April of 2025 you will have
13 then seen the draft that was released and then you
14 can tell us did this meet the things that you were
15 wanting us to study, and look at other things that
16 we missed, are there things that we could have more
17 detail on or things like that. That's an
18 opportunity for you to provide us feedback on what
19 was actually studied.
20 Then after that we'll take that feedback
21 and reincorporate it and then a final environmental
22 impact statement will be issued in either June or
23 July of 2025. And the Commission tentatively is
24 scheduled to make a final decision in September of
25 2025. So it is a pretty long process. There are a

Page 15

1 a little bit. But I will do my best.
2 So just initially I just wanted to tell
3 you a little bit about how this project came about.
4 This was identified from MISO, the Midcontinent
5 Independent System Operator. It's the regional
6 transmission organization that we are working with.
7 So they identified this project as needed to support
8 energy needs in Minnesota and throughout the region
9 in this area.
10 And just some notes about this project
11 and some of the similar projects like it, it adds
12 capacity to accommodate increasing amounts of
13 renewable energy on the system throughout the area,
14 it improves reliability and system resilience within
15 the area as well on the grid. It also creates more
16 access to low-cost renewable energy as some of the
17 developing in different areas are away from some of
18 those like central hubs for the traditional
19 generation that's been primary in the past.
20 Upgrading existing infrastructure also is part of
21 this. When possible, collocating with the existing
22 lines. And it helps support regional economic
23 growth to developing energy infrastructures in those
24 locations.
25 I just wanted to give a little bit of

Page 14

1 lot of different opportunities for the public to
2 comment.
3 So in this case for this particular part
4 of the process, the comment period ends on
5 August 1st. But with that said, even if it's
6 outside of a comment period, if you have questions
7 or anything that you're concerned about or want to
8 chat with us about, you're always more than welcome
9 to contact the Public Utilities Commission or
10 Commerce and they're more than happy to talk to you
11 about the questions even if it's outside the comment
12 period.
13 With that, I will go ahead and pass it on
14 to Ms. Heine with the developer.
15 Oop. Sorry. You can control it, I won't
16 touch it here.
17 **MS. ELLEN HEINE:** Thanks, Sam.
18 Yeah, I'm Ellen Heine with Xcel Energy.
19 A number of you probably have seen that we've got a
20 whole bunch of folks from the project as well to
21 help out with questions.
22 I am going to tell you all that I was
23 given a note from a little bird that reminded me to
24 slow down. So if I start talking too fast, which I
25 tend to do that, that will encourage me to slow down

Page 16

1 background on the routes that you see here that have
2 been proposed. The process that we went through to
3 develop those, it's been a multistep iterative
4 process where initially we looked at maps and a lot
5 of data and information that we had and developed
6 some preliminary routes through a desktop
7 development. And then we did some field
8 verifications where we went and drove around and
9 looked at some of those routes. And also we did two
10 rounds of open houses last year to get feedback from
11 the public and get more information about some of
12 those routes.
13 So the routes that you see on here have
14 been adjusted and refined based on that information
15 and feedback that we got last year during that
16 development process.
17 And so we submitted these routes in our
18 application to the PUC, as Sam described, and I'm
19 going to give you a brief overview of each of those
20 here.
21 So just the overall map, project map,
22 we've identified it kind of as four separate
23 segments. It's all one project, but just to make it
24 easier to kind of digest.
25 Segment one is between Mankato and

1 Faribault, and there are essentially two route
2 options there. And then segment two, which is shown
3 in the purple there from Faribault over to the North
4 Rochester substation, which is in Pine Island.
5 Segment three goes from that North Rochester
6 substation to the Mississippi River near Kellogg.
7 And segment four is actually a 161 line which is
8 being relocated to accommodate the proposed 345 kV
9 on part of segment three.
10 So segment one, essentially there's two,
11 there's a north and a south in the application. We
12 describe them as one north and one south, but
13 there's some connectors in between there. It's
14 about 40 miles long, and the north route primarily
15 follows an existing 115 kV line that's located
16 there. They are two-pole H-frame structures.
17 There's a section where it goes south and shares a
18 common segment with the south segment because we
19 couldn't place the line south of the Mankato airport
20 because of some easements that the city has that
21 restrict going there.
22 And the south route on segment one,
23 there's a combination of following an existing 69 kV
24 in some areas where that 69 kV, which is a much
25 smaller line goes through some towns along the way.

1 the existing poles on that same alignment. So they
2 wouldn't actually rebuild the line in that section,
3 but that first 16 miles, there the 161 kV line that
4 we're talking about as part of this project is
5 located on those structures and so it would need to
6 be relocated. So that's actually segment four,
7 which I'll show you in a second here. Then there is
8 another portion on the map you see, it's called
9 Wabaco Junction there. There is a Dairyland Power
10 161 kV line that's on the second side of those poles
11 and that portion from that point over to the river,
12 and Dairyland Power does have a separate project
13 that is being permitted in the PUC process as well
14 to relocate that 161 kV line.
15 And then segment four. So this is the --
16 these are the alternatives for the 161 kV line for a
17 portion of that, to remove it from the CapX
18 structures there are actually more route segments on
19 this than some of the 345 kV lines just because of
20 the location. There's a few more constraints
21 because of the location that needs to get through.
22 And I will just note on this one that we
23 did file -- there's a dashed line that you see that
24 goes kind of through the middle of that larger
25 triangle, and we did file an additional alternative

1 We've routed around those towns where there is more
2 room for a wider right of way.
3 And segment two, between Faribault and
4 the Rochester substation, 35 to 40 miles, depending
5 on which route would get selected. The north route
6 in that segment mostly follows an existing 69 kV
7 line, but where it comes out of Faribault, it's in a
8 new corridor because the 69 kV line goes right
9 through town here and it's just a pretty small right
10 of way and it wouldn't be as good for a 345. So
11 then it does follow a 69 kV line along that route
12 for a ways.
13 The south route on this is what we called
14 a greenfield route, so it's not following any
15 existing transmission line, it would be a new right
16 of way for that one.
17 Segment three is about 26 miles long
18 between the river and the substation, and that
19 segment actually is the -- it's the location of an
20 existing 345 kV line that was permitted as part of
21 the CapX 2020 project a number of years ago. So
22 there's currently that first portion of that line,
23 about 16 miles of that are double-circuit 345 and
24 161 kV line, and what we're proposing is that the
25 new 345 kV line will be placed on the other side of

1 to be included in the scoping study. We initially
2 looked at that and there's an existing 161 kV line
3 on that corridor and initially our information was
4 that we couldn't double-circuit those because of
5 reliability, but after doing some additional study
6 and working with our utility partners we were able
7 to determine that that's possible and so there will
8 be also an option to double-circuit that one that
9 will get studied as part of this review.
10 And just to note, we do have project
11 partners that are part of this. Xcel Energy is
12 leading this permit development and permitting
13 process, but those portions of segment three and
14 segment four are co-owned with Dairyland Power,
15 Rochester Public Utilities, and Southern Minnesota
16 Municipal Power Agency, so they are co-owners of
17 those parts of the project, but we are just the lead
18 on the permitting process.
19 And then just the anticipated schedule.
20 This kind of piggybacks on what Sam had talked
21 about. The project was identified by MISO in 2022
22 and our route development process started in 2023
23 with the stuff that I was talking about, and how it
24 reaches engagement.
25 Preliminary engineering has been done and

Page 21

1 we did file our application to the PUC earlier this
2 year. At this point we're in that permit review
3 process with the PUC and Department of Commerce.
4 And at a point where we receive a route permit,
5 assuming that we do, they'll complete final
6 engineering and negotiate with landowners to secure
7 the route that gets selected. And then also acquire
8 the additional permits that would be required
9 through the DNR and other agencies as part of the
10 process.
11 And throughout that, continued public and
12 stakeholder engagement is ongoing during that stage.
13 Construction, we're anticipating, would begin
14 probably in late 2026 and continue through early
15 2030. And then placement of that line in 2030.
16 And then I just wanted to highlight
17 quickly that in working with landowners there are
18 two terms that we use interchangeably a lot, but I
19 just wanted to note. The easement, that's permanent
20 and located there, and that's a legal thing that our
21 agents would work with landowners on acquiring.
22 We also talk about right of way. We've
23 described how there's a 150-foot right of way for
24 the 345 kV line. Sometimes that's the corridor that
25 that entire thing is located in, and it's more of a

Page 23

1 completed and we've got access and ready, they will
2 bring equipment onsite to do the construction.
3 Foundations get installed first, so we get those put
4 in, and then come through and install the structures
5 on top of that. And it usually happens in segments,
6 so one end to another, so a lot of times these are
7 not happening at the different portions of the line,
8 but it follows a sequence. Then once the line is
9 complete, then crews come back and do restoration
10 and repairs and seed and things like that to get it
11 returned back to the -- to get the soil back to its
12 original.
13 And then this is just to show we have a
14 project website and also a project email there that
15 is monitored regularly. And so if you've got any
16 questions about it or need more information, you can
17 go to that website or reach out to us and my contact
18 information is also in here as well.
19 **MR. RICH DAVIS:** Thank you, Ellen.
20 My name is Rich Davis, I'm with the
21 Minnesota Department of Commerce Energy
22 Environmental Review and Analysis Unit. As Sam had
23 mentioned, we are tasked with essentially trying to
24 get your comments and put together a scope for the
25 environmental impact statement that we're going to

Page 22

1 general statement of where it is on the land. And
2 sometimes that right of way is shared. If it's
3 adjacent to a road, we often share some right of way
4 with those so that wouldn't require an easement for
5 that portion of it.
6 So the transmission line infrastructure
7 that we're proposing, we're anticipating steel
8 transmission infrastructure, steel pole, so just one
9 pole on a foundation. The typical pole height for
10 the 345 kV is 100 to 150, but depending on the
11 terrain, 150 would be on the high side for the 345,
12 with 150 feet and 75 feet to either side of center,
13 and the span lengths are between 800 and 1200 feet
14 between structures, and that also depends on the
15 terrain. And the 161 kV line, that's typically a
16 80- to 100-foot right of way for that, and those
17 span lengths are 300 to 500 feet.
18 And this is just kind of a typical
19 construction sequence, the process for once we begin
20 building on line. They start doing the soil
21 surveys, they'll do staking at each location and
22 right of way width. And then crews come out and did
23 all that construction access, if they need to
24 install construction matting or doing things to get
25 into those places. And then once the clearing is

Page 24

1 produce and do an analysis through this process.
2 Just a real brief agenda on kind of what
3 I'm going to cover. We're looking at what our role
4 is for environmental review and the scoping process
5 and how you guys get comments in for that, let us
6 know what you would like us to look at, recommending
7 alternatives, and specifically how to comment and
8 then we will open it up for comments, questions, and
9 some discussion.
10 So, first off, our job at Commerce, we
11 conduct the environmental review for the Commission.
12 We're doing that objectively for a third party.
13 We're neutral, we're not biased or advocating for or
14 against the project. We're just looking at the
15 project and on potential impacts of the project and
16 how to avoid some of those or minimize the impacts
17 for potential mitigation actions. When we do the
18 EIS, we're looking for potential human and
19 environmental impacts, and ultimately our goal is to
20 produce an environmental review document for the
21 Commission that can be used to understand the
22 project potential impacts and mitigation options and
23 help them make an informed decision when they are
24 making a final decision on the permit.
25 Additionally, with that, in addition to

Page 25

1 public meetings and things like this, we also talk
 2 with other state and federal agencies and coordinate
 3 with them to get comments or their thoughts on the
 4 routes that have been proposed, or alternatives
 5 they'd like us to look at. We also receive
 6 information from them on other permits that will be
 7 required for the project from those individual
 8 agencies that they'll have to -- that Xcel will have
 9 to apply for and receive from them so the project
 10 can proceed. And also coordinate with native tribes
 11 on issues that impact their lands as well.
 12 More specifically, on the environmental
 13 impact statement, or the EIS, what we produce that
 14 document for, our environmental review, it kind of
 15 gives us a rundown of what it is going to be
 16 included and describes the proposed project and the
 17 alternatives that are looking forward in the scoping
 18 process. We study and look at human and
 19 environmental impacts, identify strategies to avoid
 20 and minimize any impacts, and very specifically list
 21 out impacts that cannot be avoided so commissioners
 22 will know specifically if the searched route and
 23 route segment, that we call out impacts that there
 24 is no way for us to get around them, they're going
 25 to happen if you pick that option.

Page 27

1 going to be looking at. And you can ask or provide
 2 comment of something specific that you could like us
 3 to include in that as we develop the scope.
 4 And for purposes of scoping, the
 5 questions that are up on the screen right now, I'm
 6 going to read them all just so that they're
 7 consistent from meeting to meeting. But these are
 8 meant to tailor or help me focus on comments that
 9 will provide us really useful information as we're
 10 going through the scoping.
 11 You can provide comment on anything that
 12 you would like, but these focus questions do help us
 13 get to the topics that we're trying to focus on.
 14 So we're looking at are there other ways
 15 to meet the stated need for the project? For
 16 example, a different size project or a different
 17 type of facility. This references what Sam had
 18 mentioned, was the certificate of need or the CN
 19 process, and these are referred to as system
 20 alternatives. Just to clarify that it's looking at
 21 will there be a different type of project or a
 22 different size of transmission line that would meet
 23 the need of the proposed project that would be
 24 better than the transmission line that's being
 25 proposed.

Page 26

1 And, again, we do not advocate for or
 2 against the projects.
 3 As for the scoping, I like to tell people
 4 that we're here to get information from individuals
 5 that live here that are local, that may not -- that
 6 may know about things that I can't see if I pick up
 7 a map or get data from a consultant or something
 8 like that, things that are local. That even
 9 something specific about your property that we're
 10 not going to know about because those are the things
 11 we can't see when we're trying to put the scope
 12 together and what we're trying to analyze and what
 13 we're trying to look at. And as we go through the
 14 scoping process, we're trying to develop a table of
 15 contents that is solid for us to study and analyze.
 16 Over on the table as you walked in is a
 17 draft scoping decision document, is what it's
 18 called, and towards the back of that there is a
 19 table of contents that lays out the areas that are
 20 standard resources that we look at as we go through
 21 the EIS process and scoping process.
 22 So if you have questions regarding -- if
 23 we're looking at A, B, or C, as far as a resource
 24 goes, or potential impacts to those resources, that
 25 gives you an idea of what larger categories we're

Page 28

1 Second, what potential human and
 2 environmental impacts of the proposed project should
 3 be considered in the EIS? And that's completely
 4 open to take a look through that table of contents
 5 that we have in our draft here. And if you want to
 6 fill that in with some suggestions, by all means,
 7 please comment on that.
 8 Are there any methods to minimize,
 9 mitigate, or avoid potential impacts of proposed
 10 projects that should be considered in the EIS? Are
 11 there any alternative routes or route segments that
 12 should be considered in the EIS to address or
 13 mitigate potential impacts associated with the
 14 proposed project? That's a lot. I've got another
 15 slide coming up that's just on route alternatives so
 16 I would hold off on an explanation until there.
 17 And then are there any unique areas that
 18 should be considered in the EIS? Again, that's
 19 local stuff that we can't see all the time or we
 20 don't know about how that has significance to the
 21 local communities or FARIB landowners and things
 22 like that.
 23 So we are still in the scoping process.
 24 Just a real general statement on that. We take the
 25 comments from these public meetings and once that

Page 29

1 are submitted in written form during the comment
2 period, and then we take comments from other state
3 and federal agencies as well and we will take those
4 and develop that. And we'll actually file our
5 proposed as to what we carry forward either before
6 the EIS process, or writing process, begins.
7 All right. And route alternatives, when
8 people are thinking about route alternatives or
9 route segment alternatives to recommend, we need
10 some context and some detail as to what that
11 alternative will mitigate as far as impacts. So
12 this is some suggestions of things as you carry or
13 move them forward.
14 If you'd like to suggest one impact of
15 what has been proposed of the project, and then
16 obviously a suggested detailed alternative on a
17 recommended map with the GIS folks here. And we
18 have folks that can help you zoom in on parts of the
19 routes or on your property specifically. And we'd
20 use those maps to look at alternative routes or
21 route segments, because we have to be able to scope
22 it and evaluate an alternative, we have to be able
23 to actually put it on paper or on a map to be able
24 to look at those resources that are in that area to
25 be able to compare to what's being proposed. And,

Page 31

1 that we can capture them in our analysis. If they
2 carry forward, the study is in the EIS.
3 Also, just something to mention, in the
4 process of suggesting alternative routes and route
5 segments, if one of those is selected by the
6 Commission, that can become an issue where Xcel
7 would have eminent domain to be able to acquire that
8 ground to make that all work. So that's just -- I'm
9 not saying that that happens in every case, but
10 that's something to keep in mind as you're
11 suggesting alternatives and segments to the routes
12 and things like that.
13 Again, on the certificate of need, or CN
14 alternatives, in our EIS we will study a no-build
15 alternative, which basically looks at what happens
16 if the project is not constructed. If you have
17 system alternatives, again, that's different than a
18 route alternative, it's looking at the project as a
19 whole and what the project is needed for and the
20 intent of it. A system alternative would be
21 something that is of a different size, a different
22 type, or a difference in timing of things. So it
23 can be a different size transmission line. Again,
24 it could be distributed energy generation in another
25 location that would serve the demand and reliability

Page 30

1 again, discuss how that alternative mitigates the
2 anticipated impacts.
3 I always give people the example of you
4 can recommend a number of alternatives, and if your
5 alternative is you don't want it in my yard, so put
6 it over there by that person's house, that's fine,
7 you can recommend that, but I can't really do a lot
8 with that because we're just shifting the impact
9 from your property or your house to somebody else's,
10 so it looks like a zero sum. So essentially it's
11 not mitigating an impact, it's just shifting it to
12 somebody else.
13 So, again, as much detail as we can get
14 of those alternatives. And I'm happy to talk with
15 people on the phone, here today, via email, whatever
16 it is, if you're trying to work on an alternative
17 and you need details nailed down so we can move
18 forward. Because we do -- at our staff level we go
19 through the alternatives and we determine if we can
20 carry them forward.
21 The commissioners at the PUC will also
22 get an opportunity to look at those alternatives
23 that are suggested and provide some comment to us on
24 them. But ultimately we have to be able to
25 describe them and provide some details to them so

Page 32

1 issues that Xcel has identified as what they need
2 and what the project is being proposed for.
3 And the biggest part of it, I guess, for
4 me, is how to comment. I want to let everybody know
5 that there's multiple ways to comment. If you're
6 shy and don't want to talk up here at the mic, you
7 can submit written comments. On the slide it shows
8 my mailing address, my email. There is a form, this
9 guy right over at that table in the back there,
10 there is a whole section to fill out your contact
11 information. It actually lists those questions that
12 I had previously mentioned. There's a section to
13 include and write your comments in, you fold it, put
14 a stamp on it, and it's got my name and address on
15 it already and you just drop it in the mail and it
16 comes back to me.
17 There is a link if you go on the project
18 website or the web page that we have for the
19 project, there's a Submit Comment button on there.
20 If you click on that it will pull up a form, you
21 type in whatever your comment is, whatever you want
22 for a comment, and submit it and I get a
23 notification in my email that there's one there.
24 Also, my email is on this form as well.
25 So you should pick this up if there's any chance

Page 33

1 you're going to comment later on, because there's
2 multiple ways to comment, and it gives my contact
3 information.
4 And in addition to that, obviously, I
5 didn't specifically read it, but you can provide a
6 verbal comment today here in a little bit and that
7 will go on the official record for the meeting.
8 And I'll point out that August 1st is the
9 end of the comment period. Topics for comment, I'm
10 not going to read them again, you already suffered
11 through it once, and that's okay.
12 Next is for etiquette for up here for
13 giving comments. We have our lovely court reporter
14 and she can only report what one person is saying at
15 a time. So out of respect for her and for the rest
16 of the group, if I can only have one person talking
17 at a time, obviously, that makes life easier for
18 everybody. And it's being respectful for each
19 other.
20 When you come up to the mic, if you're
21 going to talk, please state and spell your name.
22 Again, that helps us keep a good record and for the
23 reporter. And please limit comments to five
24 minutes. I don't think that's going to be an issue,
25 but if time becomes an issue we can always swing

Page 35

1 though. Thank you.
2 I'm Carol Overland, O-V-E-R-L-A-N-D. I
3 wanted to speak right away so that I can get in here
4 while things are fresh.
5 On slide three, in 26, in addressing the
6 impacts, they're in the wrong order. It should be
7 avoid first, then minimize, and then what's left,
8 how to mitigate. And that's an important twist on
9 that.
10 On slide eight, it's important to note
11 the timing. What's been happening, we don't have a
12 schedule yet for this, but the final EIS have been
13 tending to come in after the public comments, after
14 the public and evidentiary hearings, and after
15 briefing. So there's no opportunity to address
16 things that are missing in the final EIS nor address
17 the adequacy of it and that's a problem.
18 Local units of government. Last night
19 and then also today, you know, it's been township
20 presence. And that's important because the
21 townships are wanting know what the impact will be
22 and there's two aspects to this. One is the
23 physical intrusion on township roads, but another
24 part of that is the economic part where townships
25 and cities, school districts and counties, receive

Page 34

1 around and make sure everybody has a chance to
2 speak. Remember to maintain respect. And as much
3 as possible, direct your comments and questions to
4 the scope, the questions that I had mentioned
5 earlier for the EIS, that really helps me to funnel
6 those comments where they need to be and where we
7 might expand on the EIS moving forward.
8 There's a ton of information on this one
9 slide. Contact information for myself, for Xcel,
10 for the Commission staff.
11 The written comment deadline is on there.
12 And our web page, the mailing address, the same
13 questions. Again, how to find the official record
14 on eDockets for the project, how to sign up for
15 email notification for eDockets. So these packets
16 of the presentation are also over on the table.
17 This one, if for no other reason, this one will give
18 you a lot of info, and I'll track down folks. If
19 you need business cards for whoever you want to talk
20 to. And with that, we are ready to go with comments
21 here.
22 Carol, do you want to go first?
23 **MR. CAROL OVERLAND:** Yeah. Now?
24 **MR. RICH DAVIS:** Sure.
25 **MS. CAROL OVERLAND:** It's not screwed on,

Page 36

1 public utility -- oh, I'm -- hmm -- personal
2 property tax revenues. And that's a very large
3 contribution to a local government's revenue. And
4 so that's important that they know how this will
5 impact them in that way and also how it will affect
6 them in a physical way by intruding on the local
7 roads.
8 Also, it's important to know that MISO,
9 or MISO, is not a regulator. And it's their want
10 and it's Xcel's want. This is very important
11 because the MISO determination, their selection of
12 it, this is not a need determination under the law
13 of the State of Minnesota. So that's why it's
14 really important to comment about need and look at
15 that. There are other ways to state a need for a
16 project. For example, a different size project or a
17 different type of facility, and what they are
18 stressing earlier is it has to meet the purpose and
19 the intent of the project. No. No. It doesn't
20 work that way.
21 Also, cumulative impacts need to be
22 addressed. We have four projects here in Minnesota,
23 this one and the Brookings to Hampton 2nd Circuit
24 for that CapX portion, the Big Stone to Alexandria
25 to Big Oaks, and also the Minnesota Energy Con from

Page 37

1 southwestern Minnesota up to the old Sherco
2 substation.
3 So, anyway, I said I'd come back with
4 more comments on magnetic fields, and so I looked it
5 up. And if you look at the application on page 163,
6 there's system peak energy demand. There's no
7 disclosure of the amps, but it says 718 MVA for
8 Wilmarth to North Rochester, 692 MVA for North
9 Rochester to Tremval. It also lists system average
10 energy demand. Again, no disclosure of amps, at 331
11 MVA and (coughing). Well, the thing is, if you look
12 at Table 5.1 and the MVA there, this is designed to
13 be 3,000 amps, that's a little different than --
14 well, the MVA for the double-circuit, 3585.24. So
15 essentially it's off by the 718 MVA system peak
16 energy demand, the highest that they report is about
17 one-fifth of the 3585 it is designed for. This is
18 why addressing the full potential loading is
19 important.
20 Now, Minnesota doesn't require that. And
21 of course Xcel isn't about to do more than they have
22 to. In Wisconsin it would need to disclose that and
23 that would be part of the application and the
24 environmental review. This needs to be in there.
25 And if you look at the tables, Table 17,

Page 39

1 going to happen is because this is planned so far
2 out that. For example, today, if there was
3 something that cancelled this event, then we'd have
4 to push it off and change the rest of the timeline
5 and so that's why there aren't specific dates
6 listed.
7 **MS. CAROL OVERLAND:** Also, there is no
8 scheduling order yet, so we don't have a lot of the
9 dates.
10 **MR. SAM LOBBY:** Yes, and that's the way
11 the process works. There's nothing that's being
12 hidden from anyone. It's we're coordinating with a
13 lot of different people and so we can't have exact
14 official dates just as a simple logistical matter.
15 And as far as opportunities to comment on
16 the scoping and the draft and everything like that,
17 as you can see here, I said originally today, the
18 public information meeting and scoping, we're taking
19 your comments to help design what we're going to be
20 studying. So you're helping to shape what that
21 study will look at. We'll come out with a scoping
22 decision in October of what we're going to study,
23 and then it will be a months-long process of
24 actually doing the study.
25 At that point, when there's a draft that

Page 38

1 7-19, Chapter 7, the numbers -- look at the numbers
2 at the edge of the right of way, because
3 recommendations are two and four milligauss. And
4 you get that in some of them, that 250 feet from the
5 centerline, but these are at those reduced grossly
6 understated milligauss rates. So multiply by five
7 and then you get a more logical display of the
8 potential.
9 So anyway, in short, the EIS must
10 disclose milligauss based on that 3,000 amp loading
11 that they declare in their application, 3585.4 MVA.
12 That's important if you're going to look at magnetic
13 fields. And I've been bringing this up year after
14 year and year after year. We've got a new crowd
15 somewhat now, but it's about time that the Public
16 Utilities Commission and the Department of Commerce
17 address these in a representative fashion and not
18 misrepresent them.
19 Thank you.
20 **MR. SAM LOBBY:** Thank you very much for
21 your comment.
22 I want to reference one thing as far as
23 the timeline is concerned. Just so folks are aware,
24 just to provide some clarification, the reason we
25 don't have specific dates for when these things are

Page 40

1 is released, you'll have plenty of time, you'll have
2 weeks to look it over and, you know, digest it and
3 think about it. Then after you've had plenty of
4 time to look at it, we will hold another public
5 hearing just like this.
6 So today you're giving us information
7 about what we should study, then in April of 2025
8 then you'll have time to read it and look at it and
9 that will tell what was adequate, did this meet your
10 expectations. Then after that, we can take that
11 input and then that will be in the final
12 environmental impact statement.
13 So there are a whole bunch of
14 opportunities that you will be able to participate
15 in this and help to shape how that study actually
16 ends up looking.
17 So I just wanted to make sure folks are
18 clear on that. Thank you.
19 **MR. RICH DAVIS:** All right. Dale
20 Thomforde.
21 **MR. DALE THOMFORDE:** Thomforde.
22 **MR. RICH DAVIS:** I'll take your word for
23 it.
24 **MR. DALE THOMFORDE:** Here's a couple
25 copies of my comments.

1 **MR. RICH DAVIS:** Thank you.
 2 **MR. DALE THOMFORDE:** I probably won't go
 3 into it in as much detail as in the written
 4 comments.
 5 My name is Dale Thomforde,
 6 T-H-O-M-F-O-R-D-E. And my address is 9637 Plumb
 7 Creek Road Northwest, Pine Island, Minnesota.
 8 I'm a supervisor for New Haven -- I'm on
 9 the New Haven Township Board. As one of the three
 10 supervisors for the township, I do not speak for New
 11 Haven Township, however, I do speak for a number of
 12 township residents that have expressed concerns
 13 about the proposed transmission line routes, or
 14 specifically segment four is what I'm going to be
 15 talking about.
 16 Topics for comment at this time for the
 17 environmental scoping include not everything under
 18 there, but there's two areas. Are there any methods
 19 to minimize, mitigate, or avoid potential impacts of
 20 the proposed project that should be considered by
 21 the EIS? And then are there any alternative routes
 22 or route segments that should be considered in the
 23 EIS to address or mitigate potential impacts
 24 associated with the proposed route? And those are
 25 things that I'm going to talk about today.

1 follows an existing transmission line. So -- and
 2 the existing 345 doublewide, I can't -- they can't
 3 share that right of way, so it would take an
 4 additional right of way parallel to the existing
 5 right of way.
 6 This, however, appears to be in conflict
 7 with the statement made in the notice of filing of
 8 route permit application with the Minnesota Public
 9 Utilities Commission, where it's stated, many
 10 portions of the proposed route are located along
 11 existing transmission line routes, line rights of
 12 way, minimizing the potential impact of the project.
 13 The proposed CapX route, which is a parallel line,
 14 is essentially all along the opposite from the
 15 existing transmission lines right of way. It is
 16 agreed that the new line would require a new right
 17 of way mostly adjacent to the existing transmission
 18 line. So in one place being near an existing line
 19 is seen as a positive and in some cases it's seen as
 20 a negative. I think there it's a positive.
 21 There's also a statement that the
 22 parallel line would have been with -- would be
 23 within 150 feet of existing homes. This I went
 24 through and looked at it and there's actually one
 25 home along the route that would be within 150 feet.

1 The first alternative is, for segment
 2 four, is routing the segment along the existing CapX
 3 2020 transmission line route from north -- the North
 4 Rochester substation to the Chester Junction. There
 5 were three townships, and the City of Oronoco that
 6 requested an analysis of that route as an
 7 alternative. And Xcel did consider that and did
 8 state in one of their documents the reasons they
 9 didn't think that route was worthy of pursuing.
 10 I don't agree with all the reasons that
 11 were given. This route is a shorter route than the
 12 route for segment four that was proposed. This
 13 route would require about 16 miles of construction,
 14 new, of the new 161 kilovolt transmission line.
 15 Well, the other routes proposed for segment four
 16 east and segment four west actually are about three
 17 to eight miles longer so they require additional
 18 construction.
 19 It also stated in Appendix Q that this
 20 alternative also included the greatest number of new
 21 transmission right of way lines occupied by the
 22 transmission right of way and included some
 23 locations where the parallel line would be within
 24 150 feet of existing homes. That, on the surface,
 25 that's true. I can't argue with that. It totally

1 And that could be avoided by slightly rerouting the
 2 new line around to get further distance from that
 3 home. So there's one home along that route.
 4 On the other two alternatives that were
 5 submitted, segment four east or segment four west
 6 has seven instances where they'd be within 150 feet
 7 of an existing home, and segment four east is even
 8 worse, there's 19 instances where the proposed line
 9 would be within 150 feet of existing homes. The
 10 printout from the spreadsheet I put together is
 11 included in what I submitted today if somebody wants
 12 to dig into the details.
 13 To make things even worse, many
 14 residences along 75th Avenue -- 75th Street,
 15 Highway 63, would lose at least 150 feet of trees
 16 and bushes between their home and the highway if the
 17 route -- if that's chosen as the route. These trees
 18 and bushes are currently used to help shield
 19 residents, the residents visually from the highway
 20 and to shield the residents from noise. These would
 21 be cleared from any proposed transmission line right
 22 of way.
 23 The big problem appears to be crossing
 24 Lake Zumbro with an additional transmission line.
 25 And that was done previously for the CapX line with

1 the dual 345 kilovolt line and it appears there's
2 room on the bluffs to add another crossing there.
3 So for those reasons, I believe further
4 investigation of a parallel and offset 161 kilovolt
5 line should be considered.
6 The second alternative that actually I
7 think is a preference, although I don't know if it's
8 feasible, is to add a substation at the Chester
9 Junction and this would eliminate the need for any
10 new construction of the 161 kilovolt line. What it
11 would do is tap off of the dual 345 kilovolt lines
12 at that point. This is in Farmington Township,
13 Section 9. And with the substation there it could
14 provide 161 kilovolt lines going down to Chester
15 with the needed power. I think this should be
16 evaluated, since it would save a lot of construction
17 costs and materials and about 16 to 25 miles of 161
18 kilovolt line. It could also eliminate the clearing
19 of many acres of trees within any right of way.
20 I don't have the numbers on the how the
21 distribution of the power works between, so sharing
22 the institution of the 161 kilovolt line onto the
23 proposed dual 345 kilovolt lines may or may not be
24 feasible. That is an engineering study that would
25 have to be made. But if you can eliminate 16 to 25

1 that we do have a mapped alternative that does
2 parallel the CapX line that was included, but was
3 rejected. The crossing of Lake Zumbro can't be
4 parallel so we didn't identify an alternative
5 crossing. So we can get you that or look at that
6 afterwards just to make sure that it meets Dale's
7 needs. And I just wanted to note, I don't know if
8 the application was missorted, but the 161 kV line,
9 that's a 80- to 100-foot right of way, not a
10 150-foot and I wanted to make sure I clarified that.
11 **MR. RICH DAVIS:** I have Mike Chase.
12 **MR. MICHAEL CHASE:** Good afternoon. I
13 represent CFERS, C-F-E-R-S. My name is Michael
14 Chase, C-H-A-S-E.
15 I'm the president of the local Citizens
16 for Environmental Rights and Safety. We have about
17 75 landowners in the Kenyon and Cottage -- excuse
18 me, Cherry Grove Township, an area east of Kenyon.
19 We have great concerns about this 345
20 foot line and the routes that are proposed. The one
21 that most directly affects us would be the two
22 south, the segment two south alternative. And the
23 concerns we have are related to some of the smaller
24 farmers that have the greatest economic loss and
25 impact to their properties if this goes through.

1 miles of transmission line by putting in a
2 substation that looks to be a good tradeoff.
3 And I'd like to, you know, compliment you
4 for having these meetings, open meetings, I think
5 they're helpful. This probably does lengthen the
6 process, but hopefully in the end it'll be well
7 done.
8 Thank you for your time.
9 **MR. SAM LOBBY:** It does, it lengthens the
10 permitting portion of the process, but I think
11 getting input from folks on the ground is the best
12 way to make sure the project works for the long term
13 if it is permitted, so thank you very much for your
14 comments.
15 **MR. RICH DAVIS:** Thank you for your
16 comments, Dale.
17 As far as your alternatives, I'll have to
18 follow up with you on that, because I want to make
19 sure we have them down right. I also want to talk
20 with Xcel. I obviously have to put something on the
21 maps so that we can figure out the details on it.
22 **MR. DALE THOMFORDE:** I'm available any
23 time.
24 **MR. RICH DAVIS:** All right. Thank you.
25 **MS. ELLEN HEINE:** Rich, I'd like to note

1 Someone thought it was a great idea to
2 put it down a property line, share the pain, so to
3 speak. Not a good idea. Because of the width of
4 the shortcut that must be established under the
5 proposed project, things like the tile lines which
6 are jointly held between many of these properties.
7 Some of the things came from larger tracks that have
8 been divided up over time and they have legal
9 agreements that interact between multiple
10 landowners. So even if it's only one particular
11 farm that will be affected, no, it's deeper than
12 that.
13 They have concerns also about the
14 wildlife and the forestry that's in the area.
15 There's a lot of wind breaks in that area. To go
16 into a greenfield area and doing a swath cut through
17 that is going to be devastating.
18 We have several homes, like the Mark and
19 Tammy Vogel home up on 66th Avenue would be within
20 hundreds of feet of this particular proposal that's
21 there. There's a turkey installation owned by Paul
22 Strong just across the road from that, that would be
23 very near his property, that's fairly new. There
24 are also some new homes that young individuals have
25 put there.

1 We have concerns about EMF, just as Carol
2 Overland mentioned. I'm a mechanical engineer, I
3 engineered microwave oven programs 40, 50 years ago,
4 I'm aware of those microvolt concerns. Do notice
5 that in most places where a microwave oven is found,
6 you'll say those with pacemakers should not be near
7 it. There are a lot of older farmers in this area
8 and those that are not currently maybe wearing a
9 pacemaker probably have a potential for that down
10 the road.
11 I echo the concerns that Carol listed,
12 but I won't cover that ground again.
13 We've also got impacted farming, crop
14 dusting and other things with these large towers.
15 We already had many folks over the years that
16 continued to apply various treatments to their crops
17 via that method. Radio TV signals. And, again,
18 we've already had the problem of dealing with the
19 Kenyon wind alternative, we're glad that that was
20 not sited. And if this is another invitation to
21 bring windmills back into this, we're not
22 interested, we're not having it. The team and the
23 group stands together against that.
24 So I'd like to suggest a better
25 consideration and I've got some evidence along this

1 We've been part of the MPUC process for some time.
2 I appeared in front of the Public Utilities
3 Commission regarding the Cannon wind map. We should
4 be a knowable entity. It is just very unfortunate
5 that this oversight happened because it leaves a bad
6 taste in our mouth.
7 Also, some members of our CFERS
8 organization have received approaching applications
9 from wind developers. Is that the intent, is that
10 another side effect of this project, is to invite
11 renewable energy into areas where it's not really
12 desired? Because that is one of the concerns that
13 some of the members mentioned to me.
14 We've got older farmers, as I mentioned,
15 we've got also some younger farmers in that area.
16 But these farms are very limited in size. And for
17 that clear cut greenfield approach to come through,
18 that's going to be a bad situation for folks that
19 according to a few documents I've read and the
20 500-some page of application that was online
21 indicating that Goodhue County has some of the --
22 how do you say, less favorable income individuals in
23 this area, so it looks like it's got a bad smell to
24 it.
25 Thank you for your time.

1 line. Why not follow the existing Highway 60 and
2 the northern corridor or some variation of that.
3 Follow the state road. You've got clear access to
4 that, and yes, you may have to do some further
5 eminent domain to clear that. But that route is
6 already pretty much established. Rather than go in
7 and do a greenfield area, which appears to be point
8 to point with limited total distance, that doesn't
9 really seem like a good tradeoff to us.
10 If one were to go to Highway 25 west of
11 Belle Plaine, Minnesota over by 169, you would see a
12 similar high voltage line that follows Highway 25.
13 And it's located very closely to that state highway.
14 And, again, to me that's a good example of how that
15 can be done. Why ruin some of the best farmland in
16 Minnesota and then put the biggest economic impact
17 on the small farmer that is probably least able to
18 tolerate that kind of situation.
19 So we have economic impacts of people,
20 we've got health impacts, we have other aesthetic
21 impacts that obviously go without saying.
22 One of the concerns that several of the
23 members voiced to me over the last 24 hours is only
24 because of Carol Overland alerting me that this
25 meeting was held today. We were not notified.

1 **MR. RICH DAVIS:** Thank you, but I have
2 one question for you.
3 **MR. MICHAEL CHASE:** Sure.
4 **MR. RICH DAVIS:** When you said folks
5 weren't noticed of this, was it your group that
6 wasn't noticed?
7 **MR. MICHAEL CHASE:** I wasn't noticed,
8 Eric Quam wasn't noticed, Mark Vogel wasn't noticed,
9 Russell Foss wasn't noticed. We are all within that
10 two south, we're within probably 1,000 feet of that
11 line. So we may not have property within the clear
12 cut swath defined, the 500 feet, but we have none of
13 those that were notified. We only learned about
14 this yesterday so we haven't had a chance to do due
15 diligence.
16 I also appeared at the Zumbrota
17 information meeting and left my card and they gave
18 me information. I did receive requested maps,
19 although a little bit delayed. We did look at some
20 of those, but there was no further information
21 available to us on the schedule of events. So we
22 feel we've been left out in the dark. I encourage
23 you not to have that happen again.
24 **MR. RICH DAVIS:** Just to be clear,
25 normally the notice is sent to those that are along

1 the route or the property is directly adjacent to
2 the route. So that's the general process that's
3 handled as far as notification.

4 **MR. SAM LOBBY:** Apologies if you didn't
5 receive it. I'm not the lead on this project so I
6 don't know exactly what the parameters were. As
7 Rich said, yeah, usually people along the route, so
8 if you're close by you should have. I'll look into
9 this and make sure, your name should have been
10 included, and I'll just confirm that.

11 We did send out over 4,000 mailings, so
12 there were a lot sent out. Also, part of the
13 process is to also note it in other areas like local
14 newspapers and social media. So if we do miss
15 someone, hopefully that will get through. But
16 apologies if you should have received it but didn't
17 get one.

18 With that said, though, there is -- in
19 the meeting notices that did get sent out, there are
20 copies of those up front and there's information
21 that anybody can do comments for this project or any
22 other project that is going through. And that you
23 can sign up for notifications for anything that will
24 come through that docket, so you might end up with a
25 project like this and a lot of notifications because

1 If you want to take a look at maps, the
2 GIS folks will still be over there in the corner and
3 they can zoom in on your property or different
4 sections of different routes for you and you can get
5 a map worked up to try to get the ball rolling from
6 there.

7 If there is nothing more, then we'll wrap
8 it up, and thank you for coming.

9 **MR. SAM LOBBY:** Thank you so much for
10 being here, we appreciate your presence.

11 (Proceeding concluded at 12:21 p.m.)
12
13
14
15
16
17
18
19
20
21
22
23
24
25

1 people submit a lot of comments, but you can do that
2 if it's of interest.

3 But I do appreciate you being here and
4 being a part of the process. Thank you for your
5 participation.

6 **MR. RICH DAVIS:** All right. Thank you
7 again.

8 That is all I have on the list that
9 signed up at the door. That doesn't mean that I'm
10 not going to have someone up if anybody is
11 interested in speaking now or would like to add
12 anything that was said while others were talking.

13 If anybody is interested in providing
14 verbal comments, just raise their hand and we'll go
15 from there.

16 Not all at once, though.

17 If not, I just want to thank everybody
18 for coming. Again, to those that did provide verbal
19 comments, or if you didn't, by all means, if you
20 have written comments, please get those over to me
21 by August 1st so I can make sure they're included in
22 our decision for the scoping.

23 Also, if you have alternatives or
24 anything like that, again, reach out to myself and
25 we can get that figured out.

<p>A</p>	<p>advocate (1) 26:1</p>	<p>19:25;28:11;29:11,16, 20:22;30:1,5,16;31:4,15, 18,20;41:21;42:1,7,20; 45:6;47:1,4,22;49:19</p>	<p>50:7;51:15,23</p>	<p>50:15</p>
<p>able (10) 9:8;20:6;29:21,22,23, 25;30:24;31:7;40:14; 50:17</p>	<p>advocating (1) 24:13</p>	<p>alternatives (19) 19:16;24:7;25:4,17; 27:20;28:15;29:7,8,9; 30:4,14,19,22;31:11,14, 17;44:4;46:17;54:23</p>	<p>areas (7) 15:17;17:24;26:19; 28:17;41:18;51:11;53:13</p>	<p>better (2) 27:24;49:24</p>
<p>accepted (1) 12:11</p>	<p>aesthetic (1) 50:20</p>	<p>although (2) 45:7;52:19</p>	<p>argue (1) 42:25</p>	<p>biased (1) 24:13</p>
<p>access (5) 6:9;15:16;22:23;23:1; 50:3</p>	<p>affect (1) 36:5</p>	<p>always (4) 9:9;14:8;30:3;33:25</p>	<p>around (7) 3:18;10:20;16:8;18:1; 25:24;34:1;44:2</p>	<p>big (4) 12:15;36:24,25;44:23</p>
<p>accommodate (2) 15:12;17:8</p>	<p>affected (1) 48:11</p>	<p>amounts (1) 15:12</p>	<p>aspects (1) 35:22</p>	<p>biggest (2) 32:3;50:16</p>
<p>according (1) 51:19</p>	<p>affects (1) 47:21</p>	<p>amps (3) 37:7,10,13</p>	<p>associated (2) 28:13;41:24</p>	<p>bird (1) 14:23</p>
<p>acquire (2) 21:7;31:7</p>	<p>affiliated (1) 6:18</p>	<p>Analysis (4) 23:22;24:1;31:1;42:6</p>	<p>assuming (1) 21:5</p>	<p>bit (5) 15:1,3,25;33:6;52:19</p>
<p>acquiring (1) 21:21</p>	<p>afternoon (1) 47:12</p>	<p>analyze (2) 26:12,15</p>	<p>August (5) 5:16,17;14:5;33:8; 54:21</p>	<p>blue (1) 7:14</p>
<p>acres (1) 45:19</p>	<p>afterwards (1) 47:6</p>	<p>anticipated (2) 20:19;30:2</p>	<p>available (2) 46:22;52:21</p>	<p>bluffs (1) 45:2</p>
<p>acronym (1) 8:12</p>	<p>against (4) 6:19;24:14;26:2;49:23</p>	<p>anticipating (2) 21:13;22:7</p>	<p>Avenue (2) 44:14;48:19</p>	<p>Board (1) 41:9</p>
<p>actions (1) 24:17</p>	<p>agencies (7) 10:8,11,15;21:9;25:2,8; 29:3</p>	<p>Apologies (2) 53:4,16</p>	<p>average (1) 37:9</p>	<p>breaks (1) 48:15</p>
<p>actual (1) 11:21</p>	<p>agency (5) 3:5;6:17;10:10,21; 20:16</p>	<p>appeared (2) 51:2;52:16</p>	<p>avoid (6) 8:18;24:16;25:19;28:9; 35:7;41:19</p>	<p>brief (2) 16:19;24:2</p>
<p>actually (15) 12:24;13:19;17:7; 18:19;19:2,6,18;29:4,23; 32:11;39:24;40:15; 42:16;43:24;45:6</p>	<p>agenda (2) 7:11;24:2</p>	<p>Appendix (1) 42:19</p>	<p>avoided (2) 25:21;44:1</p>	<p>briefing (1) 35:15</p>
<p>add (3) 45:2,8;54:11</p>	<p>agents (1) 21:21</p>	<p>Applicant (1) 11:21</p>	<p>aware (4) 5:18;6:15;38:23;49:4</p>	<p>bring (2) 23:2;49:21</p>
<p>addition (2) 24:25;33:4</p>	<p>ago (3) 6:23;18:21;49:3</p>	<p>application (11) 12:9,11;16:18;17:11; 21:1;37:5,23;38:11;43:8; 47:8;51:20</p>	<p>away (2) 15:17;35:3</p>	<p>bringing (1) 38:13</p>
<p>additional (6) 19:25;20:5;21:8;42:17; 43:4;44:24</p>	<p>agreements (1) 48:9</p>	<p>applications (2) 9:14;51:8</p>	<p>back (8) 23:9,11,11;26:18;32:9, 16;37:3;49:21</p>	<p>Brookings (1) 36:23</p>
<p>Additionally (1) 24:25</p>	<p>ahead (3) 3:3;7:9;14:13</p>	<p>apply (2) 25:9;49:16</p>	<p>background (2) 10:16;16:1</p>	<p>build (1) 11:23</p>
<p>address (9) 28:12;32:8,14;34:12; 35:15,16;38:17;41:6,23</p>	<p>airport (1) 17:19</p>	<p>appointed (1) 10:18</p>	<p>bad (3) 51:5,18,23</p>	<p>building (1) 22:20</p>
<p>addressed (1) 36:22</p>	<p>alerting (1) 50:24</p>	<p>appreciate (5) 3:8,10;7:7;54:3;55:10</p>	<p>ball (1) 55:5</p>	<p>bunch (2) 14:20;40:13</p>
<p>addressing (2) 35:5;37:18</p>	<p>Alexandria (1) 36:24</p>	<p>appreciated (1) 3:12</p>	<p>based (3) 12:22;16:14;38:10</p>	<p>bushes (2) 44:16,18</p>
<p>adds (1) 15:11</p>	<p>alignment (1) 19:1</p>	<p>approach (1) 51:17</p>	<p>basically (2) 4:13;31:15</p>	<p>business (1) 34:19</p>
<p>adequacy (1) 35:17</p>	<p>allowed (1) 11:16</p>	<p>approaching (1) 51:8</p>	<p>become (1) 31:6</p>	<p>button (1) 32:19</p>
<p>adequate (2) 10:24;40:9</p>	<p>along (11) 17:25;18:11;42:2; 43:10,14,25;44:3,14; 49:25;52:25;53:7</p>	<p>approximately (1) 11:24</p>	<p>becomes (1) 33:25</p>	<p>can (43) 3:20,22;5:13;6:1,3,5; 9:5,6;13:14;14:15;23:16; 24:21;25:10;27:1,11; 29:18;30:4,7,13,17,19; 31:1,6,23;32:7;33:5,14, 16,25;35:3;39:17;40:10; 45:25;46:21;47:5;50:15; 53:21,23;54:1,21,25; 55:3,4</p>
<p>adjacent (3) 22:3;43:17;53:1</p>	<p>alternate (1) 8:19</p>	<p>April (4) 12:9;13:9,12;40:7</p>	<p>begin (2) 21:13;22:19</p>	<p>cancelled (1)</p>
<p>adjusted (1) 16:14</p>	<p>alternative (22)</p>	<p>area (18) 3:16,17,19,19;7:1; 10:14;15:9,13,15;29:24; 47:18;48:14,15,16;49:7;</p>	<p>beginning (1) 12:14</p>	<p>call (1) 25:23</p>
<p>administrative (2) 9:20,21</p>			<p>Belle (1) 50:11</p>	<p>called (4) 11:9;18:13;19:8;26:18</p>
			<p>best (5) 3:19,20;15:1;46:11;</p>	<p>came (3) 6:4;15:3;48:7</p>
			<p>back (8) 23:9,11,11;26:18;32:9, 16;37:3;49:21</p>	<p>can (43) 3:20,22;5:13;6:1,3,5; 9:5,6;13:14;14:15;23:16; 24:21;25:10;27:1,11; 29:18;30:4,7,13,17,19; 31:1,6,23;32:7;33:5,14, 16,25;35:3;39:17;40:10; 45:25;46:21;47:5;50:15; 53:21,23;54:1,21,25; 55:3,4</p>
			<p>background (2) 10:16;16:1</p>	<p>cancel (1)</p>
			<p>bad (3) 51:5,18,23</p>	<p>cancel (1)</p>
			<p>ball (1) 55:5</p>	<p>cancel (1)</p>
			<p>based (3) 12:22;16:14;38:10</p>	<p>cancel (1)</p>
			<p>basically (2) 4:13;31:15</p>	<p>cancel (1)</p>
			<p>become (1) 31:6</p>	<p>cancel (1)</p>
			<p>becomes (1) 33:25</p>	<p>cancel (1)</p>
			<p>begin (2) 21:13;22:19</p>	<p>cancel (1)</p>
			<p>beginning (1) 12:14</p>	<p>cancel (1)</p>
			<p>begins (1) 29:6</p>	<p>cancel (1)</p>
			<p>Belle (1) 50:11</p>	<p>cancel (1)</p>
			<p>best (5) 3:19,20;15:1;46:11;</p>	<p>cancel (1)</p>

39:3 Cannon (1) 51:3 capacity (2) 11:10;15:12 capture (1) 31:1 CapX (7) 18:21;19:17;36:24; 42:2;43:13;44:25;47:2 card (1) 52:17 cards (1) 34:19 Carol (8) 34:22,23,25;35:2;39:7; 49:1,11;50:24 carry (4) 29:5,12;30:20;31:2 case (3) 8:22;14:3;31:9 cases (1) 43:19 categories (1) 26:25 center (1) 22:12 centerline (1) 38:5 central (1) 15:18 certificate (4) 11:9,13;27:18;31:13 Cezar (3) 8:24;9:4,7 CFERS (2) 47:13;51:7 C-F-E-R-S (1) 47:13 chance (5) 7:3;13:5;32:25;34:1; 52:14 change (1) 39:4 Chapter (1) 38:1 Chase (5) 47:11,12,14;52:3,7 C-H-A-S-E (1) 47:14 chat (1) 14:8 Cherry (1) 47:18 Chester (3) 42:4;45:8,14 chosen (1) 44:17 Circuit (1) 36:23 cities (1) 35:25 Citizens (1)	47:15 city (2) 17:20;42:5 clarification (1) 38:24 clarified (1) 47:10 clarify (1) 27:20 clear (6) 40:18;50:3,5;51:17; 52:11,24 cleared (1) 44:21 clearing (2) 22:25;45:18 click (1) 32:20 close (1) 53:8 closely (2) 13:2;50:13 closes (1) 5:16 CN (2) 27:18;31:13 colleagues (1) 7:15 collocating (1) 15:21 combination (1) 17:23 comfortable (1) 5:25 coming (8) 3:2,6,8,24;4:19;28:15; 54:18;55:8 commence (1) 12:24 comment (27) 5:15,22;14:2,4,6,11; 24:7;27:2,11;28:7;29:1; 30:23;32:4,5,19,21,22; 33:1,2,6,9,9;34:11;36:14; 38:21;39:15;41:16 commenting (1) 8:17 comments (34) 3:22;4:17;5:8,10,17,18; 8:3,16;23:24;24:5,8;25:3; 27:8;28:25;29:2;32:7,13; 33:13,23;34:3,6,20; 35:13;37:4;39:19;40:25; 41:4;46:14,16;53:21; 54:1,14,19,20 Commerce (7) 7:21;9:16;14:10;21:3; 23:21;24:10;38:16 Commission (22) 3:5,14;6:2,10,17;7:13; 8:24;9:13,18,23;10:17, 17;12:10;13:23;14:9; 24:11,21;31:6;34:10;	38:16;43:9;51:3 commissioners (4) 7:5;10:18;25:21;30:21 common (1) 17:18 communities (1) 28:21 company (1) 6:19 compare (1) 29:25 complete (2) 21:5;23:9 completed (1) 23:1 completely (1) 28:3 compliment (1) 46:3 comprehensive (1) 13:1 Con (1) 36:25 concerned (3) 11:4;14:7;38:23 concerns (9) 41:12;47:19,23;48:13; 49:1,4,11;50:22;51:12 concluded (1) 55:11 conclusions (1) 9:24 conduct (1) 24:11 confirm (1) 53:10 confirmed (1) 10:19 conflict (1) 43:6 connectors (1) 17:13 consider (1) 42:7 consideration (1) 49:25 considered (7) 28:3,10,12,18;41:20, 22;45:5 consistent (2) 11:3;27:7 consists (1) 10:17 constraints (1) 19:20 constructed (1) 31:16 Construction (10) 12:3;21:13;22:19,23, 24;23:2;42:13,18;45:10, 16 consultant (1) 26:7	consultation (1) 10:7 contact (6) 8:21;14:9;23:17;32:10; 33:2;34:9 contents (3) 26:15,19;28:4 context (1) 29:10 continue (1) 21:14 continued (2) 21:11;49:16 contribution (1) 36:3 Control (2) 10:10;14:15 coordinate (2) 25:2,10 coordinating (1) 39:12 co-owned (1) 20:14 co-owners (1) 20:16 copies (3) 6:5;40:25;53:20 copy (2) 6:5,6 corner (1) 55:2 corridor (4) 18:8;20:3;21:24;50:2 costs (1) 45:17 Cottage (1) 47:17 coughing (1) 37:11 counties (1) 35:25 County (1) 51:21 couple (4) 10:1;11:5;13:6;40:24 course (3) 4:25;9:12;37:21 court (1) 33:13 cover (3) 5:5;24:3;49:12 creates (1) 15:15 Creek (1) 41:7 crews (2) 22:22;23:9 critically (1) 6:25 crop (1) 49:13 crops (1) 49:16	crossing (5) 12:2;44:23;45:2;47:3,5 crowd (1) 38:14 Culbertson (1) 7:14 cumulative (1) 36:21 currently (3) 18:22;44:18;49:8 cut (3) 48:16;51:17;52:12
D				
Dairyland (3) 19:9,12;20:14 Dale (7) 40:19,21,24;41:2,5; 46:16,22 Dale's (1) 47:6 dark (1) 52:22 dashed (1) 19:23 data (2) 16:5;26:7 dates (4) 38:25;39:5,9,14 Davis (14) 7:20;23:19,20;34:24; 40:19,22;41:1;46:15,24; 47:11;52:1,4,24;54:6 day (1) 3:10 deadline (1) 34:11 dealing (1) 49:18 decision (9) 3:20;7:6;12:21;13:24; 24:23,24;26:17;39:22; 54:22 decision-making (1) 3:13 declare (1) 38:11 deeper (1) 48:11 defined (1) 52:12 delayed (1) 52:19 demand (4) 31:25;37:6,10,16 Department (8) 4:10;7:21;9:16;10:8,9; 21:3;23:21;38:16 depending (2) 18:4;22:10 depends (1) 22:14				

<p>describe (2) 17:12;30:25</p> <p>described (2) 16:18;21:23</p> <p>describes (1) 25:16</p> <p>design (1) 39:19</p> <p>designed (2) 37:12,17</p> <p>desired (1) 51:12</p> <p>desktop (1) 16:6</p> <p>detail (6) 4:10;11:20;13:17; 29:10;30:13;41:3</p> <p>detailed (1) 29:16</p> <p>details (4) 30:17,25;44:12;46:21</p> <p>determination (2) 36:11,12</p> <p>determine (3) 4:20;20:7;30:19</p> <p>devastating (1) 48:17</p> <p>develop (5) 12:16;16:3;26:14;27:3; 29:4</p> <p>developed (1) 16:5</p> <p>developer (1) 14:14</p> <p>developers (1) 51:9</p> <p>developing (4) 8:11,15;15:17,23</p> <p>development (4) 16:7,16;20:12,22</p> <p>difference (1) 31:22</p> <p>different (20) 6:21;10:2,10;14:1; 15:17;23:7;27:16,16,21, 22;31:17,21,21,23;36:16, 17;37:13;39:13;55:3,4</p> <p>dig (3) 6:14;7:9;44:12</p> <p>digest (3) 13:6;16:24;40:2</p> <p>diligence (1) 52:15</p> <p>direct (2) 9:7;34:3</p> <p>directly (3) 10:6;47:21;53:1</p> <p>disclose (2) 37:22;38:10</p> <p>disclosure (2) 37:7,10</p> <p>discuss (2) 11:21;30:1</p>	<p>discussion (1) 24:9</p> <p>display (1) 38:7</p> <p>distance (2) 44:2;50:8</p> <p>distributed (1) 31:24</p> <p>distribution (1) 45:21</p> <p>districts (1) 35:25</p> <p>divided (1) 48:8</p> <p>DNR (1) 21:9</p> <p>docket (2) 6:2;53:24</p> <p>document (3) 24:20;25:14;26:17</p> <p>documents (2) 42:8;51:19</p> <p>domain (2) 31:7;50:5</p> <p>done (5) 8:1;20:25;44:25;46:7; 50:15</p> <p>door (1) 54:9</p> <p>double-circuit (4) 18:23;20:4,8;37:14</p> <p>doublewide (1) 43:2</p> <p>down (9) 12:12;14:24,25;30:17; 34:18;45:14;46:19;48:2; 49:9</p> <p>draft (6) 13:3,13;26:17;28:5; 39:16,25</p> <p>drop (1) 32:15</p> <p>drove (1) 16:8</p> <p>dual (3) 45:1,11,23</p> <p>due (1) 52:14</p> <p>during (3) 16:15;21:12;29:1</p> <p>dusting (1) 49:14</p>	<p>easier (2) 16:24;33:17</p> <p>east (4) 42:16;44:5,7;47:18</p> <p>echo (1) 49:11</p> <p>economic (5) 15:22;35:24;47:24; 50:16,19</p> <p>edge (1) 38:2</p> <p>eDockets (2) 34:14,15</p> <p>EERA (1) 7:21</p> <p>effect (1) 51:10</p> <p>efficient (1) 10:24</p> <p>eight (2) 35:10;42:17</p> <p>EIS (18) 8:12;24:18;25:13; 26:21;28:3,10,12,18; 29:6;31:2,14;34:5,7; 35:12,16;38:9;41:21,23</p> <p>either (4) 9:6;13:22;22:12;29:5</p> <p>electric (1) 6:18</p> <p>electricity (1) 10:23</p> <p>eliminate (3) 45:9,18,25</p> <p>ELLEN (4) 14:17,18;23:19;46:25</p> <p>else (2) 9:8;30:12</p> <p>else's (1) 30:9</p> <p>email (6) 23:14;30:15;32:8,23, 24;34:15</p> <p>EMF (1) 49:1</p> <p>eminent (2) 31:7;50:5</p> <p>encourage (2) 14:25;52:22</p> <p>end (4) 23:6;33:9;46:6;53:24</p> <p>ends (2) 14:4;40:16</p> <p>Energy (15) 4:1,7;18;14:18;15:8, 13,16,23;20:11;23:21; 31:24;36:25;37:6,10,16; 51:11</p> <p>engagement (2) 20:24;21:12</p> <p>engineer (1) 49:2</p> <p>engineered (1)</p>	<p>49:3</p> <p>engineering (3) 20:25;21:6;45:24</p> <p>enough (1) 13:4</p> <p>ensure (1) 10:24</p> <p>entire (1) 21:25</p> <p>entity (1) 51:4</p> <p>environmental (25) 4:3,9,11,13;7:22;8:11, 13;9:17,18;12:17;13:21; 23:22,25;24:4,11,19,20; 25:12,14,19;28:2;37:24; 40:12;41:17;47:16</p> <p>equipment (1) 23:2</p> <p>Eric (1) 52:8</p> <p>essentially (6) 17:1,10;23:23;30:10; 37:15;43:14</p> <p>established (2) 48:4;50:6</p> <p>estimated (1) 12:21</p> <p>etiquette (1) 33:12</p> <p>evaluate (1) 29:22</p> <p>evaluated (1) 45:16</p> <p>even (6) 14:5,11;26:8;44:7,13; 48:10</p> <p>evening (1) 5:1</p> <p>event (1) 39:3</p> <p>events (1) 52:21</p> <p>everybody (4) 32:4;33:18;34:1;54:17</p> <p>everyone (1) 3:23</p> <p>evidence (1) 49:25</p> <p>evidentiary (1) 35:14</p> <p>exact (1) 39:13</p> <p>exactly (2) 13:9;53:6</p> <p>example (6) 5:11;27:16;30:3;36:16; 39:2;50:14</p> <p>excuse (1) 47:17</p> <p>existing (22) 15:20,21;17:15,23; 18:6,15,20;19:1;20:2;</p>	<p>42:2,24;43:1,2,4,11,15, 17,18,23;44:7,9;50:1</p> <p>expand (1) 34:7</p> <p>expect (1) 12:8</p> <p>expectations (1) 40:10</p> <p>explanation (1) 28:16</p> <p>expressed (1) 41:12</p> <p>extra (1) 3:9</p>
F				
			<p>facilitate (1) 9:21</p> <p>facility (2) 27:17;36:17</p> <p>fact (1) 9:24</p> <p>fair (1) 10:25</p> <p>fairly (1) 48:23</p> <p>familiar (1) 4:12</p> <p>far (8) 11:4;26:23;29:11; 38:22;39:1,15;46:17;53:3</p> <p>Faribault (4) 17:1,3;18:3,7</p> <p>farm (1) 48:11</p> <p>farmer (1) 50:17</p> <p>farmers (4) 47:24;49:7;51:14,15</p> <p>farming (1) 49:13</p> <p>Farmington (1) 45:12</p> <p>farmland (1) 50:15</p> <p>farms (1) 51:16</p> <p>fashion (1) 38:17</p> <p>fast (1) 14:24</p> <p>favorable (1) 51:22</p> <p>feasible (2) 45:8,24</p> <p>federal (3) 10:15;25:2;29:3</p> <p>feedback (6) 12:18;13:11,18,20; 16:10,15</p> <p>feel (2) 5:21;52:22</p>	

<p>feet (15) 11:18;22:12,12,13,17; 38:4;42:24;43:23,25; 44:6,9,15;48:20;52:10,12</p> <p>few (2) 19:20;51:19</p> <p>field (1) 16:7</p> <p>fields (2) 37:4;38:13</p> <p>figure (1) 46:21</p> <p>figured (1) 54:25</p> <p>file (4) 19:23,25;21:1;29:4</p> <p>filing (1) 43:7</p> <p>fill (2) 28:6;32:10</p> <p>filling (1) 9:1</p> <p>final (8) 7:6;13:21,24;21:5; 24:24;35:12,16;40:11</p> <p>find (2) 6:12;34:13</p> <p>findings (1) 9:24</p> <p>fine (1) 30:6</p> <p>first (7) 18:22;19:3;23:3;24:10; 34:22;35:7;42:1</p> <p>firstly (1) 11:9</p> <p>five (3) 10:18;33:23;38:6</p> <p>focus (3) 27:8,12,13</p> <p>fold (1) 32:13</p> <p>folks (16) 3:8,11;4:19;6:15; 10:13;14:20;29:17,18; 34:18;38:23;40:17; 46:11;49:15;51:18;52:4; 55:2</p> <p>follow (5) 11:7;18:11;46:18;50:1, 3</p> <p>following (2) 17:23;18:14</p> <p>follows (5) 17:15;18:6;23:8;43:1; 50:12</p> <p>foot (1) 47:20</p> <p>forestry (1) 48:14</p> <p>form (4) 29:1;32:8,20,24</p> <p>forth (1)</p>	<p>9:23</p> <p>forward (7) 25:17;29:5,13;30:18, 20;31:2;34:7</p> <p>Foss (1) 52:9</p> <p>found (2) 6:1;49:5</p> <p>foundation (1) 22:9</p> <p>Foundations (1) 23:3</p> <p>four (15) 16:22;17:7;19:6,15; 20:14;36:22;38:3;41:14; 42:2,12,15,16;44:5,5,7</p> <p>fresh (1) 35:4</p> <p>front (2) 51:2;53:20</p> <p>full (1) 37:18</p> <p>funnel (1) 34:5</p> <p>further (4) 44:2;45:3;50:4;52:20</p>	<p>36:3</p> <p>governor (1) 10:19</p> <p>great (3) 3:7;47:19;48:1</p> <p>greater (1) 11:18</p> <p>greatest (2) 42:20;47:24</p> <p>greenfield (4) 18:14;48:16;50:7; 51:17</p> <p>grid (1) 15:15</p> <p>grossly (1) 38:5</p> <p>ground (4) 10:13;31:8;46:11; 49:12</p> <p>group (3) 33:16;49:23;52:5</p> <p>Grove (1) 47:18</p> <p>growth (1) 15:23</p> <p>guess (1) 32:3</p> <p>guy (1) 32:9</p> <p>guys (3) 3:17;10:14;24:5</p>	<p>7:18;14:14,17,18;46:25</p> <p>held (2) 48:6;50:25</p> <p>help (16) 3:20,22;4:17,20;7:5; 9:8,10;12:16;14:21; 24:23;27:8,12;29:18; 39:19;40:15;44:18</p> <p>helpful (1) 46:5</p> <p>helping (1) 39:20</p> <p>helps (3) 15:22;33:22;34:5</p> <p>here's (2) 12:22;40:24</p> <p>H-frame (1) 17:16</p> <p>hidden (1) 39:12</p> <p>high (5) 8:8;11:9,16;22:11; 50:12</p> <p>highest (1) 37:16</p> <p>highlight (1) 21:16</p> <p>Highway (7) 44:15,16,19;50:1,10, 12,13</p> <p>hmm (1) 36:1</p> <p>hold (3) 13:8;28:16;40:4</p> <p>home (7) 5:14;43:25;44:3,3,7,16; 48:19</p> <p>homes (5) 42:24;43:23;44:9; 48:18,24</p> <p>hopefully (3) 3:23;46:6;53:15</p> <p>hours (1) 50:23</p> <p>house (2) 30:6,9</p> <p>houses (1) 16:10</p> <p>hubs (1) 15:18</p> <p>human (3) 24:18;25:18;28:1</p> <p>hundreds (1) 48:20</p>	<p>25:19;47:4</p> <p>impact (16) 8:11,13;9:18;13:22; 23:25;25:11,13;29:14; 30:8,11;35:21;36:5; 40:12;43:12;47:25;50:16</p> <p>impacted (1) 49:13</p> <p>impacts (23) 8:16,18;24:15,16,19, 22;25:19,20,21,23;26:24; 28:2,9,13;29:11;30:2; 35:6;36:21;41:19,23; 50:19,20,21</p> <p>important (12) 3:13;6:25;11:6;35:8, 10,20;36:4,8,10,14; 37:19;38:12</p> <p>improves (1) 15:14</p> <p>include (4) 8:19;27:3;32:13;41:17</p> <p>included (8) 20:1;25:16;42:20,22; 44:11;47:2;53:10;54:21</p> <p>income (1) 51:22</p> <p>increasing (1) 15:12</p> <p>independent (2) 11:1;15:5</p> <p>indicating (1) 51:21</p> <p>individual (1) 25:7</p> <p>individuals (3) 26:4;48:24;51:22</p> <p>industries (1) 10:22</p> <p>info (1) 34:18</p> <p>information (27) 4:2,5;6:9;8:7,8,21; 12:12,20;16:5,11,14; 20:3;23:16,18;25:6;26:4; 27:9;32:11;33:3;34:8,9; 39:18;40:6;52:17,18,20; 53:20</p> <p>informed (1) 24:23</p> <p>infrastructure (3) 15:20;22:6,8</p> <p>infrastructures (1) 15:23</p> <p>initially (4) 15:2;16:4;20:1,3</p> <p>input (6) 6:24,25;12:17,22; 40:11;46:11</p> <p>install (2) 22:24;23:4</p> <p>installation (1) 48:21</p>
	G			
	<p>gas (1) 10:23</p> <p>gave (1) 52:17</p> <p>general (3) 22:1;28:24;53:2</p> <p>generation (2) 15:19;31:24</p> <p>gets (1) 21:7</p> <p>GIS (2) 29:17;55:2</p> <p>given (3) 11:8;14:23;42:11</p> <p>gives (3) 25:15;26:25;33:2</p> <p>giving (3) 7:19;33:13;40:6</p> <p>glad (1) 49:19</p> <p>goal (1) 24:19</p> <p>goes (7) 17:5,17,25;18:8;19:24; 26:24;47:25</p> <p>Good (10) 3:1;4:20;6:12;18:10; 33:22;46:2;47:12;48:3; 50:9,14</p> <p>Goodhue (1) 51:21</p> <p>government (5) 9:11,13;10:5,12;35:18</p> <p>government's (1)</p>	H		
		<p>Hampton (1) 36:23</p> <p>hand (1) 54:14</p> <p>handled (1) 53:3</p> <p>happen (3) 25:25;39:1;52:23</p> <p>happened (1) 51:5</p> <p>happening (2) 23:7;35:11</p> <p>happens (3) 23:5;31:9,15</p> <p>happy (3) 9:9;14:10;30:14</p> <p>Haven (3) 41:8,9,11</p> <p>health (1) 50:20</p> <p>hear (2) 7:3;10:11</p> <p>hearing (3) 9:22;13:9;40:5</p> <p>Hearings (2) 9:21;35:14</p> <p>height (1) 22:9</p> <p>Heine (5)</p>	I	
			<p>idea (3) 26:25;48:1,3</p> <p>identified (5) 15:4,7;16:22;20:21; 32:1</p> <p>identify (2)</p>	

<p>installed (1) 23:3 instances (2) 44:6,8 institution (1) 45:22 instructions (1) 6:11 intent (3) 31:20;36:19;51:9 interact (1) 48:9 interchangeably (1) 21:18 interest (2) 11:3;54:2 interested (4) 6:22;49:22;54:11,13 interface (1) 9:4 into (11) 4:10;6:14;11:20;12:19; 22:25;41:3;44:12;48:16; 49:21;51:11;53:8 introduce (1) 4:7 intruding (1) 36:6 intrusion (1) 35:23 investigation (1) 45:4 invitation (1) 49:20 invite (1) 51:10 involved (2) 9:1,12 Island (3) 5:1;17:4;41:7 issue (3) 31:6;33:24,25 issued (1) 13:22 issues (3) 9:14;25:11;32:1 iterative (1) 16:3</p>	<p style="text-align: center;">K</p> <p>keep (3) 7:6;31:10;33:22 Kellogg (2) 5:2;17:6 Kenyon (3) 47:17,18;49:19 kilovolt (10) 3:25;42:14;45:1,4,10, 11,14,18,22,23 kilovolts (2) 11:11,18 kind (10) 4:11;12:8;16:22,24; 19:24;20:20;22:18;24:2; 25:14;50:18 knowable (1) 51:4 known (1) 11:12 kV (22) 11:24,25;17:8,15,23, 24;18:6,8,11,20,24,25; 19:3,10,14,16,19;20:2; 21:24;22:10,15;47:8</p> <p style="text-align: center;">L</p> <p>Lake (2) 44:24;47:3 land (1) 22:1 landowners (6) 21:6,17,21;28:21; 47:17;48:10 lands (1) 25:11 large (2) 36:2;49:14 larger (3) 19:24;26:25;48:7 last (4) 16:10,15;35:18;50:23 lastly (1) 7:20 late (1) 21:14 later (4) 5:12;8:22;9:22;33:1</p>	<p>leave (2) 5:11,14 leaves (1) 51:5 left (3) 35:7;52:17,22 legal (2) 21:20;48:8 length (2) 11:12,19 lengthen (1) 46:5 lengthens (1) 46:9 lengths (2) 22:13,17 less (2) 5:23;51:22 level (1) 30:18 life (1) 33:17 limit (1) 33:23 limited (2) 50:8;51:16 line (67) 3:25;8:9;11:10,17,24, 25;12:1,2;17:7,15,19,25; 18:7,8,11,15,20,22,24,25; 19:2,3,10,14,16,23;20:2; 21:15,24;22:6,15,20; 23:7,8;27:22,24;31:23; 41:13;42:3,14,23;43:1, 11,11,13,16,18,18,22; 44:2,8,21,24,25;45:1,5, 10,18,22;46:1;47:2,8,20; 48:2;50:1,12;52:11 lines (8) 15:22;19:19;42:21; 43:15;45:11,14,23;48:5 link (1) 32:17 list (2) 25:20;54:8 listed (4) 10:4,6,39;6;49:11 listen (1) 8:4 lists (2) 32:11;37:9 little (10) 7:15;10:16;12:7;14:23; 15:1,3,25;33:6;37:13; 52:19 live (3) 3:17;10:14;26:5 loading (2) 37:18;38:10 LOBBY (8) 3:1,4;7:12;38:20; 39:10;46:9;53:4;55:9 local (12)</p>	<p>6:25;10:12;26:5,8; 28:19,21,21;35:18;36:3, 6;47:15;53:13 located (6) 17:15;19:5;21:20,25; 43:10;50:13 location (5) 18:19;19:20,21;22:21; 31:25 locations (2) 15:24;42:23 logical (1) 38:7 logistical (1) 39:14 long (4) 13:25;17:14;18:17; 46:12 longer (3) 9:2,3;42:17 look (26) 12:19;13:2,15;24:6; 25:5,18;26:13,20;28:4; 29:20,24;30:22;36:14; 37:5,11,25;38:1,12; 39:21;40:2,4,8;47:5; 52:19;53:8;55:1 looked (6) 5:23;16:4,9;20:2;37:4; 43:24 looking (12) 7:23;8:16;24:3,14,18; 25:17;26:23;27:1,14,20; 31:18;40:16 looks (4) 30:10;31:15;46:2; 51:23 lose (1) 44:15 loss (1) 47:24 lot (18) 3:8,14;10:7;14:1;16:4; 21:18;23:6;28:14;30:7; 34:18;39:8,13;45:16; 48:15;49:7;53:12,25;54:1 lovely (1) 33:13 low-cost (1) 15:16</p>	<p>maintain (1) 34:2 makes (1) 33:17 making (2) 7:6;24:24 manages (1) 9:17 Mankato (4) 4:23;12:1;16:25;17:19 manner (1) 11:2 many (9) 4:19;6:7,23,23;43:9; 44:13;45:19;48:6;49:15 map (8) 16:21,21;19:8;26:7; 29:17,23;51:3;55:5 mapped (1) 47:1 maps (5) 16:4;29:20;46:21; 52:18;55:1 March (2) 12:25;13:4 Mark (2) 48:18;52:8 material (1) 5:6 materials (1) 45:17 matter (1) 39:14 matting (1) 22:24 may (7) 8:19;26:5,6;45:23,23; 50:4;52:11 maybe (3) 6:8;7:24;49:8 mean (1) 54:9 means (5) 4:4,13;8:12;28:6;54:19 meant (1) 27:8 meat (1) 6:14 mechanical (1) 49:2 media (1) 53:14 meet (5) 13:14;27:15,22;36:18; 40:9 meeting (15) 4:3,5,12;5:14;6:6,8;8,2, 6;27:7,7;33:7;39:18; 50:25;52:17;53:19 meetings (8) 4:22;5:4,5;12:12;25:1; 28:25;46:4,4 meets (1)</p>
<p style="text-align: center;">J</p> <p>job (1) 24:10 jointly (1) 48:6 judge (2) 9:20;10:3 July (1) 13:23 Junction (3) 19:9;42:4;45:9 June (2) 12:11;13:22</p>	<p>law (3) 9:20,24;36:12 lays (1) 26:19 lead (3) 8:23;20:17;53:5 leading (1) 20:12 learned (2) 6:8;52:13 least (2) 44:15;50:17</p>	<p>live (3) 3:17;10:14;26:5 loading (2) 37:18;38:10 LOBBY (8) 3:1,4;7:12;38:20; 39:10;46:9;53:4;55:9 local (12)</p>	<p style="text-align: center;">M</p> <p>magnetic (2) 37:4;38:12 mail (2) 6:7;32:15 mailing (2) 32:8;34:12 mailings (1) 53:11 main (1) 12:15</p>	<p>maintain (1) 34:2 makes (1) 33:17 making (2) 7:6;24:24 manages (1) 9:17 Mankato (4) 4:23;12:1;16:25;17:19 manner (1) 11:2 many (9) 4:19;6:7,23,23;43:9; 44:13;45:19;48:6;49:15 map (8) 16:21,21;19:8;26:7; 29:17,23;51:3;55:5 mapped (1) 47:1 maps (5) 16:4;29:20;46:21; 52:18;55:1 March (2) 12:25;13:4 Mark (2) 48:18;52:8 material (1) 5:6 materials (1) 45:17 matter (1) 39:14 matting (1) 22:24 may (7) 8:19;26:5,6;45:23,23; 50:4;52:11 maybe (3) 6:8;7:24;49:8 mean (1) 54:9 means (5) 4:4,13;8:12;28:6;54:19 meant (1) 27:8 meat (1) 6:14 mechanical (1) 49:2 media (1) 53:14 meet (5) 13:14;27:15,22;36:18; 40:9 meeting (15) 4:3,5,12;5:14;6:6,8;8,2, 6;27:7,7;33:7;39:18; 50:25;52:17;53:19 meetings (8) 4:22;5:4,5;12:12;25:1; 28:25;46:4,4 meets (1)</p>

<p>7:13;9:3;17:3;19:11; 26:16;30:6;32:9;34:16; 40:2;48:8;49:15;50:11, 23;53:11;54:20;55:2</p> <p>overall (1) 16:21</p> <p>OVERLAND (6) 34:23,25;35:2;39:7; 49:2;50:24</p> <p>O-V-E-R-L-A-N-D (1) 35:2</p> <p>oversight (2) 11:1;51:5</p> <p>overview (2) 7:19;16:19</p> <p>owned (1) 48:21</p>	<p>Paul (1) 48:21</p> <p>peak (2) 37:6,15</p> <p>people (8) 26:3;29:8;30:3,15; 39:13;50:19;53:7;54:1</p> <p>period (6) 5:15;14:4,6,12;29:2; 33:9</p> <p>permanent (1) 21:19</p> <p>permit (9) 8:9;11:14,15;12:5; 20:12;21:2,4;24:24;43:8</p> <p>permits (3) 9:15;21:8;25:6</p> <p>permitted (4) 3:21;18:20;19:13; 46:13</p> <p>permitting (5) 7:17;11:4;20:12,18; 46:10</p> <p>person (4) 4:25;5:19;33:14,16</p> <p>personal (1) 36:1</p> <p>person's (1) 30:6</p> <p>phone (2) 9:9;30:15</p> <p>physical (2) 35:23;36:6</p> <p>pick (3) 25:25;26:6;32:25</p> <p>piece (3) 4:9;6:13,22</p> <p>piggybacks (1) 20:20</p> <p>Pine (3) 4:25;17:4;41:7</p> <p>place (4) 6:12;13:10;17:19; 43:18</p> <p>placed (1) 18:25</p> <p>placement (1) 21:15</p> <p>places (2) 22:25;49:5</p> <p>Plaine (1) 50:11</p> <p>planned (2) 12:3;39:1</p> <p>please (4) 28:7;33:21,23;54:20</p> <p>plenty (2) 40:1,3</p> <p>Plumb (1) 41:6</p> <p>pm (1) 55:11</p> <p>point (8)</p>	<p>19:11;21:2,4;33:8; 39:25;45:12;50:7,8</p> <p>pole (3) 22:8,9,9</p> <p>poles (2) 19:1,10</p> <p>Pollution (1) 10:10</p> <p>portion (7) 18:22;19:8,11,17;22:5; 36:24;46:10</p> <p>portions (3) 20:13;23:7;43:10</p> <p>positive (2) 43:19,20</p> <p>possible (3) 15:21;20:7;34:3</p> <p>potential (16) 8:16,18;24:15,17,18, 22;26:24;28:1,9,13; 37:18;38:8;41:19,23; 43:12;49:9</p> <p>potentially (1) 10:15</p> <p>Power (6) 19:9,12;20:14,16; 45:15,21</p> <p>prefer (2) 5:22;8:4</p> <p>preference (1) 45:7</p> <p>preliminary (2) 16:6;20:25</p> <p>prepares (1) 9:18</p> <p>presence (4) 3:12;7:8;35:20;55:10</p> <p>presentation (6) 6:5,15;7:16;8:2;12:14; 34:16</p> <p>resident (1) 47:15</p> <p>pretty (3) 13:25;18:9;50:6</p> <p>previously (2) 32:12;44:25</p> <p>primarily (1) 17:14</p> <p>primary (1) 15:19</p> <p>printout (1) 44:10</p> <p>probably (10) 6:7;7:24;9:4;14:19; 21:14;41:2;46:5;49:9; 50:17;52:10</p> <p>problem (3) 35:17;44:23;49:18</p> <p>proceed (1) 25:10</p> <p>Proceeding (1) 55:11</p> <p>process (42)</p>	<p>3:13;4:6;7:16,17,22; 8:9;9:3,12,17,22;10:2; 13:25;14:4;16:2,4,16; 19:13;20:13,18,22;21:3, 10;22:19;24:1,4;25:18; 26:14,21,21;27:19;28:23; 29:6,6;31:4;39:11,23; 46:6,10;51:1;53:2,13; 54:4</p> <p>processes (1) 6:16</p> <p>produce (3) 24:1,20;25:13</p> <p>professional (1) 11:1</p> <p>programs (1) 49:3</p> <p>project (69) 3:15,18,21,25;4:6,14, 21;6:1,19,20;7:10,19;8:7, 17,23;9:2,19,25;11:7,8, 22;12:4;14:20;15:3,7,10; 16:21,23;18:21;19:4,12; 20:10,17,21;23:14,14; 24:14,15,15,22;25:7,9,16; 27:15,16,21,23;28:2,14; 29:15;31:16,18,19;32:2, 17,19;34:14;36:16,16,19; 41:20;43:12;46:12;48:5; 51:10;53:5,21,22,25</p> <p>projects (5) 3:16;15:11;26:2;28:10; 36:22</p> <p>properties (2) 47:25;48:6</p> <p>property (9) 26:9;29:19;30:9;36:2; 48:2,23;52:11;53:1;55:3</p> <p>proposal (1) 48:20</p> <p>proposed (31) 4:1;8:7,17;9:19,25; 11:25;16:2;17:8;25:4,16; 27:23,25;28:2,9,14;29:5, 15,25;32:2;41:13,20,24; 42:12,15;43:10,13;44:8, 21;45:23;47:20;48:5</p> <p>proposing (4) 8:19;11:23;18:24;22:7</p> <p>provide (16) 6:21;8:7,10,21;9:23; 11:1;13:18;27:1,9,11; 30:23,25;33:5;38:24; 45:14;54:18</p> <p>providers (1) 11:2</p> <p>providing (1) 54:13</p> <p>Public (34) 3:4,15;4:2,4,22;6:1,10, 16,24;7:13;8:3,23;9:12, 22;10:16;11:3;12:5,12; 13:8;14:1,9;16:11;20:15;</p>	<p>21:11;25:1;28:25;35:13, 14;36:1;38:15;39:18; 40:4;43:8;51:2</p> <p>publicly (2) 5:10,24</p> <p>PUC (5) 16:18;19:13;21:1,3; 30:21</p> <p>pull (1) 32:20</p> <p>purple (1) 17:3</p> <p>purpose (2) 8:6;36:18</p> <p>purposes (1) 27:4</p> <p>pursuing (1) 42:9</p> <p>push (1) 39:4</p> <p>put (11) 23:3,24;26:11;29:23; 30:5;32:13;44:10;46:20; 48:2,25;50:16</p> <p>puts (1) 3:14</p> <p>putting (1) 46:1</p>
P				
<p>pacemaker (1) 49:9</p> <p>pacemakers (1) 49:6</p> <p>packets (1) 34:15</p> <p>page (4) 32:18;34:12;37:5; 51:20</p> <p>pain (1) 48:2</p> <p>Panait (2) 8:24;9:4</p> <p>paper (1) 29:23</p> <p>parallel (7) 42:23;43:4,13,22;45:4; 47:2,4</p> <p>parameters (1) 53:6</p> <p>part (18) 4:5,14,21;14:3;15:20; 17:9;18:20;19:4;20:9,11; 21:9;32:3;35:24,24; 37:23;51:1;53:12;54:4</p> <p>participate (2) 8:10;40:14</p> <p>participation (1) 54:5</p> <p>particular (3) 14:3;48:10,20</p> <p>parties (2) 4:7;6:22</p> <p>partners (2) 20:6,11</p> <p>parts (3) 12:15;20:17;29:18</p> <p>party (1) 24:12</p> <p>pass (1) 14:13</p> <p>past (1) 15:19</p>	<p>permitted (4) 3:21;18:20;19:13; 46:13</p> <p>permitting (5) 7:17;11:4;20:12,18; 46:10</p> <p>person (4) 4:25;5:19;33:14,16</p> <p>personal (1) 36:1</p> <p>person's (1) 30:6</p> <p>phone (2) 9:9;30:15</p> <p>physical (2) 35:23;36:6</p> <p>pick (3) 25:25;26:6;32:25</p> <p>piece (3) 4:9;6:13,22</p> <p>piggybacks (1) 20:20</p> <p>Pine (3) 4:25;17:4;41:7</p> <p>place (4) 6:12;13:10;17:19; 43:18</p> <p>placed (1) 18:25</p> <p>placement (1) 21:15</p> <p>places (2) 22:25;49:5</p> <p>Plaine (1) 50:11</p> <p>planned (2) 12:3;39:1</p> <p>please (4) 28:7;33:21,23;54:20</p> <p>plenty (2) 40:1,3</p> <p>Plumb (1) 41:6</p> <p>pm (1) 55:11</p> <p>point (8)</p>	<p>19:11;21:2,4;33:8; 39:25;45:12;50:7,8</p> <p>pole (3) 22:8,9,9</p> <p>poles (2) 19:1,10</p> <p>Pollution (1) 10:10</p> <p>portion (7) 18:22;19:8,11,17;22:5; 36:24;46:10</p> <p>portions (3) 20:13;23:7;43:10</p> <p>positive (2) 43:19,20</p> <p>possible (3) 15:21;20:7;34:3</p> <p>potential (16) 8:16,18;24:15,17,18, 22;26:24;28:1,9,13; 37:18;38:8;41:19,23; 43:12;49:9</p> <p>potentially (1) 10:15</p> <p>Power (6) 19:9,12;20:14,16; 45:15,21</p> <p>prefer (2) 5:22;8:4</p> <p>preference (1) 45:7</p> <p>preliminary (2) 16:6;20:25</p> <p>prepares (1) 9:18</p> <p>presence (4) 3:12;7:8;35:20;55:10</p> <p>presentation (6) 6:5,15;7:16;8:2;12:14; 34:16</p> <p>resident (1) 47:15</p> <p>pretty (3) 13:25;18:9;50:6</p> <p>previously (2) 32:12;44:25</p> <p>primarily (1) 17:14</p> <p>primary (1) 15:19</p> <p>printout (1) 44:10</p> <p>probably (10) 6:7;7:24;9:4;14:19; 21:14;41:2;46:5;49:9; 50:17;52:10</p> <p>problem (3) 35:17;44:23;49:18</p> <p>proceed (1) 25:10</p> <p>Proceeding (1) 55:11</p> <p>process (42)</p>	<p>3:13;4:6;7:16,17,22; 8:9;9:3,12,17,22;10:2; 13:25;14:4;16:2,4,16; 19:13;20:13,18,22;21:3, 10;22:19;24:1,4;25:18; 26:14,21,21;27:19;28:23; 29:6,6;31:4;39:11,23; 46:6,10;51:1;53:2,13; 54:4</p> <p>processes (1) 6:16</p> <p>produce (3) 24:1,20;25:13</p> <p>professional (1) 11:1</p> <p>programs (1) 49:3</p> <p>project (69) 3:15,18,21,25;4:6,14, 21;6:1,19,20;7:10,19;8:7, 17,23;9:2,19,25;11:7,8, 22;12:4;14:20;15:3,7,10; 16:21,23;18:21;19:4,12; 20:10,17,21;23:14,14; 24:14,15,15,22;25:7,9,16; 27:15,16,21,23;28:2,14; 29:15;31:16,18,19;32:2, 17,19;34:14;36:16,16,19; 41:20;43:12;46:12;48:5; 51:10;53:5,21,22,25</p> <p>projects (5) 3:16;15:11;26:2;28:10; 36:22</p> <p>properties (2) 47:25;48:6</p> <p>property (9) 26:9;29:19;30:9;36:2; 48:2,23;52:11;53:1;55:3</p> <p>proposal (1) 48:20</p> <p>proposed (31) 4:1;8:7,17;9:19,25; 11:25;16:2;17:8;25:4,16; 27:23,25;28:2,9,14;29:5, 15,25;32:2;41:13,20,24; 42:12,15;43:10,13;44:8, 21;45:23;47:20;48:5</p> <p>proposing (4) 8:19;11:23;18:24;22:7</p> <p>provide (16) 6:21;8:7,10,21;9:23; 11:1;13:18;27:1,9,11; 30:23,25;33:5;38:24; 45:14;54:18</p> <p>providers (1) 11:2</p> <p>providing (1) 54:13</p> <p>Public (34) 3:4,15;4:2,4,22;6:1,10, 16,24;7:13;8:3,23;9:12, 22;10:16;11:3;12:5,12; 13:8;14:1,9;16:11;20:15;</p>	<p>21:11;25:1;28:25;35:13, 14;36:1;38:15;39:18; 40:4;43:8;51:2</p> <p>publicly (2) 5:10,24</p> <p>PUC (5) 16:18;19:13;21:1,3; 30:21</p> <p>pull (1) 32:20</p> <p>purple (1) 17:3</p> <p>purpose (2) 8:6;36:18</p> <p>purposes (1) 27:4</p> <p>pursuing (1) 42:9</p> <p>push (1) 39:4</p> <p>put (11) 23:3,24;26:11;29:23; 30:5;32:13;44:10;46:20; 48:2,25;50:16</p> <p>puts (1) 3:14</p> <p>putting (1) 46:1</p>
Q				
<p>Quam (1) 52:8</p> <p>quick (1) 7:11</p> <p>quickly (1) 21:17</p>				
R				
<p>Radio (1) 49:17</p> <p>raise (1) 54:14</p> <p>rates (2) 10:25;38:6</p> <p>Rather (1) 50:6</p> <p>reach (3) 9:5;23:17;54:24</p> <p>reaches (1) 20:24</p> <p>read (6) 13:5;27:6;33:5,10; 40:8;51:19</p> <p>ready (2) 23:1;34:20</p> <p>real (2) 24:2;28:24</p> <p>realize (1) 6:24</p> <p>really (13) 3:10,13,14;4:18,19;7:7;</p>				

<p>10:11;27:9;30:7;34:5; 36:14;50:9;51:11 reason (3) 12:15;34:17;38:24 reasonable (1) 10:25 reasons (3) 42:8,10;45:3 rebuild (1) 19:2 receive (6) 21:4;25:5,9;35:25; 52:18;53:5 received (2) 51:8;53:16 recommend (3) 29:9;30:4,7 recommendations (2) 9:25;38:3 recommended (1) 29:17 recommending (1) 24:6 record (5) 5:17,20;33:7,22;34:13 reduced (1) 38:5 reference (1) 38:22 references (1) 27:17 referred (1) 27:19 refined (1) 16:14 regarding (2) 26:22;51:3 region (1) 15:8 regional (2) 15:5,22 regularly (1) 23:15 regulate (2) 6:17;10:22 regulator (1) 36:9 reincorporate (1) 13:21 rejected (1) 47:3 related (2) 10:6;47:23 release (1) 13:4 released (2) 13:13;40:1 reliability (3) 15:14;20:5;31:25 relocate (1) 19:14 relocated (2) 17:8;19:6</p>	<p>Remember (1) 34:2 reminded (1) 14:23 remove (1) 19:17 renewable (3) 15:13,16;51:11 repairs (1) 23:10 report (3) 9:23;33:14;37:16 reporter (2) 33:13,23 represent (1) 47:13 representative (1) 38:17 requested (2) 42:6;52:18 require (6) 11:12;22:4;37:20; 42:13,17;43:16 required (2) 21:8;25:7 rerouting (1) 44:1 residences (1) 44:14 residents (5) 7:1;41:12;44:19,19,20 resilience (1) 15:14 resource (1) 26:23 Resources (4) 10:9;26:20,24;29:24 respect (2) 33:15;34:2 respectful (1) 33:18 rest (3) 8:2;33:15;39:4 restoration (1) 23:9 restrict (1) 17:21 returned (1) 23:11 revenue (1) 36:3 revenues (1) 36:2 review (10) 9:17;13:5;20:9;21:2; 23:22;24:4,11,20;25:14; 37:24 reviews (1) 9:14 Rich (17) 4:9;7:20;23:19,20; 34:24;40:19,22;41:1; 46:15,24,25;47:11;52:1,</p>	<p>4,24;53:7;54:6 right (30) 3:1;18:2,8,9,15;21:22, 23;22:2,3,16,22;27:5; 29:7;32:9;35:3;38:2; 40:19;42:21,22;43:3,4,5, 15,16;44:21;45:19;46:19, 24;47:9;54:6 rights (2) 43:11;47:16 River (3) 17:6;18:18;19:11 road (5) 22:3;41:7;48:22;49:10; 50:3 roads (2) 35:23;36:7 Rochester (8) 12:3;17:4,5;18:4; 20:15;37:8,9;42:4 role (2) 10:3;24:3 rolling (1) 55:5 room (2) 18:2;45:2 rounds (1) 16:10 route (47) 8:9,19,20;9:14;11:14; 17:1,14,22;18:5,5,11,13, 14;19:18;20:22;21:4,7; 25:22,23;28:11,15;29:7, 8,9,21;31:4,18;41:22,24; 42:3,6,9,11,11,12,13; 43:8,10,13,25;44:3,17,17; 50:5;53:1,2,7 routed (1) 18:1 routes (18) 16:1,6,9,12,13,17;25:4; 28:11;29:19,20;31:4,11; 41:13,21;42:15;43:11; 47:20;55:4 routing (1) 42:2 ruin (1) 50:15 run (1) 12:1 rundown (1) 25:15 Russell (1) 52:9</p>	<p>16:18;20:20;23:22; 27:17;38:20;39:10;46:9; 53:4;55:9 same (6) 5:6,20;13:10,10;19:1; 34:12 save (1) 45:16 saying (4) 7:6;31:9;33:14;50:21 schedule (3) 20:19;35:12;52:21 scheduled (2) 12:4;13:24 scheduling (1) 39:8 school (1) 35:25 scope (8) 8:11,15;12:16;23:24; 26:11;27:3;29:21;34:4 scoping (20) 4:3,9,11;7:22;12:20; 20:1;24:4;25:17;26:3,14, 17,21;27:4,10;28:23; 39:16,18,21;41:17;54:22 screen (2) 6:4;27:5 screwed (1) 34:25 searched (1) 25:22 second (4) 19:7,10;28:1;45:6 section (5) 17:17;19:2;32:10,12; 45:13 sections (1) 55:4 secure (1) 21:6 seed (1) 23:10 seem (1) 50:9 segment (30) 8:20;16:25;17:2,5,7,9, 10,18,18,22;18:3,6,17,19; 19:6,15;20:13,14;25:23; 29:9;41:14;42:1,2,12,15, 16;44:5,5,7;47:22 segments (8) 16:23;19:18;23:5; 28:11;29:21;31:5,11; 41:22 selected (4) 11:16;18:5;21:7;31:5 selection (1) 36:11 Senate (1) 10:19 send (1) 53:11</p>	<p>sense (1) 13:7 sent (3) 52:25;53:12,19 separate (3) 11:25;16:22;19:12 September (1) 13:24 sequence (2) 22:19;23:8 serve (1) 31:25 service (3) 10:22;11:2;12:4 services (1) 10:25 setting (1) 9:23 seven (1) 44:6 several (2) 48:18;50:22 shape (4) 3:22;4:17;39:20;40:15 share (3) 22:3;43:3;48:2 shared (1) 22:2 shares (1) 17:17 sharing (1) 45:21 Sherco (1) 37:1 shield (2) 44:18,20 shifting (2) 30:8,11 shirt (1) 7:14 short (1) 38:9 shortcut (1) 48:4 shorter (1) 42:11 show (2) 19:7;23:13 showing (1) 3:7 shown (1) 17:2 shows (1) 32:7 shy (1) 32:6 side (5) 18:25;19:10;22:11,12; 51:10 sign (2) 34:14;53:23 signals (1) 49:17</p>
		S		
		<p>safe (1) 10:24 Safety (1) 47:16 SAM (13) 3:1,4;7:12;14:17;</p>		

<p>signed (1) 54:9</p> <p>significance (1) 28:20</p> <p>similar (2) 15:11;50:12</p> <p>simple (1) 39:14</p> <p>site (1) 9:14</p> <p>sited (1) 49:20</p> <p>sitting (1) 7:13</p> <p>situation (2) 50:18;51:18</p> <p>size (6) 27:16,22;31:21,23; 36:16;51:16</p> <p>slide (6) 10:4;28:15;32:7;34:9; 35:5,10</p> <p>slides (1) 10:1</p> <p>slightly (1) 44:1</p> <p>slow (2) 14:24,25</p> <p>small (2) 18:9;50:17</p> <p>smaller (2) 17:25;47:23</p> <p>smell (1) 51:23</p> <p>snapshot (2) 4:11;12:8</p> <p>social (1) 53:14</p> <p>soil (2) 22:20;23:11</p> <p>solid (1) 26:15</p> <p>somebody (4) 9:8;30:9,12;44:11</p> <p>Someone (3) 48:1;53:15;54:10</p> <p>Sometimes (2) 21:24;22:2</p> <p>somewhat (2) 10:5;38:15</p> <p>Sorry (1) 14:15</p> <p>sorts (1) 10:10</p> <p>south (10) 17:11,12,17,18,19,22; 18:13;47:22,22;52:10</p> <p>Southern (1) 20:15</p> <p>southwestern (1) 37:1</p> <p>space (1) 6:21</p>	<p>span (2) 22:13,17</p> <p>speak (8) 5:10,21;6:22;34:2; 35:3;41:10,11;48:3</p> <p>speaking (2) 5:24;54:11</p> <p>specific (4) 26:9;27:2;38:25;39:5</p> <p>specifically (7) 24:7;25:12,20,22; 29:19;33:5;41:14</p> <p>spell (1) 33:21</p> <p>spreadsheet (1) 44:10</p> <p>staff (4) 10:20,21;30:18;34:10</p> <p>stage (1) 21:12</p> <p>stakeholder (1) 21:12</p> <p>staking (1) 22:21</p> <p>stamp (1) 32:14</p> <p>standard (1) 26:20</p> <p>stands (1) 49:23</p> <p>start (5) 3:6;4:4;12:3;14:24; 22:20</p> <p>started (2) 3:3;20:22</p> <p>state (12) 3:5;6:14,17;10:11; 25:2;29:2;33:21;36:13, 15;42:8;50:3,13</p> <p>stated (3) 27:15;42:19;43:9</p> <p>statement (11) 8:12,13;9:19;13:22; 22:1;23:25;25:13;28:24; 40:12;43:7,21</p> <p>state's (1) 8:8</p> <p>steel (2) 22:7,8</p> <p>steps (1) 10:2</p> <p>still (3) 9:1;28:23;55:2</p> <p>Stone (1) 36:24</p> <p>strategies (1) 25:19</p> <p>Street (1) 44:14</p> <p>stressing (1) 36:18</p> <p>Strong (1) 48:22</p>	<p>structures (5) 17:16;19:5,18;22:14; 23:4</p> <p>studied (2) 13:19;20:9</p> <p>study (24) 4:13,14,16,18,21; 12:17,23,24,25;13:1,12, 15;20:1,5;25:18;26:15; 31:2,14;39:21,22,24; 40:7,15;45:24</p> <p>studying (1) 39:20</p> <p>stuff (2) 20:23;28:19</p> <p>submit (5) 5:17;32:7,19,22;54:1</p> <p>submitted (5) 12:9;16:17;29:1;44:5, 11</p> <p>substation (9) 17:4,6;18:4,18;37:2; 42:4;45:8,13;46:2</p> <p>suffered (1) 33:10</p> <p>suggest (2) 29:14;49:24</p> <p>suggested (2) 29:16;30:23</p> <p>suggesting (2) 31:4,11</p> <p>suggestions (2) 28:6;29:12</p> <p>sum (1) 30:10</p> <p>supervisor (1) 41:8</p> <p>supervisors (1) 41:10</p> <p>support (2) 15:7,22</p> <p>sure (11) 4:15;34:1,24;40:17; 46:12,19;47:6,10;52:3; 53:9;54:21</p> <p>surface (1) 42:24</p> <p>surveys (1) 22:21</p> <p>swath (2) 48:16;52:12</p> <p>swing (1) 33:25</p> <p>System (9) 15:5,13,14;27:19; 31:17,20;37:6,9,15</p>	<p>37:25</p> <p>tailor (1) 27:8</p> <p>talk (13) 4:8;8:3,14;10:2;14:10; 21:22;25:1;30:14;32:6; 33:21;34:19;41:25;46:19</p> <p>talked (1) 20:20</p> <p>talking (7) 7:21;14:24;19:4;20:23; 33:16;41:15;54:12</p> <p>Tammy (1) 48:19</p> <p>tap (1) 45:11</p> <p>tasked (1) 23:23</p> <p>taste (1) 51:6</p> <p>tax (1) 36:2</p> <p>team (1) 49:22</p> <p>technical (1) 11:5</p> <p>telephone (1) 10:23</p> <p>tend (1) 14:25</p> <p>tending (1) 35:13</p> <p>tentatively (1) 13:23</p> <p>term (3) 9:2,3;46:12</p> <p>terms (3) 11:5,6;21:18</p> <p>terrain (2) 22:11,15</p> <p>thankful (1) 4:19</p> <p>thanking (1) 3:6</p> <p>thanks (3) 3:24;7:7;14:17</p> <p>that'll (1) 7:24</p> <p>thinking (1) 29:8</p> <p>third (2) 12:12;24:12</p> <p>T-H-O-M-F-O-R-D-E (1) 41:6</p> <p>Thomforde (7) 40:20,21,21,24;41:2,5; 46:22</p> <p>though (3) 35:1;53:18;54:16</p> <p>thought (1) 48:1</p> <p>thoughts (1) 25:3</p>	<p>three (9) 10:22;17:5,9;18:17; 20:13;35:5;41:9;42:5,16</p> <p>throughout (3) 15:8,13;21:11</p> <p>Thursday (1) 5:3</p> <p>tile (1) 48:5</p> <p>timeline (4) 10:2;12:7;38:23;39:4</p> <p>times (1) 23:6</p> <p>timing (2) 31:22;35:11</p> <p>today (28) 3:2,7,7,24;4:2,15,20, 24;5:9,11,19;7:2,7,11; 8:25;12:13,16;13:9,11; 30:15;33:6;35:19;39:2, 17;40:6;41:25;44:11; 50:25</p> <p>today's (1) 8:6</p> <p>together (4) 23:24;26:12;44:10; 49:23</p> <p>tolerate (1) 50:18</p> <p>tomorrow (2) 5:2,12</p> <p>ton (1) 34:8</p> <p>tonight (1) 5:12</p> <p>top (1) 23:5</p> <p>topics (3) 27:13;33:9;41:16</p> <p>total (1) 50:8</p> <p>totally (2) 4:15;42:25</p> <p>touch (1) 14:16</p> <p>towards (1) 26:18</p> <p>towers (1) 49:14</p> <p>town (1) 18:9</p> <p>towns (2) 17:25;18:1</p> <p>township (8) 35:19,23;41:9,10,11, 12;45:12;47:18</p> <p>townships (3) 35:21,24;42:5</p> <p>track (1) 34:18</p> <p>tracks (1) 48:7</p> <p>tradeoff (2)</p>
		T		
		<p>table (8) 26:14,16,19;28:4;32:9; 34:16;37:12,25</p> <p>tables (1)</p>		

46:2;50:9 traditional (1) 15:18 transmission (24) 3:25;8:9;11:10,17,24; 15:6;18:15;22:6,8;27:22, 24;31:23;41:13;42:3,14, 21,22;43:1,11,15,17; 44:21,24;46:1 Transportation (1) 10:9 treatments (1) 49:16 trees (3) 44:15,17;45:19 Tremval (1) 37:9 Trevor (3) 7:14;8:25;9:6 triangle (1) 19:25 tribes (1) 25:10 true (1) 42:25 try (2) 9:6;55:5 trying (7) 23:23;26:11,12,13,14; 27:13;30:16 turkey (1) 48:21 turnout (1) 4:20 TV (1) 49:17 twist (1) 35:8 two (16) 4:23;5:3;11:7;16:9; 17:1,2,10;18:3;21:18; 35:22;38:3;41:18;44:4; 47:21,22;52:10 two-pole (1) 17:16 type (5) 27:17,21;31:22;32:21; 36:17 typical (2) 22:9,18 typically (1) 22:15	unfortunately (1) 8:25 unique (1) 28:17 unit (2) 9:13;23:22 units (4) 9:11;10:5,12;35:18 up (28) 6:3;8:3;10:6;12:20; 24:8;26:6;27:5;28:15; 32:6,20,25;33:12,20; 34:14;37:1,5;38:13; 40:16;46:18;48:8,19; 53:20,23,24;54:9,10; 55:5,8 Upgrading (1) 15:20 use (2) 21:18;29:20 used (3) 11:6;24:21;44:18 useful (1) 27:9 usually (2) 23:5;53:7 Utilities (15) 3:5;6:2,10,16,18;7:13; 8:24;9:13;10:17;12:6; 14:9;20:15;38:16;43:9; 51:2 utility (4) 10:25;11:2;20:6;36:1	Wabaco (1) 19:9 walked (1) 26:16 wants (1) 44:11 Waterville (1) 4:24 way (29) 3:22;17:25;18:2,10,16; 21:22,23;22:2,3,16,22; 25:24;36:5,6,20;38:2; 39:10;42:21,22;43:3,4,5, 12,15,17;44:22;45:19; 46:12;47:9 ways (5) 18:12;27:14;32:5;33:2; 36:15 wearing (1) 49:8 web (2) 32:18;34:12 website (5) 6:2,11;23:14,17;32:18 week (1) 4:22 weeks (2) 13:6;40:2 weight (1) 3:15 weighted (1) 5:20 welcome (3) 5:6,9;14:8 weren't (1) 52:5 west (3) 42:16;44:5;50:10 what's (5) 11:12;13:7;29:25;35:7, 11 whereas (1) 13:10 whole (5) 9:2;14:20;31:19;32:10; 40:13 wider (1) 18:2 width (2) 22:22;48:3 wildlife (1) 48:14 Wilmarth (1) 37:8 wind (4) 48:15;49:19;51:3,9 windmills (1) 49:21 Wisconsin (1) 37:22 within (11) 15:14;42:23;43:23,25; 44:6,9;45:19;48:19;52:9,	10,11 without (1) 50:21 word (1) 40:22 work (7) 3:23;6:16;10:7;21:21; 30:16;31:8;36:20 worked (1) 55:5 working (3) 15:6;20:6;21:17 works (6) 4:6;7:16,22;39:11; 45:21;46:12 worse (2) 44:8,13 worthy (1) 42:9 wrap (1) 55:7 write (2) 5:22;32:13 writing (1) 29:6 written (7) 5:15,19;29:1;32:7; 34:11;41:3;54:20 wrong (1) 35:6	Zumbro (2) 44:24;47:3 Zumbrota (1) 52:16
	V		X	1
	variation (1) 50:2 various (1) 49:16 verbal (3) 33:6;54:14,18 verifications (1) 16:8 via (2) 30:15;49:17 virtual (2) 5:4,13 visually (1) 44:19 vocalize (1) 5:13 Vogel (2) 48:19;52:8 voice (1) 7:3 voiced (1) 50:23 voltage (5) 8:8;11:10,17,17;50:12	welcome (3) 5:6,9;14:8 weren't (1) 52:5 west (3) 42:16;44:5;50:10 what's (5) 11:12;13:7;29:25;35:7, 11 whereas (1) 13:10 whole (5) 9:2;14:20;31:19;32:10; 40:13 wider (1) 18:2 width (2) 22:22;48:3 wildlife (1) 48:14 Wilmarth (1) 37:8 wind (4) 48:15;49:19;51:3,9 windmills (1) 49:21 Wisconsin (1) 37:22 within (11) 15:14;42:23;43:23,25; 44:6,9;45:19;48:19;52:9,	Xcel (13) 4:1;7:18;11:8,23; 14:18;20:11;25:8;31:6; 32:1;34:9;37:21;42:7; 46:20 Xcel's (1) 36:10	1,000 (1) 52:10 100 (2) 11:18;22:10 100-foot (2) 22:16;47:9 11:00 (1) 3:3 115 (1) 17:15 12:21 (1) 55:11 1200 (1) 22:13 130-mile (1) 11:24 150 (9) 22:10,11,12;42:24; 43:23,25;44:6,9,15 1500 (1) 11:18 150-foot (2) 21:23;47:10 16 (5) 18:23;19:3;42:13; 45:17,25 161 (17) 11:25;12:2;17:7;18:24; 19:3,10,14,16;20:2; 22:15;42:14;45:4,10,14, 17,22;47:8 163 (1) 37:5 169 (1) 50:11 17 (1) 37:25 19 (1) 44:8 1st (5) 5:16,17;14:5;33:8; 54:21
	W		Y	2
U			Z	
ultimately (2) 24:19;30:24 under (4) 6:2;36:12;41:17;48:4 understated (1) 38:6 unfortunate (1) 51:4			yard (1) 30:5 year (9) 9:3;12:10;16:10,15; 21:2;38:13,14,14,14 years (4) 6:23;18:21;49:3,15 yesterday (2) 4:23;52:14 young (1) 48:24 younger (1) 51:15	2020 (2) 18:21;42:3 2022 (1) 20:21 2023 (1) 20:22 2024 (3) 12:11,22,25 2025 (6) 13:1,9,12,23,25;40:7 2026 (2)
			zero (1) 30:10 zoom (2) 29:18;55:3	

12:4;21:14 2030 (3) 12:5;21:15,15 20-mile (1) 11:25 22-532 (1) 6:3 23-157 (1) 6:3 24 (1) 50:23 25 (4) 45:17,25;50:10,12 250 (1) 38:4 26 (2) 18:17;35:5 26th (1) 12:11 2nd (1) 36:23	6			
3	6:00 (2) 5:1,2 60 (1) 50:1 63 (1) 44:15 66th (1) 48:19 69 (5) 17:23,24;18:6,8,11 692 (1) 37:8			
3,000 (2) 37:13;38:10 300 (2) 11:10;22:17 30'ish (1) 7:24 331 (1) 37:10 345 (17) 3:25;11:24;12:1;17:8; 18:10,20,23,25;19:19; 21:24;22:10,11;43:2; 45:1,11,23;47:19 35 (1) 18:4 3585 (1) 37:17 3585.24 (1) 37:14 3585.4 (1) 38:11	7			
4	7 (1) 38:1 718 (2) 37:7,15 7-19 (1) 38:1 75 (3) 10:20;22:12;47:17 75th (2) 44:14,14			
4,000 (1) 53:11 40 (4) 7:24;17:14;18:4;49:3	8			
5	8:00 (2) 5:1,3 80 (1) 10:20 80- (2) 22:16;47:9 800 (1) 22:13			
5.1 (1) 37:12 50 (1) 49:3 500 (2) 22:17;52:12 500-some (1) 51:20	9			
	9 (1) 45:13 9637 (1) 41:6			

In The Matter Of:

*Mankato-Mississippi River 345 kV TL Project
Info & Scoping - 22-532 & 23-157*

PINE ISLAND - 7-9-24 - 6:00 P.M.

July 9, 2024

Pine Island - 7-9-24 - 6:00 p.m.

Shaddix & Associates

7400 Lyndale Avenue South

Suite 190

Richfield, MN 55423

Page 1

1 SCOPING AND INFORMATIONAL MEETING - 22-532 & 23-157
 2 PINE ISLAND - JULY 9, 2024 - 6:00 P.M.
 3 BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION
 4 AND DEPARTMENT OF COMMERCE
 5
 6 In the Matter of the Application of Xcel Energy
 7 for a Certificate of Need and Route Permit for the
 8 Mankato - Mississippi River 345 kV Transmission Line
 9 Project in Southeast Minnesota
 10
 11
 12 MPUC DOCKET NOS: E002/CN-22-532
 13 E002/TL-23-157
 14
 15
 16
 17 Pine Island Public Schools
 18 High School Commons
 19 Pine Island, Minnesota
 20
 21 JULY 9, 2024
 22
 23
 24
 25 COURT REPORTER: Janet Shaddix Elling, RPR

Page 2

I N D E X	PAGE
1	
2 SPEAKER	3
3 Sam Lobby	14
4 Ellen Heine	23
5 Rich Davis	34
6 Sue Benysh	39
7 Jeremy Laures	41
8 Matt Kuehl	46
9 Curtis Kuecker	49
10 Carol Overland	52
11 Virginia Adler Shassler	56
12 Ryland Eichhorst	58
13 Tony Knauer	64
14 Stephen Hackman	71
15 Travis Devlaeminck	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

Page 3

1 **MR. SAM LOBBY:** All right. So we're
 2 going to get started here.
 3 My name is Sam Lobby, I am with the
 4 Minnesota Public Utilities Commission.
 5 Firstly, i just want to thank you all
 6 very much for taking the time to come here. We know
 7 that this is time that you're taking out of your
 8 day --
 9 **UNIDENTIFIED:** We can't hear you.
 10 **MR. SAM LOBBY:** All right. Are we good
 11 now? Can you hear now?
 12 **UNIDENTIFIED:** No.
 13 **MR. SAM LOBBY:** Oh, is it working now?
 14 Thanks for letting me know.
 15 All right. So thank you all very much
 16 for taking the time to come here tonight and taking
 17 time out of your busy schedules and lives to
 18 participate in the meeting tonight. We appreciate
 19 you being here. We know it is extra work for you to
 20 come, but we also want you to know that your input
 21 is highly valued by the Commission.
 22 (Discussion off the record.)
 23 **MR. SAM LOBBY:** Janet is our lovely court
 24 reporter, and so she will be taking the notes that
 25 the commissioners actually read. So thank you all

Page 4

1 very much for making things easier for her.
 2 All right. So, yes, thank you very much
 3 for coming and taking the time to come here tonight.
 4 We're going to be discussing the Mankato
 5 to Mississippi River 345 Kilovolt Transmission Line
 6 Project, which is proposed by Xcel Energy.
 7 We've been having public meetings all
 8 week long. We had two yesterday, we had one earlier
 9 today in Faribault, and then we've got one that's
 10 happening right now, one more in-person meeting
 11 tomorrow in Kellogg, Minnesota, and then we have two
 12 virtual meetings on Thursday from 11:00 to 1:00 and
 13 then 6:00 to 8:00 on Thursday.
 14 And in addition to the public hearings we
 15 are having, there's also a written comment period
 16 that goes until August 1st. So if you either don't
 17 want to get up and speak publicly or if you, you
 18 know, if you think of something after you leave this
 19 meeting, there's still plenty of time for you to
 20 comment and let us know what you're thinking about
 21 things. So we will talk a little bit more about how
 22 to get those comments to us during the presentation.
 23 The project itself can be found on the
 24 Public Utilities Commission website under docket
 25 numbers 22-532 and 23-157. You can see those

Page 5

1 numbers up there on the screen. And if you received
2 a meeting notice in the mail, there's instructions
3 on that additionally that you may notice, and that
4 is available at the front. So if you didn't get one
5 in the mail, you can pick one of those up and there
6 will be instructions on how to comment and things
7 like that.
8 To give you a little bit of context here,
9 the Public Utilities Commission is here to give the
10 public a voice. So decades ago, there has been some
11 progress that has happened, but there wasn't this
12 sort of open forum for the public to come and have
13 an opportunity to talk about the project and how it
14 might affect you. That's what tonight is about. We
15 want to make it possible for you all to let us know
16 if you have any questions, comments, concerns,
17 negative, positive, any thoughts about this project.
18 We want to hear from you because you all live in the
19 area. You know the area better than anyone else, so
20 you can help us, the commissioners, to make their
21 final decision as to whether or not this project is
22 permitted.
23 The commissioners do read Ms. Shaddix's
24 transcripts for every project and they're very
25 concerned and they're aware of public concerns and

Page 7

1 about the environmental impact statement and how
2 that is done and how you all can participate.
3 Then after that, after we're finished
4 with our presentation here, then the rest of the
5 meeting is for you all to come up and ask questions
6 or make comments.
7 So the purpose of tonight's meeting is
8 first of all to provide information about the
9 proposed project as well as to provide information
10 about the state's high voltage transmission line
11 route permit process.
12 We wanted to give you an opportunity for
13 you all to participate in developing the scope of
14 the environmental impact statement, so EIS is the
15 acronym for environmental impact statement. If
16 you're not familiar with this term, that's just
17 fine, I'll explain what that's all about.
18 So in developing the scope of the EIS,
19 essentially what that means is we want you all to
20 give us comments and help us to decide what this
21 environmental analysis is going to study. So the
22 comments you give us tonight are going to shape the
23 direction of that study. So the reasons for this or
24 what we're looking for is comments on potential
25 impacts of the proposed project. Again, something

Page 6

1 they want to know that, that's a priority for them.
2 So any comments or anything that you make today or
3 any written comments, those will be reviewed by the
4 commissioners. So thank you very much for taking
5 the time to come and for participating in this.
6 So just to give you a little brief
7 snapshot of what we're going to be going over
8 tonight.
9 I am Sam Lobby with the Public Utilities
10 Commission. One of my colleagues is up at the
11 front, Trevor Culbertson, you may have seen him
12 coming in. Trevor and I are filling in for Cezar
13 Panait. He is going to be the lead throughout the
14 duration of this project. With that in mind, Trevor
15 and I are more than happy to answer questions you
16 have at any point throughout this process, even
17 later on, because it is over a year-long process.
18 But Cezar Panait is the name that you'll see as
19 things go along the line.
20 Then after I give an introduction and
21 talk about the review process, then Ms. Heine from
22 Xcel Energy will be talking about the proposed
23 project itself.
24 Then after that, Mr. Rich Davis from the
25 Department of Commerce EERA group, he will talk

Page 8

1 that you all, as people that live in the project
2 area, you know the area best. And then also
3 comments on methods to minimize, mitigate, or avoid
4 potential impacts. That may include proposing an
5 alternative route or route segment for
6 consideration.
7 And then we'll also provide contact
8 information in case there are questions later. I
9 mentioned that the written comment period ends on
10 August 1st, but with that said, if you have
11 questions or anything outside of that comment
12 period, the Public Utilities Commission and the
13 Department of Commerce, we're always happy to take
14 your calls if you have any questions or anything
15 like that. So our phone is on and we're happy to
16 take your call at any time.
17 So the government units that will be
18 involved in this process are, of course, the Public
19 Utilities Commission. We are the government unit
20 that reviews applications and issues site and route
21 permits in Minnesota.
22 Then also the Department of Commerce,
23 they manage the environmental review process for the
24 Commission and they will prepare the environmental
25 impact statement on the proposed project.

Page 9

1 Later on in the process there will also
 2 be an administrative law judge from the Office of
 3 Administrative Hearings who will facilitate a public
 4 hearing later on in the process and provide a report
 5 to the Commission setting forth findings of fact,
 6 conclusions of law, and recommendations on the
 7 proposed project. I will talk a little bit more
 8 about this part of the process in a future slide
 9 when I talk about the timeline and tell you what to
 10 expect moving forward.
 11 So these are the main government units
 12 that are involved in the actual permitting process,
 13 but many other state, local, and federal agencies
 14 will be involved throughout. So, for example, the
 15 Minnesota Department of Transportation or Minnesota
 16 Department of Natural Resources, these sorts of
 17 agencies, we may reach out to them for information
 18 or they may have permits and things that if the
 19 project does get approved that the project will have
 20 to follow. You know, the Department of
 21 Transportation permits and things like that. So
 22 there's quite a few different agencies involved.
 23 We also try to keep in as close of
 24 contact and as involved with local government
 25 because, again, local government are the folks on

Page 11

1 than one mile of length in Minnesota. And then the
 2 route permit is another permit that is required for
 3 any high voltage transmission line with a nominal
 4 100 kilovolts or more or greater than 1500 feet. So
 5 for this proposed project, I'll just give you a
 6 quick snapshot.
 7 Ms. Heine with Xcel will explain more
 8 detail, but Xcel is proposing to build a new
 9 approximately 130-mile 345 kilovolt transmission
 10 line and a separate new 20-mile 161 kilovolt line.
 11 The proposed 345 kV line will run from
 12 Mankato to the Mississippi River crossing near
 13 Kellogg, Minnesota, and the 161 will be built north
 14 of Rochester. If the permit is granted,
 15 construction is planned to start in 2026, and the
 16 project is scheduled to be in service by 2030.
 17 And, with that, here is kind of a
 18 snapshot of what kind of a snapshot or what to
 19 expect throughout the process here and kind of how
 20 long it will take in the different points throughout
 21 the process.
 22 So in April of 2024 the application was
 23 submitted to the Public Utilities Commission and
 24 then at the end of June the Commission officially
 25 approved or accepted the application.

Page 10

1 the ground that know a lot of what's happening and
 2 so we want to make sure that the local voices is a
 3 part of all of this.
 4 So a little background on the Minnesota
 5 Public Utilities Commission. The Commission
 6 consists of five commissioners who are appointed by
 7 the governor and confirmed by the Senate. We
 8 regulate three service industries, electricity,
 9 natural gas, and telephone. Our mission is to
 10 ensure adequate and efficient utility services at
 11 fair and reasonable rates, and we provide
 12 independent professional oversight and regulation of
 13 utility service providers in a manner that is
 14 consistent with the public needs.
 15 So in order for this particular project
 16 to become permitted, there's a couple things that
 17 need to happen and the Commission needs to approve.
 18 So two of the terms in that jargon of terms you will
 19 see coming up in this process, and two important
 20 terms to know about, are the certificate of need and
 21 the route permit.
 22 So a certificate of need is something
 23 that the Commission may or may not grant and that is
 24 going to be for any high voltage transmission line
 25 with capacity of 300 kilovolts or more and with more

Page 12

1 The next step, the third line down, is
 2 the public information meetings. So that's where we
 3 are today. So, again, what today is about is we are
 4 looking for comments from you to help us shape and
 5 decide what are the most important things to study
 6 for the environmental impact statement. So the
 7 comments that we get then from you all will help us
 8 to decide here are these things we're going to look
 9 at. And then in October of 2024 we will release --
 10 or the Department of Commerce will release a scoping
 11 decision. So a scoping decision is going to be
 12 officially here in your comments list of everything
 13 that was requested to be looked at.
 14 And so here's that list, that's what
 15 we're going to be looking at, so that comes out in
 16 October of 2024. Then months down the line, in
 17 March of 2025, that's how long it will take to
 18 actually complete the study, so it's a very robust
 19 study. It's going to be looking at all sorts of
 20 things. Rich is going to talk more about that in a
 21 little bit.
 22 So the draft EIS, the draft of it will be
 23 issued in March. And then once it's issued, that
 24 will give you all plenty of time to review it,
 25 several weeks or a month or more to review it and

Page 13

1 you can say did this do what we asked today, at the
2 meeting today, you know, months later is that
3 reflected in this.

4 And so then in April of 2025 we're going
5 to come back just like we are today, the same place,
6 the same room, the same format and everything, only
7 in that meeting it will be overseen by an
8 administrative law judge. So the judge will be
9 performing the hearing. And at that meeting we will
10 take your comments on did we actually study the
11 things you were concerned about, other things we
12 should be looking at, things like that. So today
13 you're telling us what we should study and then in
14 April of 2025, once the study has been done, you get
15 another opportunity to respond to that. And then
16 even that still, then once we take your comments,
17 then we're going take those and look back at the
18 environmental impact statement one more time and
19 update it based on your most recent comments. Then
20 a final environmental impact statement will be
21 issued in either June or July of 2025, and a
22 decision will be made by the Commission in September
23 2025.

24 So that kind of gives you a little bit of
25 an idea of how long the process takes and what to

Page 15

1 reliability and system resilience within this
2 region. It also creates greater access for more
3 low-cost renewables to access the system. Upgrading
4 an existing infrastructure -- upgrading existing
5 infrastructure and facilities also does provide more
6 tax revenue in the region and supports regional
7 economic growth.

8 A little bit about the routing process.
9 The routes that you see on the maps here that were
10 included in the application that we submitted to the
11 PUC, initially, when we developed those, the team
12 developed those, there was a lot of desktop mapping
13 tools and using massive roads with environmental
14 information, growth and different things like that,
15 and we identified some preliminary routes for the
16 entire project.

17 And then typically once we had those
18 preliminary routes identified and did some
19 adjustments of those, we did some field verification
20 on the ground to look at some of the routes that we
21 were looking at, and there were more or different
22 options included than in our evaluation.

23 And then we did two rounds of public open
24 houses last year in May and September of 2023 for
25 landowners and from the public.

Page 14

1 expect. There will be a lot of opportunities like
2 right now where you all will have an opportunity to
3 officially comment.

4 As I mentioned, too, if it is outside of
5 a comment period, don't let that stop you from
6 calling us and asking questions or any concerns or
7 anything at all that you want to talk to us about
8 related to the problem, we're happy to take your
9 call.

10 So, with that, I will go ahead and pass
11 it on to Ms. Heine with Xcel Energy.

12 **MS. ELLEN HEINE:** Thanks, Sam.

13 So, yep, I'll give a brief overview of
14 the project here.

15 So this project was identified, this was
16 one of a group of projects that were identified by
17 MISO, which is the Midcontinent Independent System
18 Operator, the regional transmission group in this
19 area, and so this project was identified to support
20 a robust and reliable grid throughout the region.

21 And so some of the benefits of this
22 project, as noted here, it adds transmission
23 capacity to the system to accommodate increasing
24 amounts of renewable energy that are coming on the
25 system at different locations. It improves

Page 16

1 So based on all of that back in the field
2 review that we did of those preliminary routes, that
3 is what went into developing the routes that
4 currently you see on the proposed application.

5 So the overall map of the project, as you
6 see there, and then some of those maps in the back,
7 it's one project as far as the permit goes, but
8 we've identified it in four separate segments,
9 basically. So that segment one is from Mankato to
10 Faribault, and then segment two from Faribault to
11 the North Rochester substation just a little ways
12 from here. Segment three is the portion of the CapX
13 2020 line which goes from the substation and crosses
14 the Mississippi River near Kellogg. And then
15 segment four is a 161 kV line, which is currently
16 located on the CapX line, on a portion of that, so
17 that needs to be relocated as part of this project.

18 So we'll go through these in a little bit
19 more detail. But segment one is about 40 miles
20 long, the 345 kV segment. Essentially, there's two
21 route alternatives there. We wanted to see all of
22 the things with a 115 kV transmission route corridor
23 with an alternate around and near where the Mankato
24 airport is located. And then the south portion of
25 that mostly falls into the existing 69 kV line with

Page 17

1 some alternatives that go around some of the more
2 populated areas through there.
3 Segment two is from Faribault over to the
4 North Rochester substation here. The north portion
5 of that one partially follows an existing 69 kV
6 there as well. However, this part that comes out of
7 Faribault goes down to avoid -- there's a portion of
8 the 69 kV line that goes right through town, and
9 it's a smaller line and there's not enough room for
10 a 345 kV right of way, so it differs from that. And
11 then also bypasses around Kenyon, similar to that
12 where that 69 kV line is much smaller and they will
13 be closer. And then the south route, segment two,
14 is a greenfield route where that's essentially a new
15 transmission corridor that follows some of those
16 property lines and doesn't follow any transmission
17 corridor right now.
18 And then as I mentioned, segment three is
19 the existing CapX 345 kV line. Right now that line
20 is a portion, the first portion of that you can see
21 that we've identified as Chester Junction. Right
22 now the 161 kV north is inside of that line. So the
23 middle section currently just had a single-circuit
24 345. And then the portion from what's identified as
25 Wabaco Junction on the line over there to the river

Page 19

1 information we had was that it wouldn't be possible
2 to double-circuit with the existing 161 kV line that
3 goes to the North Rochester substation, which is
4 kind on the north of Rochester. And after doing
5 some additional evaluation and working with our
6 utility partners we were able to determine that
7 that's possible and so we've added that as an
8 option.
9 And so just a note on the project
10 partners. The two portions of the segments one and
11 two on the west side of the project are Xcel Energy
12 owned, but the segment three and segment four are
13 all part of the group of owners that were part of
14 the CapX 2020 project, so Dairyland Power, Rochester
15 Public Utilities, and Southern Minnesota Municipal
16 Power Agency are all partners on those segments of
17 the line. Xcel is leading on that and so we're
18 doing this process, but we're working with them on
19 developing the route.
20 And then this is just kind of high level
21 project schedule. As I mentioned, MISO identified
22 this project as needed in 2022, so 2023 to 2024 that
23 initial route development process happened. Our
24 initial stakeholder outreach with open houses and
25 some LGU and things like that. And then some

Page 18

1 currently has a general 161 kV line on the opposite
2 side of that, so there is a separate project that
3 Dairyland Power is working through the process to
4 relocate that portion of that line as well.
5 So segment three, that portion of the
6 345 kV line is not moving, it would stay in place
7 where it is and we'd reuse those existing structures
8 so they don't need to move those, but they do need
9 to add insulators and conductors to that middle
10 section between Chester Junction and Wabaco
11 Junction.
12 And then segment four is the 161 kV
13 portion of the project, so add a portion on that
14 Chester line, there are a few different route
15 alternatives that would connect from that Chester
16 line which is located back up to the North Rochester
17 substation.
18 There were initially, essentially, two
19 main route alternatives of what we were calling
20 segment four north -- or east, and segment four
21 west, with a couple of extra smaller options within
22 there.
23 We also recently, it's been a dashed line
24 on there, did some additional analysis. At the time
25 we developed our permit and submitted it, the

Page 20

1 preliminary engineering has been done on these
2 proposed routes. And that application was submitted
3 to the PUC earlier this year.
4 So right now we're in kind of the state
5 review process phase between 2024 and '26. The
6 state is reviewing that application and the process
7 has been described. And then at the point where
8 final routes are determined towards the end of this
9 process, then final engineering would be done on the
10 route that gets selected as part of that. And then
11 land agents would begin negotiating with landowners
12 for easements for the selected routes.
13 And also any other additional permits,
14 there's often some DNR permits or different things
15 like that once we know where the routes are for that
16 project. And throughout that process we continue
17 engagement with the owners and stakeholders as we
18 find out more about the project.
19 And we anticipate construction to begin
20 probably later in 2026 and continue to sometime
21 early 2030, and then at that point in 2030 the line
22 would be placed into service. And restoration will
23 be done on the right of way in those areas.
24 Restoration will be ongoing as construction happens
25 and continues once they get the line installed.

Page 21

1 Just one note on the terms. We
 2 oftentimes talk about the right of way and that's
 3 been described as just a right of way that's needed
 4 for those lines, so that's that land area that is
 5 used for the transmission line in this case, there
 6 are road right of ways and other things. The
 7 easement is actually a specific piece of land, so we
 8 negotiate with landowners for easements once we know
 9 specifically where that route will be. And
 10 landowners are paid for those at fair market value.
 11 Just a quick overview of the proposed
 12 infrastructure. The poles would be steel
 13 structures, single-pole structures, typically. In
 14 some cases, on like a sharp angle, they might need
 15 two poles, but normally it's a single-pole
 16 structure.
 17 Typical height for the 345 kV line can be
 18 100 to 150 feet depending on the terrain. 150 feet
 19 is on the high side. But it depends on where they
 20 span. And the 345 kV segment, that typical right of
 21 way width is 150 feet, so 75 feet either side of the
 22 centerline for that. And the spans between poles
 23 are typically between 800 and 1200 feet in the line,
 24 and that varies somewhat depending on terrain. And
 25 then the 161 kV, that is typically a 80- to 100-foot

Page 23

1 information, information about the project. We do
 2 have a website where there is some additional
 3 information about the project and some different
 4 handouts and stuff that you can access there. We do
 5 have the project email there specifically, and the
 6 hotline where somebody is monitoring that all the
 7 time. We also have my contact information on there.
 8 And I believe this is my last slide.
 9 **MR. RICH DAVIS:** Good evening, everybody.
 10 Thank you for coming out.
 11 My name is Rich Davis. As Sam had
 12 mentioned, I'm with the Minnesota Department of
 13 Commerce Energy Environmental Review and Analysis
 14 unit, or EERA is the acronym that they use for us.
 15 Logan Hicks is also here, he's in the
 16 back, you might have met him at the table when you
 17 first came in. He's also an environmental review
 18 manager with our unit and so that gives you a couple
 19 people to talk to if you have any questions or
 20 comments to give on the project or route
 21 alternatives or anything along those lines.
 22 **UNIDENTIFIED:** It's really hard to hear.
 23 **MR. RICH DAVIS:** Can you hear that
 24 better?
 25 **UNIDENTIFIED:** Much better.

Page 22

1 wide right of way for the 161 kV, that's a little
 2 bit smaller, and the spans between poles is between
 3 300 to 500 feet between structures.
 4 And then here, just kind of a high level,
 5 the typical construction process. Once the routes
 6 are determined and the land rights have been
 7 negotiated, then they'll begin with soil surveys,
 8 they do some evaluation for foundations, do right of
 9 way staking that can identify the width. And then
 10 they'll begin doing construction and tree clearing,
 11 so clearing that right of way as well. Sometimes
 12 they'll install construction matting if it is
 13 needed, and then they mobilize the equipment and
 14 deliver it and make sure it goes to the site.
 15 Foundation construction starts and they let those
 16 cure for a few days. Then they install the
 17 structures on the foundations and followed by
 18 stringing the wire and then restoration after that.
 19 And typically this happens -- it will be
 20 happening, all of these steps could be happening at
 21 different parts of the project. It is in one
 22 direction, but there would be more, so there could
 23 be parts that are at one stage in there a little,
 24 but in any one area is the process.
 25 And then just some key contact

Page 24

1 **MR. RICH DAVIS:** Okay. All right. Just
 2 a brief agenda rundown of what I'll be covering.
 3 Our role, our agency's role for
 4 environmental review, scoping for the environmental
 5 impact statement, recommending alternatives, how to
 6 comment, and then we'll get to the comments and
 7 questions and discussion part where we hear from you
 8 guys.
 9 First up, as Sam mentioned, the
 10 Department of Commerce does the environmental review
 11 for the Commission to help inform them of the
 12 proposed project, potential impacts, potential
 13 mitigation, that also helps in making informed
 14 decisions and so they can prepare the different
 15 routes and alternatives that are out there.
 16 When we do our analysis, it is an
 17 objective review and evaluation of potential human
 18 and environmental impacts. We identify strategies
 19 to avoid, minimize, and mitigate impacts. We are a
 20 neutral third party, we don't advocate for or
 21 against projects, we are just looking for factual
 22 information on them.
 23 As far as the document that will come out
 24 for our environmental review it is an environmental
 25 impact statement, or an EIS. And what you'll see in

Page 25

1 there, it basically describes a proposed project and
2 any alternatives. So that'll include routes that
3 the Applicant has put forward or any alternatives
4 that move forward through the scoping process.
5 We're studying potential human and
6 environmental impacts and, again, identifying ways
7 to avoid, minimize, and mitigate. We will also --
8 within the EIS we will specifically identify and
9 list out impacts that can't be avoided by the
10 selection of a certain route or certain alternative
11 so that the commissioners know that if they make a
12 certain selection, those impacts at the time,
13 there's nothing that we know of that we can do about
14 them so they're unavoidable.
15 Again, the document will not advocate for
16 or against the project. It's factual information
17 and an analysis that will be provided to the
18 commissioners to help inform their decision.
19 With respect to scoping. So what we're
20 looking for for comments tonight. The slide that's
21 up right now is kind of a list of questions that if
22 you're sitting there wondering what should I comment
23 on, what, you know, what's the most helpful or
24 useful comments that you receive. These provide
25 some direction and kind of help to narrow things

Page 27

1 mitigate potential impacts associated with the
2 proposed project? Again, there is a follow-up slide
3 to that that we'll go through for how to tailor a
4 route alternative that's most helpful to us so we
5 can get it in the scope to make sure we're looking
6 at the right area and analyze the right potential
7 impacts.
8 And then the last one there, are there
9 any unique characteristics of the proposed project
10 area that should be considered in the EIS?
11 Now, with that list of questions, back on
12 the table where you first came in there's a document
13 that's titled the Draft Scoping Decision. Towards
14 the back of that there is actually an outline or a
15 table of contents of the standard topics and
16 resource areas that we look at as we go through an
17 EIS. So you can use that to reference what areas
18 will be analyzed and what needs to be looked at.
19 And if you have any comments on how to expand on any
20 of those areas, or suggestions or additional ones,
21 that's what tonight and the rest of the comment
22 period is all about.
23 For route alternatives, for us to be able
24 to capture the route alternative that's being
25 suggested over a route segment alternative, we have

Page 26

1 down as to what is really useful for us.
2 We're trying to get local information
3 from the people that live in the area. I can look
4 at all kinds of maps and data that's available, but
5 if there are things that are of local significance
6 or things that are important on your own property
7 that we need to know about, we can't find that in
8 some places. So you guys are our best dataset, so
9 to speak, for getting that information.
10 And I'm going to read through the
11 questions that are out there.
12 The first one on the list, are there
13 other ways to meet the stated need for the project?
14 For example, a different size project or a different
15 type of facility? I do have a separate slide coming
16 up on system alternatives, that's what that question
17 is referring to, and I'll do that when we get to
18 that slide.
19 What potential human and environmental
20 impacts of the proposed project should be considered
21 in the EIS? Are there any methods to minimize,
22 mitigate, or avoid potential impacts of the proposed
23 project that should be considered in the EIS? Are
24 there any alternative routes or route segments that
25 should be considered in the EIS to address or

Page 28

1 to be able to describe it and see it so that we can
2 categorize and compare that to what's being
3 proposed. The best way for that, obviously, is with
4 a map. That's the most useful for us. And I'm
5 happy to work with anybody that may have
6 alternatives to help them get a map, get something
7 down on a map so that we can actually see it and
8 know where that alternative is. We can't just have
9 something that says go west of this area. That's
10 not very descriptive, it doesn't help us narrow
11 things down.
12 So on this slide there's some suggestions
13 on what we're looking at when we're deciding what
14 alternatives will go forward in the scoping process.
15 We need you to describe what the anticipated impact
16 is from the proposed project and so why do you want
17 to go somewhere else. Basically, is it going to
18 impact your home or your shed or a row of trees?
19 What I heard is that you are trying to minimize by
20 suggesting an alternative. And also discuss how the
21 alternative mitigates those impacts.
22 With that said, an example I always use,
23 it's not real helpful for us, is if you say, well,
24 it's close to my house and I don't want it there, so
25 put it over by their house, because it just shifts

Page 29

1 the impact and that doesn't actually remove an
2 impact, it just puts the impact on somebody else as
3 we're doing the analysis.
4 Suggestions of route alternatives or
5 route alternative segments. A route segment
6 alternative, sorry, must be submitted on time and
7 have to meet the need of the project and also has to
8 look at feasibility. So when those alternatives
9 come in on the right column there of the slide, our
10 staff, myself and my supervisor, more than likely,
11 will be going through those recommendations as to
12 which alternatives should move forward so that they
13 have enough detail. And that's why I encourage you
14 to, if you have an alternative in mind, to start
15 working with myself as soon as possible so that we
16 can develop a map for it and kind of make sure that
17 we have all the information we need to carry
18 forward.
19 Not all alternatives do get carried
20 forward. If we can't categorize the impacts, can't
21 visually put something in place to be able to see
22 it, it's difficult for us as those get carried
23 forward in the EIS. That's something to remember,
24 if one of those alternatives does get selected,
25 those route alternatives, or something gets selected

Page 31

1 meeting, that works. If you want to -- and I would
2 suggest people pick this up from that table back
3 there, this is a handout that allows you to fill in
4 your information, at the bottom there's open space
5 for you to put your comments in, and you fold it up
6 and put a stamp on it and you can mail it back to
7 me. If you want to write comments on it tonight
8 before you leave and hand it to me, that works as
9 well. The reason I suggest that people grab this is
10 because it has a lot. For some project information
11 that has pretty much all my contact information on
12 it, plus the questions that we had listed to help
13 kind of focus comments and questions that you might
14 have. And we have plenty of them, so don't worry
15 about it, it's fine.
16 And, additionally, you can comment on our
17 website, which is listed up there and listed on this
18 sheet that I just mentioned. That link on the sheet
19 will actually take you right to the project's main
20 page. At the top of that there's a Submit Comment
21 button and you can click on that, fill out that
22 form, and then hit submit and this is to notify me
23 that an email with a comment has come in. So it
24 comes directly to myself. Again, mail and email are
25 up there, my cards are back there. About every

Page 30

1 by the commissioners, there is a potential it could
2 get conveyed to Xcel as having eminent domain to use
3 that alternative because they may not have
4 permission at the time that that alternative is put
5 forward.
6 Back to the system alternatives a little.
7 With that first question that I mentioned regarding
8 a certificate of need, those alternatives, it's not
9 a change in the route or a suggested route
10 alternative as I was just explaining. It's actually
11 a different type of project that you would like us
12 to look at. If you have a recommendation for that,
13 for a different size of transmission line, a
14 different type of project, so if it's distributed
15 generation is one that we point out, that rather
16 than having a large transmission line that's
17 carrying power across that will be a different type
18 of project, it will be adding to the timing of the
19 project. In our EIS we will study a no-build
20 alternative, so we will look at the potential
21 impacts of not constructing the project.
22 And the main part tonight is pretty much
23 how to comment. For myself, I want to make sure
24 that I get everything we can from folks. So if you
25 want to make a verbal comment tonight at the

Page 32

1 handout that I think we have from Commerce has my
2 contact information and Logan's information on it as
3 well. And, again, the comment period ends
4 August 1st.
5 I'm not going to make you sit through
6 another reading of these. These are the questions
7 again. We'll put them back up when folks are coming
8 up to comment if they want some direction on things.
9 Just some etiquette points for everybody
10 again. Janet is up here helping us out. One
11 speaker at the time. And stay respectful. When
12 you're giving comments, when you come up to the mic,
13 please state and spell your name for Janet so that
14 she can get it into the record.
15 I don't know that we'll have an issue
16 tonight, but we'll limit people roughly to five
17 minutes, and we can go back around if we need to.
18 And try to direct your comments and questions
19 towards the scope of the EIS or route alternatives.
20 Route alternatives are a little easier to discuss
21 one-on-one, but feel free to comment. You can
22 comment on anything you'd like, but those questions
23 should help us out quite a bit.
24 And this slide, there's a lot on this
25 slide. It gives you -- when the comment period ends

Page 33

1 it gives you how to find your online comment, submit
 2 a comment page. My email, my contact information,
 3 Xcel's, so Ellen's contact information, Cezar's
 4 contact info from the Commission staff. Questions
 5 on how to find the project on eDockets and to look
 6 at the full record and also how to subscribe to get
 7 an email notification.
 8 So if nothing else, when you're walking
 9 out, if you don't already have one, grab the packet
 10 of slides, that slide has a ton of information if
 11 you want to find a contact and know who to get ahold
 12 of.
 13 With that, we will start doing comments.
 14 Yeah, go ahead.
 15 **MR. SAM LOBBY:** One note that I forgot to
 16 mention before, but just so you folks are aware.
 17 Sometimes I get the question, are comments that are
 18 made in person weighted more heavily than written
 19 comments, and the answer is that they're treated
 20 exactly the same. So if you don't like to come up
 21 and speak in front of a crowd, you don't have to
 22 feel pressure to do that, because the comments will
 23 be weighted the same. Thank you.
 24 **MR. RICH DAVIS:** All right.
 25 **MS. SUE BENYSH:** I've got another quick

Page 35

1 for over 75 years.
 2 Currently, there's not another
 3 archery-only club within 100 miles of us. So we
 4 have members from Lake City, we have a few from
 5 Wisconsin and Iowa, and when we have the events each
 6 month during the summer, which we utilize the whole
 7 land for, you know, we have people coming from all
 8 over, including people coming up to camp at our
 9 property or nearby for the whole weekend.
 10 So we're located on 75th Street right off
 11 the highway. We're along the south arm of Lake
 12 Zumbro. And the original seller who sold us that
 13 land, that 43 acres, they wanted it to be kept
 14 natural. They had a developer come in and offer
 15 twice the amount of money to be able to develop
 16 that, put up houses. And the owner said no, I want
 17 to keep it natural as best we can. And we try to
 18 honor that heritage.
 19 We partner with the DNR, we've had
 20 Forestry come in, we are very good with our land
 21 management, always addressing any issues. I would
 22 say a good 20 members are retired members, and
 23 that's what they love to do is come out and work the
 24 land.
 25 I have two members here that I swear

Page 34

1 question.
 2 Is it better to have more people making
 3 comments, all the same comments, or just something,
 4 you know, one person representative from an area?
 5 **MR. RICH DAVIS:** I mean, I'm not going to
 6 limit you and say people can't comment. Even if
 7 they're identical comments, that's fine. If I do
 8 get them from one person, it's not going to, you
 9 know, I don't vote, I don't keep track of how many
 10 times I get one because that's not necessary.
 11 **MS. SUE BENYSH:** Okay. All right. Can I
 12 go ahead then?
 13 **MR. RICH DAVIS:** Yeah.
 14 **MS. SUE BENYSH:** I'm going to give you a
 15 map of where we're at so you'll understand what I'm
 16 talking about.
 17 So, hi. I'm Susan Benysh, B-E-N-Y-S-H.
 18 I'm treasurer for the Rochester Archery
 19 Club in Rochester along 75th Street. And we
 20 serve -- just to give you a little background, there
 21 are hundreds of archers a year in and around
 22 Rochester. We are a nonprofit group. We have -- we
 23 host at lot of children's activities, including 4H,
 24 taking Bear Cubs out there, and we've been a club on
 25 that property for 30 years now and we've been a club

Page 36

1 they're there every single day doing something,
 2 picking up chain saws, making sure the roads are
 3 safe, et cetera. So we care for everything on that
 4 land, and we're trying to do good land management
 5 with it. And we've been approached before to sell
 6 it and we will not as long as we can.
 7 And the reason why is multitude. Further
 8 up on 75th Street, for a lot of reasons, I believe
 9 it's the green route on your maps, and we prefer
 10 that for a lot of reasons. There's a lot of
 11 environmental impacts that will be affected if you
 12 went along the northern edge of our property.
 13 There's at least three or four eagles
 14 nests on the Zumbro River. Every time I go out
 15 there I see bald eagles coming over onto our
 16 property. We have deer. It's a major bedding site
 17 for deer. If you don't see at least five fawns out
 18 there every day when you go out there today, you
 19 know, you're just not looking. But we have a lot of
 20 deer, coyote, turkey. It's a haven for flora and
 21 fauna.
 22 And we don't have no fence. We don't
 23 have electricity either. We just have a pavilion
 24 and storage containers and that's how we try to,
 25 like, keep it.

1 And you wouldn't believe the comments we
 2 get from people during our shoots. Most beautiful
 3 piece of land, it's all natural, we don't see
 4 anybody, we don't hear anybody, and it's here on the
 5 edge of Rochester.
 6 Another environmental impact that would
 7 affect the project, potentially, is where you're
 8 proposing that line, we have a huge floodplain down
 9 there. With this past rain that has occurred, we
 10 have not been able to use that bottom quarter of
 11 that property for four weeks and it's still drying
 12 out. And it's just something that happens. There's
 13 also, when you look at that, there's a huge ravine
 14 there. We have a hard time traversing that. And
 15 that's not unthinkable, I think we could build a
 16 pond there.
 17 The human impact that will be in there is
 18 we have hundreds of persons coming through a year.
 19 Just in May we had at least 30 kids that came
 20 through. We have 4H that they're hosting their
 21 archery on our site. The flooding sort of messed
 22 that up. But every year we have at least 100 kids
 23 coming there for that.
 24 Our membership for children under the age
 25 of 18, if they are with a family, they are free. If

1 safest way to impact that Parks and Rec hunt.
 2 That's been going on for two years. We are planning
 3 it again in 2024 and so we partner with them. We
 4 work with the DNR and work with Forestry to make
 5 things as best as we can to keep that natural.
 6 So making sure I address any other
 7 questions that might come up. Please don't go down
 8 75th Street due to those reasons, and thank you for
 9 this.
 10 **MR. RICH DAVIS:** Thank you.
 11 **MS. SUE BENYSH:** Thank you.
 12 **MR. RICH DAVIS:** All right. I have on
 13 the list here -- I have -- I'm sorry, I think it's
 14 Jeremy Laures.
 15 **MR. JEREMY LAURES:** Well, my name is
 16 Laures, L-A-U-R-E-S. Close. It's my writing, you
 17 didn't mess it up.
 18 **MR. RICH DAVIS:** It is.
 19 **MR. JEREMY LAURES:** I don't envy your
 20 job. And I take this as really kind of a disservice
 21 to our constituents and the public.
 22 I worked, as background, in maintenance
 23 for many years. Part of our deal was if you had a
 24 project that we used it and made sure it served the
 25 public for years in the future.

1 they are 16 and want to have their own membership,
 2 it's only \$10. So we encourage children to come to
 3 learn safety and be respectful, to learn this
 4 outdoors.
 5 All right. Each month we do have a
 6 public event and we have people from all over the
 7 country coming in -- all right, the Midwest, I'll
 8 put it that way. We don't have any probably from
 9 California.
 10 Another concern we have is if you were to
 11 do that route, we would have to take down our fence.
 12 We currently we have a fence around our property for
 13 safety reasons and insurance reasons. It's an
 14 archery club, there are arrows going. We try to be
 15 good, we try to be safe, we try to shoot at the
 16 target, but things happen. Nobody has been hurt on
 17 our property, but then we put signs up, we keep the
 18 fencing to make sure that nonmembers aren't entering
 19 our property from a not proper direction, okay.
 20 So basically we work with a lot of groups
 21 to make sure that we are the archery experts in
 22 town. We have partnered with the city, the
 23 Rochester Parks and Rec City hunt. They borrow our
 24 facility for the proficiency test. And many of our
 25 members are called to be experts on what is the

1 And in one of your statements, are there
 2 any ways to meet the stated need for the project.
 3 For example, a different size project or a different
 4 facility. It started when they permitted the first
 5 line. I don't know when that was completed, four
 6 years ago maybe? Correct me if I'm wrong anyone.
 7 **MS. ELLEN HEINE:** Is it the CapX 2020 one
 8 that you're talking about?
 9 **MR. JEREMY LAURES:** Yes. Is the reason
 10 we're rerouting the 161 line now?
 11 **MS. ELLEN HEINE:** Yes. That was about
 12 ten years ago, yep.
 13 **MR. JEREMY LAURES:** All right. I'll give
 14 you ten years, and that probably was when they
 15 started it.
 16 But at that time did we know that the 161
 17 line had to be rerouted at some time in the future?
 18 And was there any plan for it at that particular
 19 time that would save all of this with all of our
 20 public. That's one of my comments.
 21 And the other comment is, and I don't
 22 know why, if we can't use that original right of way
 23 that has already been secured and used, I've heard a
 24 couple things come back and none of them had to --
 25 it hit home with me, other than maybe cost was one.

1 But there was really no number attached to it.
2 And what is the cost to build all the
3 extra miles? Is that weighted against that cost?
4 And I'm not one of these persons that say I don't
5 want it in my backyard, but I do live on 75th Street
6 and the power line is right in front of my house,
7 but I don't understand why it has to go on the south
8 side of the road. The north side of the road
9 unfortunately goes by the archery club, but that's
10 why I'm saying, with all of our neighbors picking
11 against each other and trying to do that nicely, but
12 still it has to go somewhere and everyone
13 understands that.

14 So I would suggest that it go on the
15 north side of 75th Street at a minimum if it has to
16 come down that way. I still think the original
17 route is where it needs to be.

18 Thank you.

19 **MR. RICH DAVIS:** Thank you.
20 Matt Kuehl.

21 **MR. MATT KUEHL:** Kuehl.

22 **MR. RICH DAVIS:** I was trying.

23 **MR. MATT KUEHL:** I am going to show you
24 where I am, also segment four right here down in the
25 corner.

1 because everything they treed out is figured as a
2 building site. You run a high line across these
3 areas you not only destroy the nature, you also
4 destroy the building site. So that's what that is
5 there.

6 I did have a question on the 1,000 foot
7 that is proposed. This study, is the 1,000 foot
8 area, is that strictly for your study area, or what
9 is this proposed 1,000 foot area? Everything else
10 said 150 for the 375 or whatever, 100 on the 161,
11 and then all of a sudden the last paperwork that
12 came out and said 1,000 foot. What is the 1,000
13 foot?

14 **MS. ELLEN HEINE:** So the 1,000 foot
15 that's described is the route width for the PUC
16 permit. So it's kind of the study area for
17 environmental review. The right of way would be --
18 and for the 161 kV line, that right of way would be
19 80 to 100 feet. But the way that the route
20 permitting process works is you'd identify a route
21 width and within that right of way it has to fit.
22 So there's some room, and probably those guys can
23 describe it, too. But there's some room within that
24 route width when we start working with landowners to
25 make adjustments within that route width to refine

1 **COURT REPORTER:** Can you please spell
2 your name?

3 **MR. MATT KUEHL:** Matt Kuehl, K-U-E-H-L.
4 I have a couple questions.

5 Is the RPU president here today or any
6 membership from RPU?

7 **UNIDENTIFIED:** Yes.

8 **MR. MATT KUEHL:** Okay. All right. We'll
9 go back to that in a little while.

10 Is anybody from the tax assessor office
11 here? We'll go back to that sometime, too.

12 At the time right now your planned route
13 is to cross the creek across one of my farms and
14 also two of the farms I own with my brother. I
15 think about where the location that you're going
16 actually goes directly through a wildlife area
17 that's down at the bottom. I've been up in the area
18 probably 25 years now and I've tried to teach my
19 family and try to express my feelings about the
20 nature and the way people do it, the commodity
21 prices go down and everybody cuts the trees down.

22 The tax assessor in this area is Olmsted
23 County. With Olmsted County, they actually treat,
24 the City of Rochester, for our tax base, treats
25 areas like this as more valuable than ag land

1 the route and things like that. If it stays within
2 that permitted route width, then after a market
3 comparison staff can approve those changes.
4 Typically, if it went outside of that route width,
5 then we would need to go back to the PUC, to the
6 Commission and get an approval for that change. The
7 right of way itself is inside.

8 **MR. MATT KUEHL:** The routes are at least
9 a year out so landowners that are in this area right
10 now have got a 1,000 foot strip that runs through
11 their property for the next what, year and a half,
12 when we know it's going to be down to a minimum of
13 150. I just find it odd that there is up to a
14 1,000-foot area and we can't pick it and we have AI
15 to make our precedent and we can't narrow this thing
16 down to a little bit closer than 1,000 foot. So
17 we're sitting with a 1,000-foot strip across our
18 property, but we don't know what we're doing or
19 where it's going? Is that the way I understand it?

20 **MR. RICH DAVIS:** Well, part of it is when
21 we're doing our environmental impact statement,
22 we'll look at that entire width so that we can
23 identify -- it allows some flexibility when we're
24 looking at the final route that will come out. You
25 know, if there's certain resources that are more

1 prevalent than the southern part of that 1,000 foot
2 area, we can make a note of that and provide that to
3 the commissioners so that they know, okay, maybe it
4 needs to slide to the north side of that or
5 something like that.

6 **MR. MATT KUEHL:** So, in other words, we
7 are sitting, waiting to find out within that 1,000
8 foot where that line may possibly go, unfortunately.

9 **MR. RICH DAVIS:** Unfortunately.

10 **MR. MATT KUEHL:** The big thing I wanted
11 to say, and the last gal that spoke, and as I said
12 earlier, this is a necessity of need, which I
13 understand. Nobody wants the project on their
14 property, which I understand. I'm not trying to be
15 a bad neighbor and push it onto one of my other area
16 neighbors. Unfortunately, I just find the area that
17 you're going through -- I can only speak for my
18 parcel and my brother's parcel. The parcel that
19 you're trying to get through is basically going to
20 dissect and gut the area that has the most natural
21 preserve on it with no ramifications from the tax
22 assessor at all.

23 I think that's all I have to say. I
24 appreciate it.

25 **MS. ELLEN HEINE:** I will just note to

1 create ditches for water to run, things like that?
2 The complaint I had when you did the CapX
3 2020, we had a fence line and trees growing up in
4 there, and when they finished up they used a CAT and
5 leveled everything off. And we were pulling up
6 branches and limbs and everything else and we were
7 trying to convert that land back to what it was, you
8 know. With just pulling up the study, we had to
9 line it up ourselves. There was no use trying to
10 get you guys out there to do it. The neighbors,
11 they all had junk piles on their property.

12 So I was just curious, and this is a
13 warning to other people. And then we got some
14 property alignments and demarcations that were
15 destroyed and they came through and never relocated
16 them. And then they did replace the fence, but they
17 went ten feet off the property when having to put it
18 back up.

19 **MR. RICH DAVIS:** Thank you for those
20 comments.

21 We can address some of that with the
22 state permit side of things. I don't know if,
23 Ellen, do you want to talk about the construction
24 questions he had for timing and things like that?

25 **MS. ELLEN HEINE:** I don't really remember

1 that point, we have identified an alignment. So the
2 route width does get included in the study, but
3 there is an alignment shown on the maps to try to
4 help focus that. So it's not that we would just go
5 anywhere with it.

6 **MR. RICH DAVIS:** Curtis Kuecker.

7 **MR. CURTIS KUECKER:** Curtis with a C,
8 K-U-E-C-K-E-R.

9 I'm in segment three, Farmington
10 Township, section seven. And I have a CapX 2020
11 line on my property right now and they're going to
12 do the conversion.

13 My question is I have standing crops on
14 there. Is there going to be compensation if you
15 come in and destroy crops? Will the conversion be
16 done in the wintertime? If so, then you avoid soil
17 compaction.

18 And the next question is if you are doing
19 it in the summertime, how are you going to address
20 the compaction staging in that 75-foot area, or 150
21 on both sides of the fence, whatever. And if
22 you're -- are you going to access the poles through
23 the easement or are you going to come across
24 property to get to there? And if you're going up
25 waterways, will you lay pads down so they don't

1 all of them. If we damage something, this is a
2 large project, so we can't guarantee certain times
3 of the year in certain areas. Damages to crops, we
4 compensate landowners for those, so that would be
5 the case. Obviously, if there's opportunities to
6 avoid those, and time, we try to do that.

7 We do have all of our construction mats
8 that we use in the area so they install these mat
9 roads to work from so they don't sandwich. But in
10 general, there's damages to tiling sometimes during
11 construction and if the crews don't catch it or
12 something like that, like, we'll have the land agent
13 contacts for everybody that you'll be able to
14 contact and submit claims and have somebody out
15 there and make those changes. So typically when
16 tiles get damaged during construction, our practice
17 is to reimburse landowners. We use their normal
18 tile contractors, the farmers have wanted to use
19 their own tile installer, and we pay for that.

20 I think that was all the things. Let me
21 know if I missed anything. But, yeah, if there are
22 any kind of damages, we are responsible for those
23 and do the restoration afterwards.

24 **MR. CURTIS KUECKER:** I imagine you come
25 in with a crane to redo the wires?

1 **MS. ELLEN HEINE:** Depending what part of
2 that segment you're on. I should ask that. There's
3 a middle section where we need to put on the
4 insulators and the connectors because there's only
5 one circuit on one side of that line. If the 230s
6 are already there, we don't even need to go there.

7 **MR. CURTIS KUECKER:** Okay.

8 **MR. RICH DAVIS:** All right. That is all
9 the people that had signed up to speak at that table
10 when you first came in, but I want to open it up to
11 anybody else who would like to speak and could raise
12 their hand.

13 Carol.

14 **MS. CAROL OVERLAND:** Carol Overland,
15 O-V-E-R-L-A-N-D.

16 We're here in Pine Island and awhile back
17 the Prairie Island Indian Community was looking at
18 buying a piece of Elk Run. I don't know if that
19 happened, it's worth checking out.

20 Also, I mean, because it looks like I
21 can't tell from the map, but it looks like it may be
22 proposed for going through Elk Run. And if that's
23 the case, it's a problem with chronic wasting, where
24 what they did was take bulldozers and skim off the
25 surface dirt, which has the prions in it,

1 impacts of all these four lines should likely have
2 an impact on need.
3 Also, page 62 of the application
4 specifically talks about this going through
5 Minnesota. It's not serving Minnesota, it's going
6 through. That's very clear. So what does it do for
7 Minnesota? What does it do for Minnesota
8 ratepayers? The benefits -- first, the detriments
9 to landowners and ratepayers, that's a socioeconomic
10 impact that should be addressed. And how will the
11 costs be apportioned to those benefiting from this
12 line? That's something also that the PUC would
13 consider in the certificate of need.

14 MISO and Xcel claim that there are
15 benefits to be made from all of these projects.
16 Well, those billions should be going into the cost
17 of the line and we shouldn't have to pay for it.

18 Page 63, there's a map there, and the
19 legend covers up the Iowa parts of the MPV projects
20 3 and 4. And those would have an impact on
21 congestion. I mean, apparently that's why they were
22 built. And that should be addressed.

23 And power tends to run from the northwest
24 to the southeast and so you would think in southern
25 Minnesota the northern Iowa lines would be used and

1 supposedly, put it in a big old pile, and prions
2 don't disappear. So if you're digging around in Elk
3 Run, that's an environmental hazard that you should
4 address. Because chronic wasting disease prions
5 don't disappear. If you are disturbing the soil,
6 you're spreading it around.

7 The same goes from the CapX Brookings
8 line where there were anthrax fields and those had
9 to be tracked so that they wouldn't be dug up. You
10 can't be digging up anthrax, that's a bad idea.

11 There are multiple landowners in this and
12 other hearings, we heard it over and over today,
13 yesterday, who have had to deal with CapX or have
14 had to deal with the threat of a transmission line.
15 And that distinction with impacts should be
16 addressed, cumulative impacts, like, yet another
17 one, do we have to go through this again? You know,
18 that's not fair to people and that harms people and
19 that should be addressed.

20 Let's see. The need analysis in Xcel's
21 application doesn't appear to include all the other
22 projects. There are the other four projects,
23 including this one, in southern Minnesota, and it
24 probably did not include the Minnesota Con line and
25 it should be considering the need. The cumulative

1 are they? The EIS should disclose that.

2 Oh, also, in the Xcel presentation,
3 segment one, it has connectors that are not in the
4 handout that we got. There's all these -- let's
5 see. Section one, I believe. I might be wrong.

6 **MS. ELLEN HEINE:** They're in there.

7 **MS. CAROL OVERLAND:** I'm sorry, my error.
8 Note for the record, my error. Take it down.

9 I think that's it for now.

10 Oh, oh, oh, oh. One thing, we did run
11 into this at CapX. Property lines and field lines
12 are not corridors. Let's be really clear on that in
13 the environmental impact statement. Because that
14 was a problem in CapX. A corridor is like a road or
15 another transmission line. And I think it's Peter,
16 but I'm not sure which case it is, but property
17 lines and field lines are not corridors suitable for
18 routing transmission.

19 Thank you.

20 **MR. RICH DAVIS:** Do you want to comment?

21 Thank you, Carol.

22 **MS. VIRGINIA ADLER SHASSLER:** Hello. My
23 name is Virginia Adler, A-D-L-E-R, space, Shassler,
24 S-H-A-S-S-L-E-R.

25 So one of the concerns I have is that, as

Page 53

1 Matt mentioned, we are in section four, he's our
2 neighbor, and the line goes right straight through
3 our property that's being proposed.
4 And my concern is this, and I had made
5 the statement before on the project page, but the
6 natural habitat for animals is diminishing. We have
7 so much wildlife out there, deer, turkey, owls, bald
8 eagles, badgers, fox, coyotes, quail, weasels, and
9 we saw a muskrat the other day.
10 So my concern environmentally is that
11 you're going to take away that habitat and destroy
12 it by putting the proposed route going through the
13 areas that have lots of trees and lots of places for
14 these animals to be.
15 The other piece is, the human part of it,
16 is that you have to bring in all this equipment, and
17 it's bluff country that you are going through. It's
18 not like a flat land, let's go through, it's real
19 easy. So you have people that are running heavy
20 equipment that are at risk as well as the terrain,
21 all the water runoff from the rain and all that
22 stuff going towards our waterways, as well as, you
23 know, lots of destruction. It has to be a safety
24 concern for anybody working under those conditions,
25 so that would be my biggest thing with that.

Page 55

1 We already have big power poles like
2 other people do, too. The stray voltage from those
3 power lines is a concern. I've parked under them
4 and personally know I went and I got zapped and it's
5 not a fun thing. You have machinery under there for
6 the ag land and it's a concern. You don't want to
7 forget, you gotta remember not to park under it.
8 There is a food shortage in the United
9 States and food labs in California are creating new
10 ways of getting stuff out of the ocean, creating
11 different kinds of foods to support humans on the
12 earth. So it's kinda time to think about what can
13 we do to be smarter with the addition of sprawl, so
14 to speak, from urbanization? Why is it we have to
15 have so many lights every single time. Look at the
16 roundabouts that gets put in. There's ten lights.
17 Why? Why do I need all these lights and why are
18 they not sourced by solar energy?
19 I would like to see the companies
20 challenge themselves of how to produce energy and do
21 it at an economical cost and environmentally
22 friendly. We don't need all these criss-cross
23 tracks of lines and whatnot. Let's be smarter. I
24 think we can do better.
25 So my concern is basically the loss of

Page 54

1 I got a few things here.
2 There are several people that also use
3 75th Street to bike. They're challenged because of
4 the mountainous terrain. If you go down through
5 there, it is just one big steep hill there that they
6 are challenged to go up. And they like to do it
7 during the season changes because there's so much to
8 see. Taking that away is really quite sad.
9 I would like to see the private companies
10 with these utilities challenge themselves to be
11 forward thinkers, to look at different ways to plan
12 ahead. CapX, now we're talking new transmission
13 lines again. Why? Why can't we use bigger poles
14 and do the same transmission on the same route
15 versus upsetting everybody else? And nobody wants
16 this power line in their backyard. So how about we
17 look at some of the things that are out there.
18 I know somebody just mentioned about Elk
19 Run or whatnot, but Highway 52, it's a corridor,
20 it's a main transit area. It's pretty much level on
21 both sides of that highway. There is nothing really
22 great to look at when you're on that highway. So it
23 might be a better alternative for people, for
24 animals, because they can't cross anyway, otherwise
25 they get hit, but just an alternative to look at.

Page 56

1 the animals and the terrain. And, you know, like
2 Matt said, too, it's a tax base, because even if we
3 get through and you pay for a fair market value,
4 that doesn't change our assessments on our property
5 tax.
6 And I think that's all I had now. If you
7 guys think of anything else, you can add.
8 Okay. Thanks.
9 **MR. RICH DAVIS:** Thank you.
10 **MR. RYLAND EICHHORST:** Hi. My name is
11 Ryland Eichhorst, R-Y-L-A-N-D, E-I-C-H-H-O-R-S-T.
12 I'm from Oronoco.
13 I'm speaking in regards to the route four
14 east. It's a 20-mile stretch from Pine Island down
15 to the south side of Oronoco, two miles of that goes
16 through the city limits of Oronoco. Within that two
17 miles, there is 4,000 plus feet of it passing
18 through a proposed Lake Shady lake bed that is all
19 part of the Oronoco city park. It's a 93-acre park
20 site that we'd like to develop.
21 In September of 2010, we had a flood, and
22 I'm sure everybody remembers that, and driving down
23 52 we realized that it's a big, open view, that lake
24 bed, and we'd like to propose a lake bed, we have a
25 master plan.

1 So I've submitted several comments and
2 master plans to the energy resource meeting that we
3 had here back in June, but I'd like to see regarding
4 the human and environmental impact of it. From the
5 standpoint of Highway 52 bisects the city of Oronoco
6 and has for many years. So we have east and west
7 side. The power line being proposed should continue
8 to have separation of the city.

9 The park itself is planned to unite the
10 city with a path underneath all three bridges of the
11 Lake Shady road and to the Highway 52 lines. We
12 want to put those gazebo walking trails, bridges,
13 across the two rivers, or the one river you can see
14 on the east side. So there's a lot of investment
15 and we'd like to plan for that.

16 There is a number of poles, looking at
17 it, it appears there could be 8 to 13 poles within
18 that 4,000 feet of Lake Shady lake bed that would
19 interrupt the view of the people that want to enjoy
20 the park, not only in the park, but on the west side
21 and east side as well.

22 So speaking to a neighbor, that four west
23 A was recently promoted. We think that is a viable
24 and a very, I want to say, inexpensive, but it's
25 more use of the land because of the east end follows

1 it's present, you know, along those lines.

2 **MR. TONY KNAUER:** I do know the city and
3 county have land use plans that project out maybe 25
4 years or something.

5 Anyway, so an area that has more
6 population, would that be considered, I guess, less
7 for an alternative versus one that is sparsely
8 populated? Is that a given or --

9 **MR. RICH DAVIS:** That's not an automatic.
10 That's something that the commissioners will have to
11 weigh. We'll point that out to them and obviously
12 provide them that information, that this, you know,
13 one route or one alternative may have more densely
14 populated areas and maybe more sparsely populated
15 agricultural land, those kinds of things. We
16 identify those things for them, but ultimately the
17 decision is not ours to make, that's up to the
18 commissioners when they're looking at the EIS.

19 **MR. TONY KNAUER:** Okay. And at the end
20 of the EIS process, does the document include a
21 recommended route?

22 **MR. RICH DAVIS:** We do sometimes, but we
23 try to, you know, it's tough, we don't try to weight
24 one thing against another if we can help it. We
25 don't necessarily want to influence the

1 that currently right now.

2 So, in closing, I guess I want to
3 emphasize that the human and environmental impact of
4 moving the proposed high line to alternative four
5 west A will benefit the city of Oronoco residents.

6 Thank you.

7 **MR. RICH DAVIS:** Thank you for that.

8 There are two of you. I'll go with the
9 front one here.

10 **MR. TONY KNAUER:** Tony Knauer,
11 K-N-A-U-E-R. I live on Seventh Street Northwest.

12 And mostly I just had some questions. I
13 noticed in the process here, your slides up there,
14 you talked about minimizing human impacts. So
15 that's the EIS, the scoping, will it look at
16 existing land uses, population density, and probable
17 development along that proposed alternate? Will
18 that be weighted in?

19 **MR. RICH DAVIS:** We do look at
20 population, future development. We will analyze
21 that. But we are limited on what we can find out
22 about that because if it hasn't been proposed or
23 isn't available, if we're doing searches online and
24 we're talking to folks, the only way we would learn
25 about it would be through comments submitted where

1 commissioners unless there's something that makes
2 one route or one alternative not constructible. I
3 mean, if there's a reason of restricted land use or
4 a reason for that that they may not be able to get a
5 permit from another agency, something like that,
6 that would we put out to them.

7 **MR. TONY KNAUER:** So the PUC makes the
8 final?

9 **MR. RICH DAVIS:** Yes.

10 **MR. SAM LOBBY:** One note on that. I
11 mentioned that tonight's meeting is about getting
12 your comments to shape the study. And then in, I
13 think it was March of 2025, then we come back and
14 show you that, and then we get a chance to have you
15 respond to what was studied.

16 At that meeting there will be an
17 administrative law judge, so that will be overseen
18 officially by a judge and the judge will create a
19 report that will have findings of fact, conclusions
20 of law, and their recommendation. So they're
21 looking at everything that's in the record, all the
22 comments, everything that's been submitted.

23 And they try to find out legally what,
24 you know, based on what is in the record, what
25 legally would be the recommendation. So from that

1 perspective, there's is a judge that is separate
 2 from the Public Utilities Commission, separate from
 3 the DOC, but they will make some sort of
 4 recommendation based on what's in the record. So
 5 your comments and letting us know what you think
 6 about it and the detail and things, that could help
 7 the judge when they're making their recommendation.
 8 **MR. TONY KNAUER:** Sure. So that leads to
 9 my next question. So in the scope do they look at
 10 land use and future land use?
 11 **MR. SAM LOBBY:** So in the EIS will be one
 12 of many things.
 13 **MR. TONY KNAUER:** And another question
 14 is, so Xcel and these other power companies, they
 15 will have the power of eminent domain to get these
 16 easements via I suppose the state; is that correct?
 17 **MR. RICH DAVIS:** That's not an automatic
 18 given. And I can tell you that Commerce rarely
 19 weighs in on eminent domain. It's actually a
 20 separate process after the routes are selected or
 21 the route permit is issued by the commissioners.
 22 But that is -- there is the potential that that
 23 could happen.
 24 And when I made that comment in my slide,
 25 that if a different alternative is selected or

1 got those giant steel poles, is that a possibility?
 2 **MS. ELLEN HEINE:** I am not exactly sure.
 3 **MR. TONY KNAUER:** Well, my point is, you
 4 already have these super poles in place along that
 5 road, is there a potential that that will be
 6 expanded or --
 7 **MS. ELLEN HEINE:** Is this part of the
 8 CapX line you're talking about?
 9 **MR. TONY KNAUER:** Yes.
 10 **MS. ELLEN HEINE:** It wouldn't widen the
 11 right of way that's there, that second circuit is on
 12 the other side of those structures.
 13 **MR. TONY KNAUER:** I understand your
 14 answer. So this project that you're proposing
 15 tonight, is that a potential that that could be
 16 added to that line that's already been built?
 17 **MS. ELLEN HEINE:** At some date in the
 18 future, I can't speak to that. What we're proposing
 19 is to put, on that CapX portion, we're just
 20 proposing to use those existing structures.
 21 **MR. TONY KNAUER:** Okay. I'm still not
 22 following.
 23 **MS. ELLEN HEINE:** I will be happy to
 24 check in with you and look at this after this.
 25 **MR. TONY KNAUER:** I think that kind of

1 suggested than what Xcel has proposed, eminent
 2 domain usually comes down to if there's a route or a
 3 route alternative or a segment that's approved in
 4 the route permit, but they don't have control of it
 5 or they, you know, they haven't discussed it with
 6 the landowner, so they're forced, if they're forced
 7 to pick an alternative that they don't have that on,
 8 that's where eminent domain would come in.
 9 **MR. TONY KNAUER:** Okay. It may be in the
 10 documents, but I'm just curious about what the cost
 11 of this whole project is.
 12 **MR. RICH DAVIS:** That would be a question
 13 for Xcel.
 14 **MR. TONY KNAUER:** The cost of the
 15 project.
 16 **MS. ELLEN HEINE:** Apologies. I do not
 17 have -- the estimated project cost is between 524.7
 18 million and 577.2 million at this time.
 19 **MR. TONY KNAUER:** That's million, not
 20 billion?
 21 **MS. ELLEN HEINE:** Yeah.
 22 **MR. TONY KNAUER:** Okay. And I guess
 23 tonight, a little bit, too, but will the one you
 24 just put in ten years ago I guess now, is that going
 25 to be considered as an alternate? I mean, you've

1 covers it.
 2 Your idea is to kind of get over to
 3 Wisconsin, right? The end run?
 4 **MS. ELLEN HEINE:** It does connect over
 5 there, yes. Yep.
 6 **MR. TONY KNAUER:** And have they looked
 7 at, somebody mentioned interstates, and I don't know
 8 if you're going as far south as I-90, is that an
 9 alternative?
 10 **MS. ELLEN HEINE:** I think that was
 11 studied as an alternative during the CapX days. It
 12 was not included as a route alternative as part of
 13 this process because at the time the CapX project
 14 was permitted and it was anticipated that at some
 15 point they would use those existing trackers.
 16 **MR. TONY KNAUER:** Okay. Thank you.
 17 **MR. RICH DAVIS:** Thank you.
 18 **MR. STEPHEN HACKMAN:** Hello. My name is
 19 Stephen Hackman, S-T-E-P-H-E-N, H-A-C-K-M-A-N. My
 20 first comment this evening is based on the mailers
 21 that I did receive -- I live in Mazeppa Township, by
 22 the way.
 23 The mailings I received, in the key they
 24 show existing transmission lines, and a lot of these
 25 are not transmission. We need to be -- we need to

1 identify what is transmission. Some of these I
2 know, because I live in Mazeppa, are 69 kV lines.
3 My understanding is transmission I believe is at the
4 110 level. It may have changed. But we need to be
5 clear on that because people look at this and you
6 start drawing lines and you try to follow
7 transmission, it may or may not be transmission.
8 First point.

9 Second point, my intent this evening is
10 not to suggest this particular proposal over
11 another. I'm not here to advocate for or against
12 any route at this time. However, I would like to
13 propose that the Utilities, Commerce, and the PUC
14 consider, at the point at which the existing 345 and
15 the existing Chester circuit separate, at or near
16 that point, if we were to consider installing a
17 substation, step-down via kilovolt amps to the 161
18 and put it right on the existing 161 structure that
19 feeds north to south to the Chester sub.

20 My understanding, and, again, because I'm
21 not here necessarily to advocate for or against any
22 particular route, my understanding based on the open
23 house meetings that we had in Zumbrota, they had one
24 where that was possibly considered at some level.
25 And my understanding or the information that I

1 right at that substation.

2 And just based on my own personal
3 observations, a lot of them are still H-frame, wood
4 H-frame. So at some point we are going to, or you
5 or all of us, we're all ratepayers, we're going to
6 have to replace that or upgrade it. This may be the
7 time to upgrade the H-frame structures, particularly
8 the wood ones, and put in the monopole dual circuit,
9 upsize it immediately, as we did, which, by the way,
10 part of the rationale of the PUC selecting the route
11 they did was that it did have a buildout option at a
12 point at or near, to use the lawyer language, the
13 Chester breakout or the Chester Junction.

14 So, again, it's kind of the rationale
15 that goes back to my first proposal, but I'm
16 suggesting we do that at the end, and we have that
17 option in the future. If we need more power we're
18 in the same situation, we have the upsized
19 conductors available. We're bringing the North
20 Rochester, I guess it was ten years ago, we're
21 bringing -- we're utilizing that circuit to some
22 extent and we're utilizing Prairie Island/Byron, and
23 at Byron we can go straight east following a
24 railroad track, Highway 14, and there's multiple
25 substations on the way.

1 received was there was loading issues. If we tapped
2 into the 345 we would have loading issues under
3 certain conditions. However, it would be my
4 position that if we, as Commerce suggested, that you
5 are going to study a no-build option. So if no
6 build is worth studying, we should also study a
7 step-down, a buildout at that point, even though
8 there may or may not be some loading concern
9 scenarios. That's the first point.

10 And the reason why -- during CapX, I was
11 involved in the CapX, my land was placed under a
12 line on a map that was a suggestion and I would not
13 want to stand here and do that to anybody.
14 Therefore, if we would consider the primary
15 motivation of that option is we do not have to add
16 any additional routes, we've achieved what we're
17 going to do. The 345s, dual, move from east to
18 west. Chester will be now fed from a sub directly
19 to Chester sub.

20 Now, to address the possible issues of
21 this loading, I would also like to consider the
22 Prairie Island/Byron 345. It runs at or near what
23 is called the North Rochester substation. It's
24 actually north of Pine Island. Anyway, we don't
25 need to do that. However, if it is there, it's

1 Also worth noting is shortly after the
2 CapX projects, the Silver Lake capacity was
3 decommissioned. So there's already existing 161
4 structures the length of the highway along 14 and
5 the railroad that I just proposed. That would bring
6 us to the river in Rochester. Which happens, worth
7 knowing, is the load demand in this area? It's not
8 out here or out in the rural areas. It's in the
9 major metropolitan and/or high population areas. So
10 now we have the 161 available at the prior Silver
11 Lake facility.

12 There is also a line running from that
13 facility east to Chester where we want to go. It's
14 already there. And based on just what I could see
15 vaguely on the maps, some percentage of that is
16 following the railroad track, following the railroad
17 track, the highway, and it's already there. I don't
18 know what the loading situation is there, but it's
19 worth studying. We could put a dual in, I believe
20 the word is collocated 161 circuits on that that
21 appeared to be also some degree H-frame wood.
22 Again, at some point they need to be replaced,
23 perhaps now is that time.

24 Oh, and one more point. The river
25 crossing at the former Silver Lake facility is in a

1 flood controlled environment. The City of Rochester
 2 spent some amount of money, it's not important, some
 3 time ago, I can't remember when, I wasn't involved,
 4 I didn't live there. But it's flood controlled.
 5 We just witnessed what happened at the
 6 Rapidan Dam, and that was semi-controlled, it was
 7 aging infrastructure. And I believe Xcel Energy
 8 lost a small substation at that point. Where we
 9 could avoid some of those instances just based on
 10 the fact that we're crossing a river and it already,
 11 number one, is impacted with an area crossing, and
 12 number two, it's already flood controlled.
 13 And I think that does it. And, again, my
 14 concern, and I'm not trying to save me, but we just
 15 saw it here. Two people may or may not know each
 16 other, but one has one proposal and one has another.
 17 I've been in those shoes. I didn't like it. I
 18 believe that I learned the two that I'm proposing
 19 tonight has minimum impacts on the amount of people
 20 that we're going to have to be there to negotiate an
 21 easement and/or absolutely utilize the eminent
 22 domain process.
 23 That's it. Thank you.
 24 **MR. RICH DAVIS:** Thank you very much. Do
 25 you want to address some of those comments at this

1 and see these lines and say follow this, follow
 2 this. Well, some of them are not transmission so
 3 that's where we're asking on that.
 4 **MR. RICH DAVIS:** And some of that will
 5 be, when we do the EIS, I have notes on that from
 6 other commenters as well, to make sure that we can
 7 separate those things out and provide some more
 8 detail and context.
 9 **MR. STEPHEN HACKMAN:** A clear definition
 10 of what is transmission. Because my understanding
 11 that is a factor and possibly even a state
 12 regulation. I don't know, I'm not a lawyer, I'm a
 13 farmer. I'm a former avionics guy turned beef
 14 farmer. I don't know, I'm not a lawyer.
 15 Thank you.
 16 **MR. RICH DAVIS:** Yes, sir.
 17 **MR. TRAVIS DEVLAEINCK:** Hello. My name
 18 is Travis Devlaeminck, D-E-V-L-A-E-M-I-N-C-K.
 19 And I reside in a township, just north,
 20 or west of Zumbrota, and we have a proposal of it
 21 going on the south side of the road there.
 22 I guess I got a couple questions and a
 23 couple comments, I guess. Since we do have some
 24 years behind us with the CapX, has there been any
 25 studies, and if there have, do any of those

1 time?
 2 **MS. ELLEN HEINE:** Just one. To make one
 3 note, 69 kV is transmission voltage. It's not
 4 categorized as high voltage transmission under state
 5 rule, but those are transmission lines. But they
 6 are much smaller than what we're talking about, but
 7 that is transmission voltage on our system.
 8 **MR. STEPHEN HACKMAN:** Right. And my
 9 concern was, for example, this particular mailing.
 10 Here in the city of Wazepa there is a line, and if
 11 you look down into the keys, it is existing
 12 transmission. That particular line was just worked
 13 by Xcel. They revamped the wooden structures and
 14 that is, I believe, a 69 kV line.
 15 And in the previous process ten years
 16 ago, it did come up -- I'm relying on memory here,
 17 either at an ALJ hearing or at the PUC itself, it
 18 was suddenly suggested to put it there.
 19 And in direct reference to that line, at
 20 that time I believe the applicant stated at that
 21 time it was a 34.5. So I don't know. However, what
 22 we need to do is clarify what transmission is on all
 23 of these sheets. Because the average person looking
 24 at this and who may or may not be trying to defend
 25 their own 100-year farm, is going to look at this

1 resources have type of stray voltage like was
 2 mentioned before or EMFs that could potentially harm
 3 anybody in a certain range?
 4 I kind of went through that when I was
 5 having some discussions about the solar field that
 6 was right next to me, and there is so many different
 7 resources that they never really addressed any of
 8 that because there was a spectrum way over here and
 9 way over here.
 10 Any studies that have occurred since that
 11 big transmission line, or whatever you refer to it
 12 as, in that? And where can we find them?
 13 **MS. ELLEN HEINE:** Well, the application
 14 itself does address EMF and stray voltage in section
 15 7.3.2 of our application, where you can find an
 16 analysis of --
 17 **MR. TRAVIS DEVLAEINCK:** And that
 18 analysis is provided by the electric company, it's
 19 not a third party, correct?
 20 **MS. ELLEN HEINE:** That's correct.
 21 **MR. TRAVIS DEVLAEINCK:** And then another
 22 question, I guess. In regards to 1,000 feet type of
 23 thing. Right now, thankfully, it's proposed across
 24 the road, but the 1,000 feet there, at what point in
 25 this process is it determined that it's not going to

Page 73

1 go through the middle of my house and it's going to
 2 be across the highway at least?
 3 **MS. ELLEN HEINE:** Well, we will
 4 definitely not propose to go directly through your
 5 house. Once a route gets selected, we often do
 6 refine those and make adjustments as we start
 7 working directly with landowners to try to find a
 8 good route, but in some cases it may show impacts
 9 initially.
 10 **MR. TRAVIS DEVLAEINCK:** Okay. And just
 11 one comment that I've seen in regards to nature and
 12 stuff like that. I can make a note of safety out
 13 there, and I kind of chuckled when they said, well,
 14 there's plenty of papers up there. My instant
 15 thought was don't worry, we have plenty of trees
 16 coming out here as we start to take them and the
 17 power goes through.
 18 Renewable energy, energy efficiency and
 19 stuff like that, when does one process outweigh the
 20 other process? We need trees just as much as we
 21 need power. So if we're going through, and we've
 22 heard at least two or three people say it is going
 23 through a heavily wooded area, why is that less
 24 important than some power being connected somewhere
 25 else and not here? I guess that's the main concern.

Page 75

1 information on that.
 2 **MR. TRAVIS DEVLAEINCK:** And that's a
 3 third study, not a paid --
 4 **MR. SAM LOBBY:** It is not affiliated with
 5 Xcel.
 6 **MR. TRAVIS DEVLAEINCK:** Perfect.
 7 **MR. RICH DAVIS:** And we will have EMF and
 8 stray voltage included in the EIS, so it will be
 9 part of the analysis that we'll go through.
 10 **MR. TRAVIS DEVLAEINCK:** Thank you.
 11 Perfect.
 12 Thank you very much for your time.
 13 **MR. RICH DAVIS:** Thank you.
 14 Anybody else, comments, questions?
 15 Seeing none.
 16 I just want to tell everybody thank you
 17 for coming out and participating tonight. Staff for
 18 Xcel and for the state agencies and the cities that
 19 are here, we'll be around for a little bit.
 20 And maps are back there if you have
 21 questions or want to talk with folks. And the GIS
 22 stations are still over there if you'd like
 23 zoomed-in maps looking at your property or looking
 24 at sections of the routes.
 25 **MR. SAM LOBBY:** You have until August 1st

Page 74

1 I got a tree growing right up next to my
 2 power pole, right, that feeds my home, thankfully,
 3 but as soon as it gets within eight, ten feet out of
 4 the capacitor, the big round thing, the thing veers
 5 completely sideways. So that tells me that there's
 6 obviously something that at least a tree doesn't
 7 want to be involved with.
 8 So something that's running that much
 9 energy compared to something that's feeding a single
 10 home, maybe we should try to think about getting a
 11 third person study or somebody that has the interest
 12 of their constituents doing tests on that, not
 13 relying on a company that's making money off of
 14 that.
 15 **MR. RICH DAVIS:** Well, there has been
 16 studies on EMF. It's not specific to the areas that
 17 you're referring to, and that's done by universities
 18 and researchers in a lot of cases.
 19 **MR. TRAVIS DEVLAEINCK:** And do you have
 20 a resource that I could look at in regards to that?
 21 Or could I get something when it's over, some
 22 information on the studies?
 23 **MR. RICH DAVIS:** There's a specific
 24 handout on the table that's on EMF and stray voltage
 25 that the Commission puts out that should have some

Page 76

1 for written comments.
 2 Thank you so much for coming, we really
 3 appreciate your participation.
 4 (Proceedings concluded at 7:51 p.m.)
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25

	adjustments (3) 15:19;43:25;73:6	70:17	20:2,6;50:21;51:3;72:13, 15	average (1) 70:23
\$	ADLER (2) 52:22,23	allows (2) 31:3;44:23	applications (1) 8:20	avionics (1) 71:13
\$10 (1) 38:2	A-D-L-E-R (1) 52:23	along (9) 6:19;23:21;34:19; 35:11;36:12;58:17;59:1; 63:4;68:4	appointed (1) 10:6	avoid (8) 8:3;17:7;24:19;25:7; 26:22;46:16;48:6;69:9
A	administrative (4) 9:2,3;13:8;60:17	alternate (3) 16:23;58:17;62:25	apportioned (1) 51:11	avoided (1) 25:9
able (8) 19:6;27:23;28:1;29:21; 35:15;37:10;48:13;60:4	advocate (4) 24:20;25:15;65:11,21	alternative (28) 8:5;25:10;26:24;27:4, 24,25;28:8,20,21;29:5,6, 14;30:3,4,10,20;54:23, 25;58:4;59:7,13;60:2; 61:25;62:3,7;64:9,11,12	appreciate (3) 3:18;45:24;76:3	aware (2) 5:25;33:16
absolutely (1) 69:21	affect (2) 5:14;37:7	alternatives (23) 16:21;17:1;18:15,19; 23:21;24:5,15;25:2,3; 26:16;27:23;28:6,14; 29:4,8,12,19,24,25;30:6, 8;32:19,20	approached (1) 36:5	away (2) 53:11;54:8
accepted (1) 11:25	affected (1) 36:11	always (3) 8:13;28:22;35:21	approval (1) 44:6	awhile (1) 49:16
access (4) 15:2,3;23:4;46:22	affiliated (1) 75:4	amount (3) 35:15;69:2,19	approve (2) 10:17;44:3	B
accommodate (1) 14:23	afterwards (1) 48:23	amounts (1) 14:24	approved (3) 9:19;11:25;62:3	back (25) 13:5,17;16:1,6;18:16; 23:16;27:11,14;30:6; 31:2,6,25;32:7,17;40:24; 42:9,11;44:5;47:7,18; 49:16;57:3;60:13;67:15; 75:20
achieved (1) 66:16	ag (2) 42:25;55:6	amps (1) 65:17	approximately (1) 11:9	backyard (2) 41:5;54:16
acres (1) 35:13	Again (17) 7:25;9:25;12:3;25:6, 15;27:2;31:24;32:3,7,10; 39:3;50:17;54:13;65:20; 67:14;68:22;69:13	analysis (10) 7:21;18:24;23:13; 24:16;25:17;29:3;50:20; 72:16,18;75:9	April (3) 11:22;13:4,14	bad (2) 45:15;50:10
acronym (2) 7:15;23:14	against (7) 24:21;25:16;41:3,11; 59:24;65:11,21	analyze (2) 27:6;58:20	archers (1) 34:21	badgers (1) 53:8
across (8) 30:17;42:13;43:2; 44:17;46:23;57:13; 72:23;73:2	age (1) 37:24	analyzed (1) 27:18	Archery (5) 34:18;37:21;38:14,21; 41:9	bald (2) 36:15;53:7
activities (1) 34:23	agencies (4) 9:13,17,22;75:18	and/or (2) 68:9;69:21	archery-only (1) 35:3	base (2) 42:24;56:2
actual (1) 9:12	Agency (2) 19:16;60:5	angle (1) 21:14	area (32) 5:19,19;8:2,2;14:19; 21:4;22:24;26:3;27:6,10; 28:9;34:4;42:16,17,22; 43:8,8,9,16;44:9,14;45:2, 15,16,20;46:20;48:8; 54:20;59:5;68:7;69:11; 73:23	based (9) 13:19;16:1;60:24;61:4; 64:20;65:22;67:2;68:14; 69:9
actually (13) 3:25;12:18;13:10;21:7; 27:14;28:7;29:1;30:10; 31:19;42:16,23;61:19; 66:24	agency's (1) 24:3	animals (4) 53:6,14;54:24;56:1	areas (13) 17:2;20:23;27:16,17, 20;42:25;43:3;48:3; 53:13;59:14;68:8,9;74:16	basically (6) 16:9;25:1;28:17;38:20; 45:19;55:25
add (4) 18:9,13;56:7;66:15	agenda (1) 24:2	anthrax (2) 50:8,10	arm (1) 35:11	Bear (1) 34:24
added (2) 19:7;63:16	agent (1) 48:12	anticipate (1) 20:19	around (9) 16:23;17:1,11;32:17; 34:21;38:12;50:2,6;75:19	beautiful (1) 37:2
adding (1) 30:18	agents (1) 20:11	anticipated (2) 28:15;64:14	arrows (1) 38:14	become (1) 10:16
addition (2) 4:14;55:13	aging (1) 69:7	Apologies (1) 62:16	assessments (1) 56:4	bed (4) 56:18,24,24;57:18
additional (6) 18:24;19:5;20:13;23:2; 27:20;66:16	ago (7) 5:10;40:6,12;62:24; 67:20;69:3;70:16	apparently (1) 51:21	assessor (3) 42:10,22;45:22	bedding (1) 36:16
additionally (2) 5:3;31:16	agricultural (1) 59:15	appear (1) 50:21	associated (1) 27:1	beef (1) 71:13
address (8) 26:25;39:6;46:19; 47:21;50:4;66:20;69:25; 72:14	ahead (4) 14:10;33:14;34:12; 54:12	appeared (1) 68:21	attached (1) 41:1	begin (4) 20:11,19;22:7,10
addressed (5) 50:16,19;51:10,22;72:7	ahold (1) 33:11	appears (1) 57:17	August (4) 4:16;8:10;32:4;75:25	behind (1) 71:24
addressing (1) 35:21	AI (1) 44:14	Applicant (2) 25:3;70:20	automatic (2) 59:9;61:17	benefit (1) 58:5
adds (1) 14:22	airport (1) 16:24	application (10) 11:22,25;15:10;16:4;	available (5) 5:4;26:4;58:23;67:19; 68:10	benefiting (1)
adequate (1) 10:10	alignment (2) 46:1,3			
	alignments (1) 47:14			
	ALJ (1)			

<p>51:11 benefits (3) 14:21;51:8,15 BENYSH (5) 33:25;34:11,14,17; 39:11 B-E-N-Y-S-H (1) 34:17 best (5) 8:2;26:8;28:3;35:17; 39:5 better (6) 5:19;23:24,25;34:2; 54:23;55:24 big (7) 45:10;50:1;54:5;55:1; 56:23;72:11;74:4 bigger (1) 54:13 biggest (1) 53:25 bike (1) 54:3 billion (1) 62:20 billions (1) 51:16 bisects (1) 57:5 bit (12) 4:21;5:8;9:7;12:21; 13:24;15:8;16:18;22:2; 32:23;44:16;62:23;75:19 bluff (1) 53:17 borrow (1) 38:23 both (2) 46:21;54:21 bottom (3) 31:4;37:10;42:17 branches (1) 47:6 breakout (1) 67:13 bridges (2) 57:10,12 brief (3) 6:6;14:13;24:2 bring (2) 53:16;68:5 bringing (2) 67:19,21 Brookings (1) 50:7 brother (1) 42:14 brother's (1) 45:18 build (4) 11:8;37:15;41:2;66:6 building (2) 43:2,4</p>	<p>buildout (2) 66:7;67:11 built (3) 11:13;51:22;63:16 bulldozers (1) 49:24 busy (1) 3:17 button (1) 31:21 buying (1) 49:18 bypasses (1) 17:11 Byron (1) 67:23</p> <p style="text-align: center;">C</p> <p>California (2) 38:9;55:9 call (2) 8:16;14:9 called (2) 38:25;66:23 calling (2) 14:6;18:19 calls (1) 8:14 came (6) 23:17;27:12;37:19; 43:12;47:15;49:10 camp (1) 35:8 Can (50) 3:11;4:23,25;5:5,20; 7:2;13:1;17:20;21:17; 22:9;23:4,23;24:14; 25:13;26:3;27:5,17;28:1, 7;29:16;30:24;31:6,16, 21;32:14,17,21;34:11; 35:17;36:6;39:5;42:1; 43:22;44:3,22;45:2,17; 47:21;55:12,24;56:7; 57:13;58:21;59:24; 61:18;67:23;71:6;72:12, 15;73:12 capacitor (1) 74:4 capacity (3) 10:25;14:23;68:2 capture (1) 27:24 CapX (20) 16:12,16;17:19;19:14; 40:7;46:10;47:2;50:7,13; 52:11,14;54:12;63:8,19; 64:11,13;66:10,11;68:2; 71:24 cards (1) 31:25 care (1) 36:3</p>	<p>Carol (5) 49:13,14,14;52:7,21 carried (2) 29:19,22 carry (1) 29:17 carrying (1) 30:17 case (5) 8:8;21:5;48:5;49:23; 52:16 cases (3) 21:14;73:8;74:18 CAT (1) 47:4 catch (1) 48:11 categorize (2) 28:2;29:20 categorized (1) 70:4 centerline (1) 21:22 certain (8) 25:10,10,12;44:25; 48:2,3;66:3;72:3 certificate (4) 10:20,22;30:8;51:13 cetera (1) 36:3 Cezar (2) 6:12,18 Cezar's (1) 33:3 chain (1) 36:2 challenge (2) 54:10;55:20 challenged (2) 54:3,6 chance (1) 60:14 change (3) 30:9;44:6;56:4 changed (1) 65:4 changes (3) 44:3;48:15;54:7 characteristics (1) 27:9 check (1) 63:24 checking (1) 49:19 Chester (11) 17:21;18:10,14,15; 65:15,19;66:18,19;67:13, 13;68:13 children (2) 37:24;38:2 children's (1) 34:23 chronic (2)</p>	<p>49:23;50:4 chuckled (1) 73:13 circuit (5) 49:5;63:11;65:15;67:8, 21 circuits (1) 68:20 cities (1) 75:18 City (13) 35:4;38:22,23;42:24; 56:16,19;57:5,8,10;58:5; 59:2;69:1;70:10 claim (1) 51:14 claims (1) 48:14 clarify (1) 70:22 clear (4) 51:6;52:12;65:5;71:9 clearing (2) 22:10,11 click (1) 31:21 close (3) 9:23;28:24;39:16 closer (2) 17:13;44:16 closing (1) 58:2 Club (6) 34:19,24,25;35:3; 38:14;41:9 colleagues (1) 6:10 collocated (1) 68:20 column (1) 29:9 coming (16) 4:3;6:12;10:19;14:24; 23:10;26:15;32:7;35:7,8; 36:15;37:18,23;38:7; 73:16;75:17;76:2 comment (28) 4:15,20;5:6;8:9,11; 14:3,5;24:6;25:22;27:21; 30:23,25;31:16,20,23; 32:3,8,21,22,25;33:1,2; 34:6;40:21;52:20;61:24; 64:20;73:11 commenters (1) 71:6 comments (44) 4:22;5:16;6:2,3;7:6,20, 22,24;8:3;12:4,7,12; 13:10,16,19;23:20;24:6; 25:20,24;27:19;31:5,7, 13;32:12,18;33:13,17,19, 22;34:3,3,7;37:1;40:20; 47:20;57:1;58:25;60:12,</p>	<p>22:61;5;69:25;71:23; 75:14;76:1 Commerce (10) 6:25;8:13,22;12:10; 23:13;24:10;32:1;61:18; 65:13;66:4 Commission (21) 3:4,21;4:24;5:9;6:10; 8:12,19,24;9:5;10:5,5,17, 23;11:23,24;13:22;24:11; 33:4;44:6;61:2;74:25 commissioners (13) 3:25;5:20,23;6:4;10:6; 25:11,18;30:1;45:3; 59:10,18;60:1;61:21 commodity (1) 42:20 Community (1) 49:17 compaction (2) 46:17,20 companies (3) 54:9;55:19;61:14 company (2) 72:18;74:13 compare (1) 28:2 compared (1) 74:9 comparison (1) 44:3 compensate (1) 48:4 compensation (1) 46:14 complaint (1) 47:2 complete (1) 12:18 completed (1) 40:5 completely (1) 74:5 Con (1) 50:24 concern (11) 38:10;53:4,10,24;55:3, 6,25;66:8;69:14;70:9; 73:25 concerned (2) 5:25;13:11 concerns (4) 5:16,25;14:6;52:25 concluded (1) 76:4 conclusions (2) 9:6;60:19 conditions (2) 53:24;66:3 conductors (2) 18:9;67:19 confirmed (1) 10:7</p>
---	--	---	--	--

congestion (1) 51:21	16:22;17:15,17;52:14; 54:19	16:4,15;17:23;18:1; 35:2;38:12;58:1	degree (1) 68:21	14:30;11,13,14,17;40:3; 3;54:11;55:11;61:25; 72:6
connect (2) 18:15;64:4	corridors (2) 52:12,17	Curtis (5) 46:6,7,7;48:24;49:7	deliver (1) 22:14	differs (1) 17:10
connected (1) 73:24	cost (8) 40:25;41:2,3;51:16; 55:21;62:10,14,17	cuts (1) 42:21	demand (1) 68:7	difficult (1) 29:22
connectors (2) 49:4;52:3	costs (1) 51:11	D	demarcations (1) 47:14	digging (2) 50:2,10
consider (5) 51:13;65:14,16;66:14, 21	country (2) 38:7;53:17	Dairyland (2) 18:3;19:14	densely (1) 59:13	diminishing (1) 53:6
consideration (1) 8:6	County (3) 42:23,23;59:3	Dam (1) 69:6	density (1) 58:16	direct (2) 32:18;70:19
considered (7) 26:20,23,25;27:10; 59:6;62:25;65:24	couple (7) 10:16;18:21;23:18; 40:24;42:4;71:22,23	damage (1) 48:1	Department (9) 6:25;8:13,22;9:15,16, 20;12:10;23:12;24:10	direction (5) 7:23;22:22;25:25;32:8; 38:19
considering (1) 50:25	course (1) 8:18	damaged (1) 48:16	depending (3) 21:18,24;49:1	directly (5) 31:24;42:16;66:18; 73:4,7
consistent (1) 10:14	court (2) 3:23;42:1	Damages (3) 48:3,10,22	depends (1) 21:19	dirt (1) 49:25
consists (1) 10:6	covering (1) 24:2	dashed (1) 18:23	describe (3) 28:1,15;43:23	disappear (2) 50:2,5
constituents (2) 39:21;74:12	covers (2) 51:19;64:1	data (1) 26:4	described (3) 20:7;21:3;43:15	disclose (1) 52:1
constructible (1) 60:2	coyote (1) 36:20	dataset (1) 26:8	describes (1) 25:1	discuss (2) 28:20;32:20
constructing (1) 30:21	coyotes (1) 53:8	date (1) 63:17	descriptive (1) 28:10	discussed (1) 62:5
construction (11) 11:15;20:19,24;22:5, 10,12,15;47:23;48:7,11, 16	crane (1) 48:25	Davis (35) 6:24;23:9,11,23;24:1; 33:24;34:5,13;39:10,12, 18;41:19,22;44:20;45:9; 46:6;47:19;49:8;52:20; 56:9;58:7,19;59:9,22; 60:9;61:17;62:12;64:17; 69:24;71:4,16;74:15,23; 75:7,13	desktop (1) 15:12	discussing (1) 4:4
contact (11) 8:7;9:24;22:25;23:7; 31:11;32:2;33:2,3,4,11; 48:14	create (2) 47:1;60:18	day (4) 3:8;36:1,18;53:9	destroy (4) 43:3,4;46:15;53:11	Discussion (2) 3:22;24:7
contacts (1) 48:13	creates (1) 15:2	days (2) 22:16;64:11	destroyed (1) 47:15	discussions (1) 72:5
containers (1) 36:24	creating (2) 55:9,10	deal (3) 39:23;50:13,14	destruction (1) 53:23	disease (1) 50:4
contents (1) 27:15	creek (1) 42:13	decade (1) 5:10	detail (5) 11:8;16:19;29:13;61:6; 71:8	dissect (1) 45:20
context (2) 5:8;71:8	crews (1) 48:11	decide (3) 7:20;12:5,8	determine (1) 19:6	disservice (1) 39:20
continue (3) 20:16,20;57:7	criss-cross (1) 55:22	deciding (1) 28:13	determined (3) 20:8;22:6;72:25	distinction (1) 50:15
continues (1) 20:25	crops (3) 46:13,15;48:3	decades (1) 5:10	detriments (1) 51:8	distributed (1) 30:14
contractors (1) 48:18	cross (2) 42:13;54:24	decide (3) 7:20;12:5,8	develop (3) 29:16;35:15;56:20	disturbing (1) 50:5
control (1) 62:4	crosses (1) 16:13	deciding (1) 28:13	developed (3) 15:11,12;18:25	ditches (1) 47:1
controlled (3) 69:1,4,12	crossing (4) 11:12;68:25;69:10,11	decision (7) 5:21;12:11,11;13:22; 25:18;27:13;59:17	developer (1) 35:14	DNR (3) 20:14;35:19;39:4
conversion (2) 46:12,15	crowd (1) 33:21	decisions (1) 24:14	developing (4) 7:13,18;16:3;19:19	DOC (1) 61:3
convert (1) 47:7	Cubs (1) 34:24	decommissioned (1) 68:3	development (3) 19:23;58:17,20	docket (1) 4:24
conveyed (1) 30:2	Culbertson (1) 6:11	deer (4) 36:16,17,20;53:7	DEVLAEMINCK (9) 71:17,18;72:17,21; 73:10;74:19;75:2,6,10	document (4) 24:23;25:15;27:12; 59:20
corner (1) 41:25	cumulative (2) 50:16,25	defend (1) 70:24	D-E-V-L-A-E-M-I-N-C-K (1) 71:18	documents (1) 62:10
corridor (5)	cure (1) 22:16	definitely (1) 73:4	different (22) 9:22;11:20;14:25; 15:14,21;18:14;20:14; 22:21;23:3;24:14;26:14,	domain (6) 30:2;61:15,19;62:2,8; 69:22
	curious (2) 47:12;62:10	definition (1) 71:9		
	currently (7)			

<p>done (7) 7:2;13:14;20:1,9,23; 46:16;74:17</p> <p>double-circuit (1) 19:2</p> <p>down (23) 12:1,16;17:7;26:1; 28:7,11;37:8;38:11;39:7; 41:16,24;42:17,21,21; 44:12,16;46:25;52:8; 54:4;56:14,22;62:2;70:11</p> <p>draft (3) 12:22,22;27:13</p> <p>drawing (1) 65:6</p> <p>driving (1) 56:22</p> <p>drying (1) 37:11</p> <p>dual (3) 66:17;67:8;68:19</p> <p>due (1) 39:8</p> <p>dug (1) 50:9</p> <p>duration (1) 6:14</p> <p>during (8) 4:22;35:6;37:2;48:10, 16;54:7;64:11;66:10</p>	<p>73:18</p> <p>efficient (1) 10:10</p> <p>EICHHORST (2) 56:10,11</p> <p>E-I-C-H-H-O-R-S-T (1) 56:11</p> <p>eight (1) 74:3</p> <p>EIS (20) 7:14,18;12:22;24:25; 25:8;26:21,23,25;27:10, 17;29:23;30:19;32:19; 52:1;58:15;59:18,20; 61:11;71:5;75:8</p> <p>either (5) 4:16;13:21;21:21; 36:23;70:17</p> <p>electric (1) 72:18</p> <p>electricity (2) 10:8;36:23</p> <p>Elk (4) 49:18,22;50:2;54:18</p> <p>ELLEN (22) 14:12;40:7,11;43:14; 45:25;47:23,25;49:1; 52:6;62:16,21;63:2,7,10, 17,23;64:4,10;70:2; 72:13,20;73:3</p> <p>Ellen's (1) 33:3</p> <p>else (11) 5:19;28:17;29:2;33:8; 43:9;47:6;49:11;54:15; 56:7;73:25;75:14</p> <p>email (5) 23:5;31:23,24;33:2,7</p> <p>EMF (4) 72:14;74:16,24;75:7</p> <p>EMFs (1) 72:2</p> <p>eminent (6) 30:2;61:15,19;62:1,8; 69:21</p> <p>emphasize (1) 58:3</p> <p>encourage (2) 29:13;38:2</p> <p>end (6) 11:24;20:8;57:25; 59:19;64:3;67:16</p> <p>ends (3) 8:9;32:3,25</p> <p>Energy (13) 4:6;6:22;14:11,24; 19:11;23:13;55:18,20; 57:2;69:7;73:18,18;74:9</p> <p>engagement (1) 20:17</p> <p>engineering (2) 20:1,9</p> <p>enjoy (1)</p>	<p>57:19</p> <p>enough (2) 17:9;29:13</p> <p>ensure (1) 10:10</p> <p>entering (1) 38:18</p> <p>entire (2) 15:16;44:22</p> <p>environment (1) 69:1</p> <p>environmental (28) 7:1,14,15,21;8:23,24; 12:6;13:18,20;15:13; 23:13,17;24:4,4,10,18,24, 24;25:6;26:19;36:11; 37:6;43:17;44:21;50:3; 52:13;57:4;58:3</p> <p>environmentally (2) 53:10;55:21</p> <p>envy (1) 39:19</p> <p>equipment (3) 22:13;53:16,20</p> <p>error (2) 52:7,8</p> <p>essentially (4) 7:19;16:20;17:14; 18:18</p> <p>estimated (1) 62:17</p> <p>et (1) 36:3</p> <p>etiquette (1) 32:9</p> <p>evaluation (4) 15:22;19:5;22:8;24:17</p> <p>even (7) 6:16;13:16;34:6;49:6; 56:2;66:7;71:11</p> <p>evening (3) 23:9;64:20;65:9</p> <p>event (1) 38:6</p> <p>events (1) 35:5</p> <p>everybody (7) 23:9;32:9;42:21;48:13; 54:15;56:22;75:16</p> <p>everyone (1) 41:12</p> <p>exactly (2) 33:20;63:2</p> <p>example (5) 9:14;26:14;28:22;40:3; 70:9</p> <p>existing (16) 15:4,4;16:25;17:5,19; 18:7;19:2;58:16;63:20; 64:15,24;65:14,15,18; 68:3;70:11</p> <p>expand (1) 27:19</p>	<p>expanded (1) 63:6</p> <p>expect (3) 9:10;11:19;14:1</p> <p>experts (2) 38:21,25</p> <p>explain (2) 7:17;11:7</p> <p>explaining (1) 30:10</p> <p>express (1) 42:19</p> <p>extent (1) 67:22</p> <p>extra (3) 3:19;18:21;41:3</p>	<p>federal (1) 9:13</p> <p>feeding (1) 74:9</p> <p>feeds (2) 65:19;74:2</p> <p>feel (2) 32:21;33:22</p> <p>feelings (1) 42:19</p> <p>feet (14) 11:4;21:18,18,21,21, 23;22:3;43:19;47:17; 56:17;57:18;72:22,24; 74:3</p> <p>fence (6) 36:22;38:11,12;46:21; 47:3,16</p> <p>fencing (1) 38:18</p> <p>few (5) 9:22;18:14;22:16;35:4; 54:1</p> <p>field (5) 15:19;16:1;52:11,17; 72:5</p> <p>fields (1) 50:8</p> <p>figured (1) 43:1</p> <p>fill (2) 31:3,21</p> <p>filling (1) 6:12</p> <p>final (6) 5:21;13:20;20:8,9; 44:24;60:8</p> <p>find (13) 20:18;26:7;33:1,5,11; 44:13;45:7,16;58:21; 60:23;72:12,15;73:7</p> <p>findings (2) 9:5;60:19</p> <p>fine (3) 7:17;31:15;34:7</p> <p>finished (2) 7:3;47:4</p> <p>first (14) 7:8;17:20;23:17;24:9; 26:12;27:12;30:7;40:4; 49:10;51:8;64:20;65:8; 66:9;67:15</p> <p>Firstly (1) 3:5</p> <p>fit (1) 43:21</p> <p>five (3) 10:6;32:16;36:17</p> <p>flat (1) 53:18</p> <p>flexibility (1) 44:23</p> <p>flood (4)</p>
E			F	
<p>eagles (3) 36:13,15;53:8</p> <p>earlier (3) 4:8;20:3;45:12</p> <p>early (1) 20:21</p> <p>earth (1) 55:12</p> <p>easement (3) 21:7;46:23;69:21</p> <p>easements (3) 20:12;21:8;61:16</p> <p>easier (2) 4:1;32:20</p> <p>east (9) 18:20;56:14;57:6,14, 21,25;66:17;67:23;68:13</p> <p>easy (1) 53:19</p> <p>economic (1) 15:7</p> <p>economical (1) 55:21</p> <p>edge (2) 36:12;37:5</p> <p>eDockets (1) 33:5</p> <p>EERA (2) 6:25;23:14</p> <p>efficiency (1)</p>				

<p>56:21;69:1,4,12 flooding (1) 37:21 floodplain (1) 37:8 flora (1) 36:20 focus (2) 31:13;46:4 fold (1) 31:5 folks (6) 9:25;30:24;32:7;33:16; 58:24;75:21 follow (5) 9:20;17:16;65:6;71:1,1 followed (1) 22:17 following (4) 63:22;67:23;68:16,16 follows (3) 17:5,15;57:25 follow-up (1) 27:2 food (2) 55:8,9 foods (1) 55:11 foot (10) 43:6,7,9,12,13,14; 44:10,16;45:1,8 forced (2) 62:6,6 Forestry (2) 35:20;39:4 forget (1) 55:7 forgot (1) 33:15 form (1) 31:22 format (1) 13:6 former (2) 68:25;71:13 forth (1) 9:5 forum (1) 5:12 forward (10) 9:10;25:3,4;28:14; 29:12,18,20,23;30:5; 54:11 found (1) 4:23 Foundation (1) 22:15 foundations (2) 22:8,17 four (16) 16:8,15;18:12,20,20; 19:12;36:13;37:11;40:5; 41:24;50:22;51:1,53;1;</p>	<p>56:13;57:22;58:4 fox (1) 53:8 free (2) 32:21;37:25 friendly (1) 55:22 front (5) 5:4;6:11;33:21;41:6; 58:9 full (1) 33:6 fun (1) 55:5 Further (1) 36:7 future (7) 9:8;39:25;40:17;58:20; 61:10;63:18;67:17</p>	<p>10:23 granted (1) 11:14 great (1) 54:22 greater (2) 11:4;15:2 green (1) 36:9 greenfield (1) 17:14 grid (1) 14:20 ground (2) 10:1;15:20 group (5) 6:25;14:16,18;19:13; 34:22 groups (1) 38:20 growing (2) 47:3;74:1 growth (2) 15:7,14 guarantee (1) 48:2 guess (9) 58:2;59:6;62:22,24; 67:20;71:22,23;72:22; 73:25 gut (1) 45:20 guy (1) 71:13 guys (5) 24:8;26:8;43:22;47:10; 56:7</p>	<p>happy (6) 6:15;8:13,15;14:8; 28:5;63:23 hard (2) 23:22;37:14 harm (1) 72:2 harms (1) 50:18 haven (1) 36:20 hazard (1) 50:3 hear (7) 3:9,11;5:18;23:22,23; 24:7;37:4 heard (4) 28:19;40:23;50:12; 73:22 hearing (3) 9:4;13:9;70:17 hearings (3) 4:14;9:3;50:12 heavily (2) 33:18;73:23 heavy (1) 53:19 height (1) 21:17 Heine (24) 6:21;11:7;14:11,12; 40:7,11;43:14;45:25; 47:25;49:1;52:6;62:16, 21;63:2,7,10,17,23;64:4, 10;70:2;72:13,20;73:3 Hello (3) 52:22;64:18;71:17 help (14) 5:20;7:20;12:4,7; 24:11;25:18,25;28:6,10; 31:12;32:23;46:4;59:24; 61:6 helpful (3) 25:23;27:4;28:23 helping (1) 32:10 helps (1) 24:13 here's (1) 12:14 heritage (1) 35:18 H-frame (4) 67:3,4,7;68:21 hi (2) 34:17;56:10 Hicks (1) 23:15 high (10) 7:10;10:24;11:3;19:20; 21:19;22:4;43:2;58:4; 68:9;70:4 highly (1)</p>	<p>3:21 highway (10) 35:11;54:19,21,22; 57:5,11;67:24;68:4,17; 73:2 hill (1) 54:5 hit (3) 31:22;40:25;54:25 home (4) 28:18;40:25;74:2,10 honor (1) 35:18 host (1) 34:23 hosting (1) 37:20 hotline (1) 23:6 house (6) 28:24,25;41:6;65:23; 73:1,5 houses (3) 15:24;19:24;35:16 huge (2) 37:8,13 human (8) 24:17;25:5;26:19; 37:17;53:15;57:4;58:3,14 humans (1) 55:11 hundreds (2) 34:21;37:18 hunt (2) 38:23;39:1 hurt (1) 38:16</p>
	G			
	<p>gal (1) 45:11 gas (1) 10:9 gazebo (1) 57:12 general (2) 18:1;48:10 generation (1) 30:15 gets (5) 20:10;29:25;55:16; 73:5;74:3 giant (1) 63:1 GIS (1) 75:21 given (2) 59:8;61:18 gives (4) 13:24;23:18;32:25; 33:1 giving (1) 32:12 goes (14) 4:16;16:7,13;17:7,8; 19:3;22:14;41:9;42:16; 50:7;53:2;56:15;67:15; 73:17 good (7) 3:10;23:9;35:20,22; 36:4;38:15;73:8 gotta (1) 55:7 government (5) 8:17,19;9:11,24,25 governor (1) 10:7 grab (2) 31:9;33:9 grant (1)</p>		H	
		<p>habitat (2) 53:6,11 HACKMAN (4) 64:18,19;70:8;71:9 H-A-C-K-M-A-N (1) 64:19 half (1) 44:11 hand (2) 31:8;49:12 handout (4) 31:3;32:1;52:4;74:24 handouts (1) 23:4 happen (3) 10:17;38:16;61:23 happened (4) 5:11;19:23;49:19;69:5 happening (4) 4:10;10:1;22:20,20 happens (4) 20:24;22:19;37:12; 68:6</p>		I
				<p>I-90 (1) 64:8 idea (3) 13:25;50:10;64:2 identical (1) 34:7 identified (10) 14:15,16,19;15:15,18; 16:8;17:21,24;19:21;46:1 identify (7) 22:9;24:18;25:8;43:20; 44:23;59:16;65:1 identifying (1) 25:6 imagine (1) 48:24 immediately (1) 67:9 impact (24) 7:1,14,15;8:25;12:6; 13:18,20;24:5,25;28:15, 18;29:1,2,2;37:6,17;39:1; 44:21;51:2,10,20;52:13;</p>

<p>57:4;58:3 impacted (1) 69:11 impacts (22) 7:25;8:4;24:12,18,19; 25:6,9,12;26:20,22;27:1, 7;28:21;29:20;30:21; 36:11;50:15,16;51:1; 58:14;69:19;73:8 important (5) 10:19;12:5;26:6;69:2; 73:24 improves (1) 14:25 include (5) 8:4;25:2;50:21,24; 59:20 included (5) 15:10,22;46:2;64:12; 75:8 including (3) 34:23;35:8;50:23 increasing (1) 14:23 independent (2) 10:12;14:17 Indian (1) 49:17 industries (1) 10:8 inexpensive (1) 57:24 influence (1) 59:25 info (1) 33:4 inform (2) 24:11;25:18 information (28) 7:8,9;8:8;9:17;12:2; 15:14;19:1;23:1,1,3,7; 24:22;25:16;26:2,9; 29:17;31:4,10,11;32:2,2; 33:2,3,10;59:12;65:25; 74:22;75:1 informed (1) 24:13 infrastructure (4) 15:4,5;21:12;69:7 initial (2) 19:23,24 initially (3) 15:11;18:18;73:9 in-person (1) 4:10 input (1) 3:20 inside (2) 17:22;44:7 install (3) 22:12,16;48:8 installed (1) 20:25</p>	<p>installer (1) 48:19 installing (1) 65:16 instances (1) 69:9 instant (1) 73:14 instructions (2) 5:2,6 insulators (2) 18:9;49:4 insurance (1) 38:13 intent (1) 65:9 interest (1) 74:11 interrupt (1) 57:19 interstates (1) 64:7 into (8) 16:3,25;20:22;32:14; 51:16;52:11;66:2;70:11 introduction (1) 6:20 investment (1) 57:14 involved (8) 8:18;9:12,14,22,24; 66:11;69:3;74:7 Iowa (3) 35:5;51:19,25 Island (4) 49:16,17;56:14;66:24 Island/Byron (2) 66:22;67:22 issue (1) 32:15 issued (4) 12:23,23;13:21;61:21 issues (5) 8:20;35:21;66:1,2,20</p>	<p>June (3) 11:24;13:21;57:3 junk (1) 47:11</p> <p style="text-align: center;">K</p> <p>keep (6) 9:23;34:9;35:17;36:25; 38:17;39:5 Kellogg (3) 4:11;11:13;16:14 Kenyon (1) 17:11 kept (1) 35:13 key (2) 22:25;64:23 keys (1) 70:11 kids (2) 37:19,22 Kilovolt (4) 4:5;11:9,10;65:17 kilovolts (2) 10:25;11:4 kind (20) 11:17,18,19;13:24; 19:4,20;20:4;22:4;25:21, 25;29:16;31:13;39:20; 43:16;48:22;63:25;64:2; 67:14;72:4;73:13 kinda (1) 55:12 kinds (3) 26:4;55:11;59:15 Knauer (18) 58:10,10;59:2,19;60:7; 61:8,13;62:9,14,19,22; 63:3,9,13,21,25;64:6,16 K-N-A-U-E-R (1) 58:11 knowing (1) 68:7 Kuecker (4) 46:6,7;48:24;49:7 K-U-E-C-K-E-R (1) 46:8 Kuehl (10) 41:20,21,21,23;42:3,3, 8;44:8;45:6,10 K-U-E-H-L (1) 42:3 kV (23) 11:11;16:15,20,22,25; 17:5,8,10,12,19,22;18:1, 6,12;19:2;21:17,20,25; 22:1;43:18;65:2;70:3,14</p>	<p>Lake (12) 35:4,11;56:18,18,23, 24;57:11,18,18;68:2,11, 25 land (24) 20:11;21:4,7;22:6; 35:7,13,20,24;36:4,4; 37:3;42:25;47:7;48:12; 53:18;55:6;57:25;58:16; 59:3,15;60:3;61:10,10; 66:11 landowner (1) 62:6 landowners (11) 15:25;20:11;21:8,10; 43:24;44:9;48:4,17; 50:11;51:9;73:7 language (1) 67:12 large (2) 30:16;48:2 last (5) 15:24;23:8;27:8;43:11; 45:11 later (6) 6:17;8:8;9:1,4;13:2; 20:20 Laures (6) 39:14,15,16,19;40:9,13 L-A-U-R-E-S (1) 39:16 law (5) 9:2,6;13:8;60:17,20 lawyer (3) 67:12;71:12,14 lay (1) 46:25 lead (1) 6:13 leading (1) 19:17 leads (1) 61:8 learn (3) 38:3,3;58:24 learned (1) 69:18 least (8) 36:13,17;37:19,22; 44:8;73:2,22;74:6 leave (2) 4:18;31:8 legally (2) 60:23,25 legend (1) 51:19 length (2) 11:1;68:4 less (2) 59:6;73:23 letting (2) 3:14;61:5 level (5)</p>	<p>19:20;22:4;54:20;65:4, 24 leveled (1) 47:5 LGU (1) 19:25 lights (3) 55:15,16,17 likely (2) 29:10;51:1 limbs (1) 47:6 limit (2) 32:16;34:6 limited (1) 58:21 limits (1) 56:16 Line (67) 4:5;6:19;7:10;10:24; 11:3,10,10,11;12:1,16; 16:13,15,16,25;17:8,9,12, 19,19,22,25;18:1,4,6,14, 16,23;19:2,17;20:21,25; 21:5,17,23;30:13,16; 37:8;40:5,10,17;41:6; 43:2,18;45:8;46:11;47:3, 9;49:5;50:8,14,24;51:12, 17;52:15;53:2;54:16; 57:7;58:4;63:8,16;66:12; 68:12;70:10,12,14,19; 72:11 lines (19) 17:16;21:4;23:21;51:1, 25;52:11,11,17,17;54:13; 55:3,23;57:11;59:1; 64:24;65:2,6;70:5;71:1 link (1) 31:18 list (7) 12:12,14;25:9,21; 26:12;27:11;39:13 listed (3) 31:12,17,17 little (19) 4:21;5:8;6:6;9:7;10:4; 12:21;13:24;15:8;16:11, 18;22:1,23;30:6;32:20; 34:20;42:9;44:16;62:23; 75:19 live (8) 5:18;8:1;26:3;41:5; 58:11;64:21;65:2;69:4 lives (1) 3:17 load (1) 68:7 loading (5) 66:1,2,8,21;68:18 LOBBY (11) 3:1,3,10,13,23;6:9; 33:15;60:10;61:11;75:4, 25</p>
	<p style="text-align: center;">J</p> <p>Janet (3) 3:23;32:10,13 jargon (1) 10:18 Jeremy (5) 39:14,15,19;40:9,13 job (1) 39:20 judge (8) 9:2;13:8,8;60:17,18,18; 61:1,7 July (1) 13:21 Junction (5) 17:21,25;18:10,11; 67:13</p>	<p style="text-align: center;">L</p> <p>labs (1) 55:9</p>		

<p>local (6) 9:13,24,25;10:2;26:2,5</p> <p>located (4) 16:16,24;18:16;35:10</p> <p>location (1) 42:15</p> <p>locations (1) 14:25</p> <p>Logan (1) 23:15</p> <p>Logan's (1) 32:2</p> <p>long (6) 4:8;11:20;12:17;13:25; 16:20;36:6</p> <p>look (24) 12:8;13:17;15:20;26:3; 27:16;29:8;30:12,20; 33:5;37:13;44:22;54:11, 17,22,25;55:15;58:15,19; 61:9;63:24;65:5;70:11, 25;74:20</p> <p>looked (3) 12:13;27:18;64:6</p> <p>looking (19) 7:24;12:4,15,19;13:12; 15:21;24:21;25:20;27:5; 28:13;36:19;44:24; 49:17;57:16;59:18; 60:21;70:23;75:23,23</p> <p>looks (2) 49:20,21</p> <p>loss (1) 55:25</p> <p>lost (1) 69:8</p> <p>lot (15) 10:1;14:1;15:12;31:10; 32:24;34:23;36:8,10,10, 19;38:20;57:14;64:24; 67:3;74:18</p> <p>lots (3) 53:13,13,23</p> <p>love (1) 35:23</p> <p>lovely (1) 3:23</p> <p>low-cost (1) 15:3</p>	<p>9:11;18:19;30:22; 31:19;54:20;73:25</p> <p>maintenance (1) 39:22</p> <p>major (2) 36:16;68:9</p> <p>makes (2) 60:1,7</p> <p>making (7) 4:1;24:13;34:2;36:2; 39:6;61:7;74:13</p> <p>manage (1) 8:23</p> <p>management (2) 35:21;36:4</p> <p>manager (1) 23:18</p> <p>Mankato (4) 4:4;11:12;16:9,23</p> <p>manner (1) 10:13</p> <p>many (8) 9:13;34:9;38:24;39:23; 55:15;57:6;61:12;72:6</p> <p>map (9) 16:5;28:4,6,7;29:16; 34:15;49:21;51:18;66:12</p> <p>mapping (1) 15:12</p> <p>maps (8) 15:9;16:6;26:4;36:9; 46:3;68:15;75:20,23</p> <p>March (3) 12:17,23;60:13</p> <p>market (3) 21:10;44:2;56:3</p> <p>massive (1) 15:13</p> <p>master (2) 56:25;57:2</p> <p>mat (1) 48:8</p> <p>mats (1) 48:7</p> <p>Matt (11) 41:20,21,23;42:3,3,8; 44:8;45:6,10;53:1;56:2</p> <p>matting (1) 22:12</p> <p>may (27) 5:3;6:11;8:4;9:17,18; 10:23,23;15:24;28:5; 30:3;37:19;45:8;49:21; 59:13;60:4;62:9;65:4,7,7; 66:8,8;67:6;69:15,15; 70:24,24;73:8</p> <p>maybe (6) 40:6,25;45:3;59:3,14; 74:10</p> <p>Mazeppa (2) 64:21;65:2</p> <p>mean (5) 34:5;49:20;51:21;60:3;</p>	<p>62:25</p> <p>means (1) 7:19</p> <p>meet (3) 26:13;29:7;40:2</p> <p>meeting (13) 3:18;4:10,19;5:2;7:5,7; 13:2,7,9;31:1;57:2;60:11, 16</p> <p>meetings (4) 4:7,12;12:2;65:23</p> <p>members (5) 35:4,22,22,25;38:25</p> <p>membership (3) 37:24;38:1;42:6</p> <p>memory (1) 70:16</p> <p>mention (1) 33:16</p> <p>mentioned (13) 8:9;14:4;17:18;19:21; 23:12;24:9;30:7;31:18; 53:1;54:18;60:11;64:7; 72:2</p> <p>mess (1) 39:17</p> <p>messed (1) 37:21</p> <p>met (1) 23:16</p> <p>methods (2) 8:3;26:21</p> <p>metropolitan (1) 68:9</p> <p>mic (1) 32:12</p> <p>Midcontinent (1) 14:17</p> <p>middle (4) 17:23;18:9;49:3;73:1</p> <p>Midwest (1) 38:7</p> <p>might (7) 5:14;21:14;23:16; 31:13;39:7;52:5;54:23</p> <p>mile (1) 11:1</p> <p>miles (5) 16:19;35:3;41:3;56:15, 17</p> <p>million (3) 62:18,18,19</p> <p>mind (2) 6:14;29:14</p> <p>minimize (5) 8:3;24:19;25:7;26:21; 28:19</p> <p>minimizing (1) 58:14</p> <p>minimum (3) 41:15;44:12;69:19</p> <p>Minnesota (17) 3:4;4:11;8:21;9:15,15;</p>	<p>10:4;11:1,13;19:15; 23:12;50:23,24;51:5,5,7, 7,25</p> <p>minutes (1) 32:17</p> <p>MISO (3) 14:17;19:21;51:14</p> <p>missed (1) 48:21</p> <p>mission (1) 10:9</p> <p>Mississippi (3) 4:5;11:12;16:14</p> <p>mitigate (5) 8:3;24:19;25:7;26:22; 27:1</p> <p>mitigates (1) 28:21</p> <p>mitigation (1) 24:13</p> <p>mobilize (1) 22:13</p> <p>money (3) 35:15;69:2;74:13</p> <p>monitoring (1) 23:6</p> <p>monopole (1) 67:8</p> <p>month (3) 12:25;35:6;38:5</p> <p>months (2) 12:16;13:2</p> <p>more (30) 4:10,21;6:15;9:7; 10:25,25;11:4,7;12:20, 25;13:18;15:2,5,21; 16:19;17:1;20:18;22:22; 29:10;33:18;34:2;42:25; 44:25;57:25;59:5,13,14; 67:17;68:24;71:7</p> <p>most (7) 12:5;13:19;25:23;27:4; 28:4;37:2;45:20</p> <p>mostly (2) 16:25;58:12</p> <p>motivation (1) 66:15</p> <p>mountainous (1) 54:4</p> <p>move (4) 18:8;25:4;29:12;66:17</p> <p>moving (3) 9:10;18:6;58:4</p> <p>MPV (1) 51:19</p> <p>much (18) 3:6,15;4:1,2;6:4;17:12; 23:25;30:22;31:11;53:7; 54:7,20;69:24;70:6; 73:20;74:8;75:12;76:2</p> <p>multiple (2) 50:11;67:24</p> <p>multitude (1)</p>	<p>36:7</p> <p>Municipal (1) 19:15</p> <p>muskrat (1) 53:9</p> <p>must (1) 29:6</p> <p>myself (4) 29:10,15;30:23;31:24</p> <hr/> <p style="text-align: center;">N</p> <hr/> <p>name (10) 3:3;6:18;23:11;32:13; 39:15;42:2;52:23;56:10; 64:18;71:17</p> <p>narrow (3) 25:25;28:10;44:15</p> <p>Natural (8) 9:16;10:9;35:14,17; 37:3;39:5;45:20;53:6</p> <p>nature (3) 42:20;43:3;73:11</p> <p>near (6) 11:12;16:14,23;65:15; 66:22;67:12</p> <p>nearby (1) 35:9</p> <p>necessarily (2) 59:25;65:21</p> <p>necessary (1) 34:10</p> <p>necessity (1) 45:12</p> <p>need (33) 10:17,20,22;18:8,8; 21:14;26:7,13;28:15; 29:7,17;30:8;32:17;40:2; 44:5;45:12;49:3,6;50:20, 25;51:2,13;55:17,22; 64:25,25;65:4;66:25; 67:17;68:22;70:22;73:20, 21</p> <p>needed (3) 19:22;21:3;22:13</p> <p>needs (6) 10:14,17;16:17;27:18; 41:17;45:4</p> <p>negative (1) 5:17</p> <p>negotiate (2) 21:8;69:20</p> <p>negotiated (1) 22:7</p> <p>negotiating (1) 20:11</p> <p>neighbor (3) 45:15;53:2;57:22</p> <p>neighbors (3) 41:10;45:16;47:10</p> <p>nests (1) 36:14</p> <p>neutral (1)</p>
M				
<p>machinery (1) 55:5</p> <p>mail (4) 5:2,5;31:6,24</p> <p>mailers (1) 64:20</p> <p>mailing (1) 70:9</p> <p>mailings (1) 64:23</p> <p>main (6)</p>				

<p>24:20 new (5) 11:8,10;17:14;54:12; 55:9 next (6) 12:1;44:11;46:18;61:9; 72:6;74:1 nicely (1) 41:11 Nobody (3) 38:16;45:13;54:15 no-build (2) 30:19;66:5 nominal (1) 11:3 none (2) 40:24;75:15 nonmembers (1) 38:18 nonprofit (1) 34:22 normal (1) 48:17 normally (1) 21:15 north (17) 11:13;16:11;17:4,4,22; 18:16,20;19:3,4;41:8,15; 45:4;65:19;66:23,24; 67:19;71:19 northern (2) 36:12;51:25 northwest (2) 51:23;58:11 note (9) 19:9;21:1;33:15;45:2; 25:52;8:60;10;70:3; 73:12 noted (1) 14:22 notes (2) 3:24;71:5 notice (2) 5:2,3 noticed (1) 58:13 notification (1) 33:7 notify (1) 31:22 noting (1) 68:1 number (4) 41:1;57:16;69:11,12 numbers (2) 4:25;5:1</p>	<p>obviously (4) 28:3;48:5;59:11;74:6 occurred (2) 37:9;72:10 ocean (1) 55:10 October (2) 12:9,16 odd (1) 44:13 off (6) 3:22;35:10;47:5,17; 49:24;74:13 offer (1) 35:14 Office (2) 9:2;42:10 officially (4) 11:24;12:12;14:3; 60:18 often (2) 20:14;73:5 oftentimes (1) 21:2 old (1) 50:1 Olmsted (2) 42:22,23 once (9) 12:23;13:14,16;15:17; 20:15,25;21:8;22:5;73:5 one (65) 4:8,9,10;5:4,5;6:10; 11:1;13:18;14:16;16:7,9, 19;17:5;19:10;21:1; 22:21,23,24;26:12;27:8; 29:24;30:15;32:10;33:9, 15;34:4,8,10;40:1,7,20, 25;41:4;42:13;45:15; 49:5,5;50:17,23;52:3,5, 10,25;54:5;57:13;58:9; 59:7,13,13,24;60:2,2,10; 61:11;62:23;65:23; 68:24;69:11,16,16,16; 70:2,2;73:11,19 one-on-one (1) 32:21 ones (2) 27:20;67:8 ongoing (1) 20:24 online (2) 33:1;58:23 only (7) 13:6;38:2;43:3;45:17; 49:4;57:20;58:24 onto (2) 36:15;45:15 open (7) 5:12;15:23;19:24;31:4; 49:10;56:23;65:22 Operator (1) 14:18</p>	<p>opportunities (2) 14:1;48:5 opportunity (4) 5:13;7:12;13:15;14:2 opposite (1) 18:1 option (5) 19:8;66:5,15;67:11,17 options (2) 15:22;18:21 order (1) 10:15 original (3) 35:12;40:22;41:16 Oronoco (6) 56:12,15,16,19;57:5; 58:5 otherwise (1) 54:24 ours (1) 59:17 ourselves (1) 47:9 out (46) 3:7,17;9:17;12:15; 17:6;20:18;23:10;24:15, 23;25:9;26:11;30:15; 31:21;32:10,23;33:9; 34:24;35:23;36:14,17,18; 37:12;43:1,12;44:9,24; 45:7;47:10;48:14;49:19; 53:7;54:17;55:10;58:21; 59:3,11;60:6,23;68:8,8; 71:7;73:12,16;74:3,25; 75:17 outdoors (1) 38:4 outline (1) 27:14 outreach (1) 19:24 outside (3) 8:11;14:4;44:4 outweigh (1) 73:19 over (19) 6:7,17;17:3,25;27:25; 28:25;35:1,8;36:15;38:6; 50:12,12;64:2,4;65:10; 72:8,9;74:21;75:22 overall (1) 16:5 Overland (3) 49:14,14;52:7 overseen (2) 13:7;60:17 oversight (1) 10:12 overview (2) 14:13;21:11 owls (1) 53:7 own (6)</p>	<p>26:6;38:1;42:14;48:19; 67:2;70:25 owned (1) 19:12 owner (1) 35:16 owners (2) 19:13;20:17</p> <p style="text-align: center;">P</p> <p>packet (1) 33:9 pads (1) 46:25 page (5) 31:20;33:2;51:3,18; 53:5 paid (2) 21:10;75:3 Panait (2) 6:13,18 papers (1) 73:14 paperwork (1) 43:11 parcel (3) 45:18,18,18 park (6) 55:7;56:19,19;57:9,20, 20 parked (1) 55:3 Parks (2) 38:23;39:1 part (19) 9:8;10:3;16:17;17:6; 19:13,13;20:10;24:7; 30:22;39:23;44:20;45:1; 49:1;53:15;56:19;63:7; 64:12;67:10;75:9 partially (1) 17:5 participate (3) 3:18;7:2,13 participating (2) 6:5;75:17 participation (1) 76:3 particular (6) 10:15;40:18;65:10,22; 70:9,12 particularly (1) 67:7 partner (2) 35:19;39:3 partnered (1) 38:22 partners (3) 19:6,10,16 parts (3) 22:21,23;51:19 party (2)</p>	<p>24:20;72:19 pass (1) 14:10 passing (1) 56:17 past (1) 37:9 path (1) 57:10 pavilion (1) 36:23 pay (3) 48:19;51:17;56:3 people (26) 8:1;23:19;26:3;31:2,9; 32:16;34:2,6;35:7,8;37:2; 38:6;42:20;47:13;49:9; 50:18,18;53:19;54:2,23; 55:2;57:19;65:5;69:15, 19;73:22 percentage (1) 68:15 Perfect (2) 75:6,11 performing (1) 13:9 perhaps (1) 68:23 period (7) 4:15;8:9,12;14:5; 27:22;32:3,25 permitted (1) 30:4 permit (12) 7:11;10:21;11:2,2,14; 16:7;18:25;43:16;47:22; 60:5;61:21;62:4 permits (5) 8:21;9:18,21;20:13,14 permitted (5) 5:22;10:16;40:4;44:2; 64:14 permitting (2) 9:12;43:20 person (5) 33:18;34:4,8;70:23; 74:11 personal (1) 67:2 personally (1) 55:4 persons (2) 37:18;41:4 perspective (1) 61:1 Peter (1) 52:15 phase (1) 20:5 phone (1) 8:15 pick (4) 5:5;31:2;44:14;62:7</p>
O				
<p>objective (1) 24:17 observations (1) 67:3</p>				

<p>picking (2) 36:2;41:10</p> <p>piece (4) 21:7;37:3;49:18;53:15</p> <p>pile (1) 50:1</p> <p>piles (1) 47:11</p> <p>Pine (3) 49:16;56:14;66:24</p> <p>place (4) 13:5;18:6;29:21;63:4</p> <p>placed (2) 20:22;66:11</p> <p>places (2) 26:8;53:13</p> <p>plan (4) 40:18;54:11;56:25; 57:15</p> <p>planned (3) 11:15;42:12;57:9</p> <p>planning (1) 39:2</p> <p>plans (2) 57:2;59:3</p> <p>please (3) 32:13;39:7;42:1</p> <p>plenty (5) 4:19;12:24;31:14; 73:14,15</p> <p>plus (2) 31:12;56:17</p> <p>pm (1) 76:4</p> <p>point (20) 6:16;20:7,21;30:15; 46:1;59:11;63:3;64:15; 65:8,9,14,16;66:7,9;67:4, 12;68:22,24;69:8;72:24</p> <p>points (2) 11:20;32:9</p> <p>pole (1) 74:2</p> <p>poles (11) 21:12,15,22;22:2; 46:22;54:13;55:1;57:16, 17;63:1,4</p> <p>pond (1) 37:16</p> <p>populated (4) 17:2;59:8,14,14</p> <p>population (4) 58:16,20;59:6;68:9</p> <p>portion (13) 16:12,16,24;17:4,7,20, 20,24;18:4,5,13,13;63:19</p> <p>portions (1) 19:10</p> <p>position (1) 66:4</p> <p>positive (1) 5:17</p> <p>possibility (1)</p>	<p>63:1</p> <p>possible (5) 5:15;19:1,7;29:15; 66:20</p> <p>possibly (3) 45:8;65:24;71:11</p> <p>potential (15) 7:24;8:4;24:12,12,17; 25:5;26:19,22;27:1,6; 30:1,20;61:22;63:5,15</p> <p>potentially (2) 37:7;72:2</p> <p>Power (17) 18:3;19:14,16;30:17; 41:6;51:23;54:16;55:1,3; 57:7;61:14,15;67:17; 73:17,21,24;74:2</p> <p>practice (1) 48:16</p> <p>Prairie (3) 49:17;66:22;67:22</p> <p>precedent (1) 44:15</p> <p>prefer (1) 36:9</p> <p>preliminary (4) 15:15,18;16:2;20:1</p> <p>prepare (2) 8:24;24:14</p> <p>present (1) 59:1</p> <p>presentation (3) 4:22;7:4;52:2</p> <p>preserve (1) 45:21</p> <p>president (1) 42:5</p> <p>pressure (1) 33:22</p> <p>pretty (3) 30:22;31:11;54:20</p> <p>prevalent (1) 45:1</p> <p>previous (1) 70:15</p> <p>prices (1) 42:21</p> <p>primary (1) 66:14</p> <p>prions (3) 49:25;50:1,4</p> <p>prior (1) 68:10</p> <p>priority (1) 6:1</p> <p>private (1) 54:9</p> <p>probable (1) 58:16</p> <p>probably (6) 20:20;38:8;40:14; 42:18;43:22;50:24</p> <p>problem (3)</p>	<p>14:8;49:23;52:14</p> <p>Proceedings (1) 76:4</p> <p>process (36) 6:16,17,21;7:11;8:18, 23;9:1,4,8,12;10:19; 11:19,21;13:25;15:8; 18:3;19:18,23;20:5,6,9, 16;22:5,24;25:4;28:14; 43:20;58:13;59:20; 61:20;64:13;69:22; 70:15;72:25;73:19,20</p> <p>produce (1) 55:20</p> <p>professional (1) 10:12</p> <p>proficiency (1) 38:24</p> <p>progress (1) 5:11</p> <p>Project (71) 4:6,23;5:13,17,21,24; 6:14,23;7:9,25;8:1,25; 9:7,19,19;10:15;11:5,16; 14:14,15,19,22;15:16; 16:5,7,17;18:2,13;19:9, 11,14,21,22;20:16,18; 22:21;23:1,3,5,20;24:12; 25:1,16;26:13,14,20,23; 27:2,9;28:16;29:7;30:11, 14,18,19,21;31:10;33:5; 37:7;39:24;40:2,3,45;13; 48:2;53:5;59:3;62:11,15, 17;63:14;64:13</p> <p>projects (7) 14:16;24:21;50:22,22; 51:15,19;68:2</p> <p>project's (1) 31:19</p> <p>promoted (1) 57:23</p> <p>proper (1) 38:19</p> <p>property (23) 17:16;26:6;34:25;35:9; 36:12,16;37:11;38:12,17, 19;44:11,18;45:14;46:11, 24;47:11,14,17;52:11,16; 53:3;56:4;75:23</p> <p>proposal (4) 65:10;67:15;69:16; 71:20</p> <p>propose (3) 56:24;65:13;73:4</p> <p>proposed (32) 4:6;6:22;7:9,25;8:25; 9:7;11:5,11;16:4;20:2; 21:11;24:12;25:1;26:20, 22;27:2,9;28:3,16;43:7,9; 49:22;53:3,12;56:18; 57:7;58:4,17,22;62:1; 68:5;72:23</p> <p>proposing (7)</p>	<p>8:4;11:8;37:8;63:14, 18,20;69:18</p> <p>provide (10) 7:8,9;8:7,9;4;10:11; 15:5;25:24;45:2;59:12; 71:7</p> <p>provided (2) 25:17;72:18</p> <p>providers (1) 10:13</p> <p>Public (24) 3:4;4:7,14,24;5:9,10, 12,25;6:9;8:12,18;9:3; 10:5,14;11:23;12:2; 15:23,25;19:15;38:6; 39:21,25;40:20;61:2</p> <p>publicly (1) 4:17</p> <p>PUC (9) 15:11;20:3;43:15;44:5; 51:12;60:7;65:13;67:10; 70:17</p> <p>pulling (2) 47:5,8</p> <p>purpose (1) 7:7</p> <p>push (1) 45:15</p> <p>put (22) 25:3;28:25;29:21;30:4; 31:5,6;32:7;35:16;38:8, 17;47:17;49:3;50:1; 55:16;57:12;60:6;62:24; 63:19;65:18;67:8;68:19; 70:18</p> <p>puts (2) 29:2;74:25</p> <p>putting (1) 53:12</p>	<p>Rapidan (1) 69:6</p> <p>rarely (1) 61:18</p> <p>ratepayers (3) 51:8,9;67:5</p> <p>rates (1) 10:11</p> <p>rather (1) 30:15</p> <p>rational (2) 67:10,14</p> <p>ravine (1) 37:13</p> <p>reach (1) 9:17</p> <p>read (3) 3:25;5:23;26:10</p> <p>reading (1) 32:6</p> <p>real (2) 28:23;53:18</p> <p>realized (1) 56:23</p> <p>really (10) 23:22;26:1;39:20;41:1; 47:25;52:12;54:8,21; 72:7;76:2</p> <p>reason (6) 31:9;36:7;40:9;60:3,4; 66:10</p> <p>reasonable (1) 10:11</p> <p>reasons (6) 7:23;36:8,10;38:13,13; 39:8</p> <p>Rec (2) 38:23;39:1</p> <p>receive (2) 25:24;64:21</p> <p>received (3) 5:1;64:23;66:1</p> <p>recent (1) 13:19</p> <p>recently (2) 18:23;57:23</p> <p>recommendation (5) 30:12;60:20,25;61:4,7</p> <p>recommendations (2) 9:6;29:11</p> <p>recommended (1) 59:21</p> <p>recommending (1) 24:5</p> <p>record (7) 3:22;32:14;33:6;52:8; 60:21,24;61:4</p> <p>redo (1) 48:25</p> <p>refer (1) 72:11</p> <p>reference (2) 27:17;70:19</p>
Q				
<p>quail (1) 53:8</p> <p>quarter (1) 37:10</p> <p>quick (3) 11:6;21:11;33:25</p> <p>quite (3) 9:22;32:23;54:8</p>				
R				
<p>railroad (4) 67:24;68:5,16,16</p> <p>rain (2) 37:9;53:21</p> <p>raise (1) 49:11</p> <p>ramifications (1) 45:21</p> <p>range (1) 72:3</p>				

<p>referring (2) 26:17;74:17</p> <p>refine (2) 43:25;73:6</p> <p>reflected (1) 13:3</p> <p>regarding (2) 30:7;57:3</p> <p>regards (4) 56:13;72:22;73:11; 74:20</p> <p>region (3) 14:20;15:2,6</p> <p>regional (2) 14:18;15:6</p> <p>regulate (1) 10:8</p> <p>regulation (2) 10:12;71:12</p> <p>reimburse (1) 48:17</p> <p>related (1) 14:8</p> <p>release (2) 12:9,10</p> <p>reliability (1) 15:1</p> <p>reliable (1) 14:20</p> <p>relocate (1) 18:4</p> <p>relocated (2) 16:17;47:15</p> <p>relying (2) 70:16;74:13</p> <p>remember (4) 29:23;47:25;55:7;69:3</p> <p>remembers (1) 56:22</p> <p>remove (1) 29:1</p> <p>renewable (2) 14:24;73:18</p> <p>renewables (1) 15:3</p> <p>replace (2) 47:16;67:6</p> <p>replaced (1) 68:22</p> <p>report (2) 9:4;60:19</p> <p>reporter (2) 3:24;42:1</p> <p>representative (1) 34:4</p> <p>requested (1) 12:13</p> <p>required (1) 11:2</p> <p>rerouted (1) 40:17</p> <p>rerouting (1) 40:10</p>	<p>researchers (1) 74:18</p> <p>reside (1) 71:19</p> <p>residents (1) 58:5</p> <p>resilience (1) 15:1</p> <p>resource (3) 27:16;57:2;74:20</p> <p>Resources (4) 9:16;44:25;72:1,7</p> <p>respect (1) 25:19</p> <p>respectful (2) 32:11;38:3</p> <p>respond (2) 13:15;60:15</p> <p>responsible (1) 48:22</p> <p>rest (2) 7:4;27:21</p> <p>restoration (4) 20:22,24;22:18;48:23</p> <p>restricted (1) 60:3</p> <p>retired (1) 35:22</p> <p>reuse (1) 18:7</p> <p>revamped (1) 70:13</p> <p>revenue (1) 15:6</p> <p>review (13) 6:21;8:23;12:24,25; 16:2;20:5;23:13,17;24:4, 10,17,24;43:17</p> <p>reviewed (1) 6:3</p> <p>reviewing (1) 20:6</p> <p>reviews (1) 8:20</p> <p>Rich (36) 6:24;12:20;23:9,11,23; 24:1;33:24;34:5,13; 39:10,12,18;41:19,22; 44:20;45:9;46:6;47:19; 49:8;52:20;56:9;58:7,19; 59:9,22;60:9;61:17; 62:12;64:17;69:24;71:4, 16;74:15,23;75:7,13</p> <p>right (56) 3:1,10,15;4:2,10;14:2; 17:8,10,17,19,21;20:4,23; 21:2,3,6,20;22:1,8,11; 24:1;25:21;27:6,6;29:9; 31:19;33:24;34:11; 35:10;38:5,7;39:12; 40:13,22;41:6,24;42:8, 12;43:17,18,21;44:7,9; 46:11;49:8;53:2;58:1;</p>	<p>63:11;64:3;65:18;67:1; 70:8;72:6,23;74:1,2</p> <p>rights (1) 22:6</p> <p>risk (1) 53:20</p> <p>River (9) 4:5;11:12;16:14;17:25; 36:14;57:13;68:6,24; 69:10</p> <p>rivers (1) 57:13</p> <p>road (8) 21:6;41:8,8;52:14; 57:11;63:5;71:21;72:24</p> <p>roads (3) 15:13;36:2;48:9</p> <p>robust (2) 12:18;14:20</p> <p>Rochester (17) 11:14;16:11;17:4; 18:16;19:3,4,14;34:18, 19,22;37:5;38:23;42:24; 66:23;67:20;68:6;69:1</p> <p>role (2) 24:3,3</p> <p>room (4) 13:6;17:9;43:22,23</p> <p>roughly (1) 32:16</p> <p>round (1) 74:4</p> <p>roundabouts (1) 55:16</p> <p>rounds (1) 15:23</p> <p>route (61) 7:11;8:5,5,20;10:21; 11:2;16:21,22;17:13,14; 18:14,19;19:19,23;20:10; 21:9;23:20;25:10;26:24; 27:4,23,24,25;29:4,5,5, 25;30:9,9;32:19,20;36:9; 38:11;41:17;42:12;43:15, 19,20,24,25;44:1,2,4,24; 46:2;53:12;54:14;56:13; 59:13,21;60:2;61:21; 62:2,3,4;64:12;65:12,22; 67:10;73:5,8</p> <p>routes (18) 15:9,15,18,20;16:2,3; 20:2,8,12,15;22:5;24:15; 25:2;26:24;44:8;61:20; 66:16;75:24</p> <p>routing (2) 15:8;52:18</p> <p>row (1) 28:18</p> <p>RPU (2) 42:5,6</p> <p>rule (1) 70:5</p> <p>run (10)</p>	<p>11:11;43:2;47:1;49:18, 22;50:3;51:23;52:10; 54:19;64:3</p> <p>rundown (1) 24:2</p> <p>running (3) 53:19;68:12;74:8</p> <p>runoff (1) 53:21</p> <p>runs (2) 44:10;66:22</p> <p>rural (1) 68:8</p> <p>RYLAND (2) 56:10,11</p> <p>R-Y-L-A-N-D (1) 56:11</p>	<p>season (1) 54:7</p> <p>second (2) 63:11;65:9</p> <p>section (7) 17:23;18:10;46:10; 49:3;52:5;53:1;72:14</p> <p>sections (1) 75:24</p> <p>secured (1) 40:23</p> <p>Seeing (1) 75:15</p> <p>segment (24) 8:5;16:9,10,12,15,19, 20;17:3,13,18;18:5,12,20, 20;19:12,12;21:20;27:25; 29:5;41:24;46:9;49:2; 52:3;62:3</p> <p>segments (5) 16:8;19:10,16;26:24; 29:5</p> <p>selected (7) 20:10,12;29:24,25; 61:20,25;73:5</p> <p>selecting (1) 67:10</p> <p>selection (2) 25:10,12</p> <p>sell (1) 36:5</p> <p>seller (1) 35:12</p> <p>semi-controlled (1) 69:6</p> <p>Senate (1) 10:7</p> <p>separate (9) 11:10;16:8;18:2;26:15; 61:1,2,20;65:15;71:7</p> <p>separation (1) 57:8</p> <p>September (3) 13:22;15:24;56:21</p> <p>serve (1) 34:20</p> <p>served (1) 39:24</p> <p>service (4) 10:8,13;11:16;20:22</p> <p>services (1) 10:10</p> <p>servicing (1) 51:5</p> <p>setting (1) 9:5</p> <p>seven (1) 46:10</p> <p>Seventh (1) 58:11</p> <p>several (3) 12:25;54:2;57:1</p> <p>Shaddix's (1)</p>
S				
		<p>sad (1) 54:8</p> <p>safe (2) 36:3;38:15</p> <p>safest (1) 39:1</p> <p>safety (4) 38:3,13;53:23;73:12</p> <p>SAM (14) 3:1,3,10,13,23;6:9; 14:12;23:11;24:9;33:15; 60:10;61:11;75:4,25</p> <p>same (10) 13:5,6,6;33:20,23;34:3; 50:7;54:14,14;67:18</p> <p>sandwich (1) 48:9</p> <p>save (2) 40:19;69:14</p> <p>saw (2) 53:9;69:15</p> <p>saws (1) 36:2</p> <p>saying (1) 41:10</p> <p>scenarios (1) 66:9</p> <p>schedule (1) 19:21</p> <p>scheduled (1) 11:16</p> <p>schedules (1) 3:17</p> <p>scope (5) 7:13,18;27:5;32:19; 61:9</p> <p>scoping (8) 12:10,11;24:4;25:4,19; 27:13;28:14;58:15</p> <p>screen (1) 5:1</p> <p>searches (1) 58:23</p>		

5:23 Shady (3) 56:18;57:11,18 shape (3) 7:22;12:4;60:12 sharp (1) 21:14 SHASSLER (2) 52:22,23 S-H-A-S-S-L-E-R (1) 52:24 shed (1) 28:18 sheet (2) 31:18,18 sheets (1) 70:23 shifts (1) 28:25 shoes (1) 69:17 shoot (1) 38:15 shoots (1) 37:2 shortage (1) 55:8 shortly (1) 68:1 show (4) 41:23;60:14;64:24; 73:8 shown (1) 46:3 side (17) 18:2;19:11;21:19,21; 41:8,8,15;45:4;47:22; 49:5;56:15;57:7,14,20, 21;63:12;71:21 sides (2) 46:21;54:21 sideways (1) 74:5 signed (1) 49:9 significance (1) 26:5 signs (1) 38:17 Silver (3) 68:2,10,25 similar (1) 17:11 single (3) 36:1;55:15;74:9 single-circuit (1) 17:23 single-pole (2) 21:13,15 sit (1) 32:5 site (7) 8:20;22:14;36:16;	37:21;43:2,4;56:20 sitting (3) 25:22;44:17;45:7 situation (2) 67:18;68:18 size (3) 26:14;30:13;40:3 skim (1) 49:24 slide (13) 9:8;23:8;25:20;26:15, 18;27:2;28:12;29:9; 32:24,25;33:10;45:4; 61:24 slides (2) 33:10;58:13 small (1) 69:8 smaller (5) 17:9,12;18:21;22:2; 70:6 smarter (2) 55:13,23 snapshot (4) 6:7;11:6,18,18 socioeconomic (1) 51:9 soil (3) 22:7;46:16;50:5 solar (2) 55:18;72:5 sold (1) 35:12 somebody (6) 23:6;29:2;48:14;54:18; 64:7;74:11 sometime (2) 20:20;42:11 Sometimes (4) 22:11;33:17;48:10; 59:22 somewhat (1) 21:24 somewhere (3) 28:17;41:12;73:24 soon (2) 29:15;74:3 sorry (3) 29:6;39:13;52:7 sort (3) 5:12;37:21;61:3 sorts (2) 9:16;12:19 sourced (1) 55:18 south (8) 16:24;17:13;35:11; 41:7;56:15;64:8;65:19; 71:21 southeast (1) 51:24 Southern (4) 19:15;45:1;50:23;	51:24 space (2) 31:4;52:23 span (1) 21:20 spans (2) 21:22;22:2 sparsely (2) 59:7,14 speak (8) 4:17;26:9;33:21;45:17; 49:9,11;55:14;63:18 speaker (1) 32:11 speaking (2) 56:13;57:22 specific (3) 21:7;74:16,23 specifically (4) 21:9;23:5;25:8;51:4 spectrum (1) 72:8 spell (2) 32:13;42:1 spent (1) 69:2 spoke (1) 45:11 sprawl (1) 55:13 spreading (1) 50:6 staff (4) 29:10;33:4;44:3;75:17 stage (1) 22:23 staging (1) 46:20 stakeholder (1) 19:24 stakeholders (1) 20:17 staking (1) 22:9 stamp (1) 31:6 stand (1) 66:13 standard (1) 27:15 standing (1) 46:13 standpoint (1) 57:5 start (7) 11:15;29:14;33:13; 43:24;65:6;73:6,16 started (3) 3:2;40:4,15 starts (1) 22:15 state (9) 9:13;20:4,6;32:13;	47:22;61:16;70:4;71:11; 75:18 stated (3) 26:13;40:2;70:20 statement (12) 7:1,14,15;8:25;12:6; 13:18,20;24:5,25;44:21; 52:13;53:5 statements (1) 40:1 States (1) 55:9 state's (1) 7:10 stations (1) 75:22 stay (2) 18:6;32:11 stays (1) 44:1 steel (2) 21:12;63:1 steep (1) 54:5 step (1) 12:1 step-down (2) 65:17;66:7 STEPHEN (4) 64:18,19;70:8;71:9 S-T-E-P-H-E-N (1) 64:19 steps (1) 22:20 still (8) 4:19;13:16;37:11; 41:12,16;63:21;67:3; 75:22 stop (1) 14:5 storage (1) 36:24 straight (2) 53:2;67:23 strategies (1) 24:18 stray (5) 55:2;72:1,14;74:24; 75:8 Street (8) 34:19;35:10;36:8;39:8; 41:5,15;54:3;58:11 stretch (1) 56:14 strictly (1) 43:8 stringing (1) 22:18 strip (2) 44:10,17 structure (2) 21:16;65:18 structures (10)	18:7;21:13,13;22:3,17; 63:12,20;67:7;68:4;70:13 studied (2) 60:15;64:11 studies (4) 71:25;72:10;74:16,22 study (19) 7:21,23;12:5,18,19; 13:10,13,14;30:19;43:7, 8,16;46:2;47:8;60:12; 66:5,6;74:11;75:3 studying (3) 25:5;66:6;68:19 stuff (5) 23:4;53:22;55:10; 73:12,19 sub (3) 65:19;66:18,19 Submit (4) 31:20,22;33:1;48:14 submitted (8) 11:23;15:10;18:25; 20:2;29:6;57:1;58:25; 60:22 subscribe (1) 33:6 substation (9) 16:11,13;17:4;18:17; 19:3;65:17;66:23;67:1; 69:8 substations (1) 67:25 sudden (1) 43:11 suddenly (1) 70:18 SUE (4) 33:25;34:11,14;39:11 suggest (4) 31:2,9;41:14;65:10 suggested (5) 27:25;30:9;62:1;66:4; 70:18 suggesting (2) 28:20;67:16 suggestion (1) 66:12 suggestions (3) 27:20;28:12;29:4 suitable (1) 52:17 summer (1) 35:6 summertime (1) 46:19 super (1) 63:4 supervisor (1) 29:10 support (2) 14:19;55:11 supports (1) 15:6
---	--	--	--	--

<p>suppose (1) 61:16</p> <p>supposedly (1) 50:1</p> <p>sure (15) 10:2;22:14;27:5;29:16; 30:23;36:2;38:18,21; 39:6,24;52:16;56:22; 61:8;63:2;71:6</p> <p>surface (1) 49:25</p> <p>surveys (1) 22:7</p> <p>Susan (1) 34:17</p> <p>swear (1) 35:25</p> <p>System (8) 14:17,23,25;15:1,3; 26:16;30:6;70:7</p>	<p>terms (4) 10:18,18,20;21:1</p> <p>terrain (5) 21:18,24;53:20;54:4; 56:1</p> <p>test (1) 38:24</p> <p>tests (1) 74:12</p> <p>thankfully (2) 72:23;74:2</p> <p>Thanks (3) 3:14;14:12;56:8</p> <p>that'll (1) 25:2</p> <p>Therefore (1) 66:14</p> <p>thinkers (1) 54:11</p> <p>thinking (1) 4:20</p> <p>third (5) 12:1;24:20;72:19; 74:11;75:3</p> <p>though (1) 66:7</p> <p>thought (1) 73:15</p> <p>thoughts (1) 5:17</p> <p>threat (1) 50:14</p> <p>three (9) 10:8;16:12;17:18;18:5; 19:12;36:13;46:9;57:10; 73:22</p> <p>throughout (7) 6:13,16;9:14;11:19,20; 14:20;20:16</p> <p>Thursday (2) 4:12,13</p> <p>tile (2) 48:18,19</p> <p>tiles (1) 48:16</p> <p>tiling (1) 48:10</p> <p>timeline (1) 9:9</p> <p>times (2) 34:10;48:2</p> <p>timing (2) 30:18;47:24</p> <p>titled (1) 27:13</p> <p>today (11) 4:9;6:2;12:3,3;13:1,2,5, 12;36:18;42:5;50:12</p> <p>tomorrow (1) 4:11</p> <p>ton (1) 33:10</p> <p>tonight (16)</p>	<p>3:16,18;4:3;5:14;6:8; 7:22;25:20;27:21;30:22, 25;31:7;32:16;62:23; 63:15;69:19;75:17</p> <p>tonight's (2) 7:7;60:11</p> <p>Tony (18) 58:10,10;59:2,19;60:7; 61:8,13;62:9,14,19,22; 63:3,9,13,21,25;64:6,16</p> <p>tools (1) 15:13</p> <p>top (1) 31:20</p> <p>topics (1) 27:15</p> <p>tough (1) 59:23</p> <p>towards (4) 20:8;27:13;32:19; 53:22</p> <p>town (2) 17:8;38:22</p> <p>Township (3) 46:10;64:21;71:19</p> <p>track (4) 34:9;67:24;68:16,17</p> <p>tracked (1) 50:9</p> <p>trackers (1) 64:15</p> <p>tracks (1) 55:23</p> <p>trails (1) 57:12</p> <p>transcripts (1) 5:24</p> <p>transit (1) 54:20</p> <p>Transmission (33) 4:5;7:10;10:24;11:3,9; 14:18,22;16:22;17:15,16; 21:5;30:13,16;50:14; 52:15,18;54:12,14;64:24, 25;65:1,3,7,7;70:3,4,5,7, 12,22;71:2,10;72:11</p> <p>Transportation (2) 9:15,21</p> <p>traversing (1) 37:14</p> <p>TRAVIS (9) 71:17,18;72:17,21; 73:10;74:19;75:2,6,10</p> <p>treasurer (1) 34:18</p> <p>treat (1) 42:23</p> <p>treated (1) 33:19</p> <p>treats (1) 42:24</p> <p>tree (3) 22:10;74:1,6</p>	<p>treed (1) 43:1</p> <p>trees (6) 28:18;42:21;47:3; 53:13;73:15,20</p> <p>Trevor (3) 6:11,12,14</p> <p>tried (1) 42:18</p> <p>try (16) 9:23;32:18;35:17; 36:24;38:14,15,15;42:19; 46:3;48:6;59:23,23; 60:23;65:6;73:7;74:10</p> <p>trying (11) 26:2;28:19;36:4;41:11, 22;45:14,19;47:7,9; 69:14;70:24</p> <p>turkey (2) 36:20;53:7</p> <p>turned (1) 71:13</p> <p>twice (1) 35:15</p> <p>two (24) 4:8,11;10:18,19;15:23; 16:10,20;17:3,13;18:18; 19:10,11;21:15;35:25; 39:2;42:14;56:15,16; 57:13;58:8;69:12,15,18; 73:22</p> <p>type (6) 26:15;30:11,14,17; 72:1,22</p> <p>Typical (3) 21:17,20;22:5</p> <p>typically (7) 15:17;21:13,23,25; 22:19;44:4;48:15</p>	<p>United (1) 55:8</p> <p>units (2) 8:17;9:11</p> <p>universities (1) 74:17</p> <p>unless (1) 60:1</p> <p>unthinkable (1) 37:15</p> <p>up (47) 4:17;5:1,5;6:10;7:5; 10:19;18:16;24:9;25:21; 26:16;31:2,5,17,25;32:7, 8,10,12;33:20;35:8,16; 36:2,8;37:22;38:17;39:7, 17;42:17;44:13;46:24; 47:3,4,5,8,9,18;49:9,10; 50:9,10;51:19;54:6; 58:13;59:17;70:16; 73:14;74:1</p> <p>update (1) 13:19</p> <p>upgrade (2) 67:6,7</p> <p>Upgrading (2) 15:3,4</p> <p>upsetting (1) 54:15</p> <p>upsized (1) 67:9</p> <p>upsized (1) 67:18</p> <p>urbanization (1) 55:14</p> <p>use (20) 23:14;27:17;28:22; 30:2;37:10;40:22;47:9; 48:8,17,18;54:2,13; 57:25;59:3;60:3;61:10, 10;63:20;64:15;67:12</p> <p>used (5) 21:5;39:24;40:23;47:4; 51:25</p> <p>useful (3) 25:24;26:1;28:4</p> <p>uses (1) 58:16</p> <p>using (1) 15:13</p> <p>usually (1) 62:2</p> <p>Utilities (12) 3:4;4:24;5:9;6:9;8:12, 19;10:5;11:23;19:15; 54:10;61:2;65:13</p> <p>utility (3) 10:10,13;19:6</p> <p>utilize (2) 35:6;69:21</p> <p>utilizing (2) 67:21,22</p>
T				
<p>table (6) 23:16;27:12,15;31:2; 49:9;74:24</p> <p>tailor (1) 27:3</p> <p>talk (12) 4:21;5:13;6:21,25;9:7, 9;12:20;14:7;21:2;23:19; 47:23;75:21</p> <p>talked (1) 58:14</p> <p>talking (7) 6:22;34:16;40:8;54:12; 58:24;63:8;70:6</p> <p>talks (1) 51:4</p> <p>tapped (1) 66:1</p> <p>target (1) 38:16</p> <p>tax (7) 15:6;42:10,22,24; 45:21;56:2,5</p> <p>teach (1) 42:18</p> <p>team (1) 15:11</p> <p>telephone (1) 10:9</p> <p>telling (1) 13:13</p> <p>tells (1) 74:5</p> <p>ten (8) 40:12,14;47:17;55:16; 62:24;67:20;70:15;74:3</p> <p>tends (1) 51:23</p> <p>term (1) 7:16</p>	<p>thinkers (1) 54:11</p> <p>thinking (1) 4:20</p> <p>third (5) 12:1;24:20;72:19; 74:11;75:3</p> <p>though (1) 66:7</p> <p>thought (1) 73:15</p> <p>thoughts (1) 5:17</p> <p>threat (1) 50:14</p> <p>three (9) 10:8;16:12;17:18;18:5; 19:12;36:13;46:9;57:10; 73:22</p> <p>throughout (7) 6:13,16;9:14;11:19,20; 14:20;20:16</p> <p>Thursday (2) 4:12,13</p> <p>tile (2) 48:18,19</p> <p>tiles (1) 48:16</p> <p>tiling (1) 48:10</p> <p>timeline (1) 9:9</p> <p>times (2) 34:10;48:2</p> <p>timing (2) 30:18;47:24</p> <p>titled (1) 27:13</p> <p>today (11) 4:9;6:2;12:3,3;13:1,2,5, 12;36:18;42:5;50:12</p> <p>tomorrow (1) 4:11</p> <p>ton (1) 33:10</p> <p>tonight (16)</p>	<p>3:16,18;4:3;5:14;6:8; 7:22;25:20;27:21;30:22, 25;31:7;32:16;62:23; 63:15;69:19;75:17</p> <p>tonight's (2) 7:7;60:11</p> <p>Tony (18) 58:10,10;59:2,19;60:7; 61:8,13;62:9,14,19,22; 63:3,9,13,21,25;64:6,16</p> <p>tools (1) 15:13</p> <p>top (1) 31:20</p> <p>topics (1) 27:15</p> <p>tough (1) 59:23</p> <p>towards (4) 20:8;27:13;32:19; 53:22</p> <p>town (2) 17:8;38:22</p> <p>Township (3) 46:10;64:21;71:19</p> <p>track (4) 34:9;67:24;68:16,17</p> <p>tracked (1) 50:9</p> <p>trackers (1) 64:15</p> <p>tracks (1) 55:23</p> <p>trails (1) 57:12</p> <p>transcripts (1) 5:24</p> <p>transit (1) 54:20</p> <p>Transmission (33) 4:5;7:10;10:24;11:3,9; 14:18,22;16:22;17:15,16; 21:5;30:13,16;50:14; 52:15,18;54:12,14;64:24, 25;65:1,3,7,7;70:3,4,5,7, 12,22;71:2,10;72:11</p> <p>Transportation (2) 9:15,21</p> <p>traversing (1) 37:14</p> <p>TRAVIS (9) 71:17,18;72:17,21; 73:10;74:19;75:2,6,10</p> <p>treasurer (1) 34:18</p> <p>treat (1) 42:23</p> <p>treated (1) 33:19</p> <p>treats (1) 42:24</p> <p>tree (3) 22:10;74:1,6</p>	<p>treed (1) 43:1</p> <p>trees (6) 28:18;42:21;47:3; 53:13;73:15,20</p> <p>Trevor (3) 6:11,12,14</p> <p>tried (1) 42:18</p> <p>try (16) 9:23;32:18;35:17; 36:24;38:14,15,15;42:19; 46:3;48:6;59:23,23; 60:23;65:6;73:7;74:10</p> <p>trying (11) 26:2;28:19;36:4;41:11, 22;45:14,19;47:7,9; 69:14;70:24</p> <p>turkey (2) 36:20;53:7</p> <p>turned (1) 71:13</p> <p>twice (1) 35:15</p> <p>two (24) 4:8,11;10:18,19;15:23; 16:10,20;17:3,13;18:18; 19:10,11;21:15;35:25; 39:2;42:14;56:15,16; 57:13;58:8;69:12,15,18; 73:22</p> <p>type (6) 26:15;30:11,14,17; 72:1,22</p> <p>Typical (3) 21:17,20;22:5</p> <p>typically (7) 15:17;21:13,23,25; 22:19;44:4;48:15</p>	<p>United (1) 55:8</p> <p>units (2) 8:17;9:11</p> <p>universities (1) 74:17</p> <p>unless (1) 60:1</p> <p>unthinkable (1) 37:15</p> <p>up (47) 4:17;5:1,5;6:10;7:5; 10:19;18:16;24:9;25:21; 26:16;31:2,5,17,25;32:7, 8,10,12;33:20;35:8,16; 36:2,8;37:22;38:17;39:7, 17;42:17;44:13;46:24; 47:3,4,5,8,9,18;49:9,10; 50:9,10;51:19;54:6; 58:13;59:17;70:16; 73:14;74:1</p> <p>update (1) 13:19</p> <p>upgrade (2) 67:6,7</p> <p>Upgrading (2) 15:3,4</p> <p>upsetting (1) 54:15</p> <p>upsized (1) 67:9</p> <p>upsized (1) 67:18</p> <p>urbanization (1) 55:14</p> <p>use (20) 23:14;27:17;28:22; 30:2;37:10;40:22;47:9; 48:8,17,18;54:2,13; 57:25;59:3;60:3;61:10, 10;63:20;64:15;67:12</p> <p>used (5) 21:5;39:24;40:23;47:4; 51:25</p> <p>useful (3) 25:24;26:1;28:4</p> <p>uses (1) 58:16</p> <p>using (1) 15:13</p> <p>usually (1) 62:2</p> <p>Utilities (12) 3:4;4:24;5:9;6:9;8:12, 19;10:5;11:23;19:15; 54:10;61:2;65:13</p> <p>utility (3) 10:10,13;19:6</p> <p>utilize (2) 35:6;69:21</p> <p>utilizing (2) 67:21,22</p>
U				
<p>ultimately (1) 59:16</p> <p>unavoidable (1) 25:14</p> <p>under (9) 4:24;37:24;53:24;55:3, 5,7;66:2,11;70:4</p> <p>underneath (1) 57:10</p> <p>understands (1) 41:13</p> <p>unfortunately (4) 41:9;45:8,9,16</p> <p>UNIDENTIFIED (5) 3:9,12;23:22,25;42:7</p> <p>unique (1) 27:9</p> <p>unit (3) 8:19;23:14,18</p> <p>unite (1) 57:9</p>	<p>thinkers (1) 54:11</p> <p>thinking (1) 4:20</p> <p>third (5) 12:1;24:20;72:19; 74:11;75:3</p> <p>though (1) 66:7</p> <p>thought (1) 73:15</p> <p>thoughts (1) 5:17</p> <p>threat (1) 50:14</p> <p>three (9) 10:8;16:12;17:18;18:5; 19:12;36:13;46:9;57:10; 73:22</p> <p>throughout (7) 6:13,16;9:14;11:19,20; 14:20;20:16</p> <p>Thursday (2) 4:12,13</p> <p>tile (2) 48:18,19</p> <p>tiles (1) 48:16</p> <p>tiling (1) 48:10</p> <p>timeline (1) 9:9</p> <p>times (2) 34:10;48:2</p> <p>timing (2) 30:18;47:24</p> <p>titled (1) 27:13</p> <p>today (11) 4:9;6:2;12:3,3;13:1,2,5, 12;36:18;42:5;50:12</p> <p>tomorrow (1) 4:11</p> <p>ton (1) 33:10</p> <p>tonight (16)</p>	<p>3:16,18;4:3;5:14;6:8; 7:22;25:20;27:21;30:22, 25;31:7;32:16;62:23; 63:15;69:19;75:17</p> <p>tonight's (2) 7:7;60:11</p> <p>Tony (18) 58:10,10;59:2,19;60:7; 61:8,13;62:9,14,19,22; 63:3,9,13,21,25;64:6,16</p> <p>tools (1) 15:13</p> <p>top (1) 31:20</p> <p>topics (1) 27:15</p> <p>tough (1) 59:23</p> <p>towards (4) 20:8;27:13;32:19; 53:22</p> <p>town (2) 17:8;38:22</p> <p>Township (3) 46:10;64:21;71:19</p> <p>track (4) 34:9;67:24;68:16,17</p> <p>tracked (1) 50:9</p> <p>trackers (1) 64:15</p> <p>tracks (1) 55:23</p> <p>trails (1) 57:12</p> <p>transcripts (1) 5:24</p> <p>transit (1) 54:20</p> <p>Transmission (33) 4:5;7:10;10:24;11:3,9; 14:18,22;16:22;17:15,16; 21:5;30:13,16;50:14; 52:15,18;54:12,14;64:24, 25;65:1,3,7,7;70:3,4,5,7, 12,22;71:2,10;72:11</p> <p>Transportation (2) 9:15,21</p> <p>traversing (1) 37:14</p> <p>TRAVIS (9) 71:17,18;72:17,21; 73:10;74:19;75:2,6,10</p> <p>treasurer (1) 34:18</p> <p>treat (1) 42:23</p> <p>treated (1) 33:19</p> <p>treats (1) 42:24</p> <p>tree (3) 22:10;74:1,6</p>	<p>treed (1) 43:1</p> <p>trees (6) 28:18;42:21;47:3; 53:13;73:15,20</p> <p>Trevor (3) 6:11,12,14</p> <p>tried (1) 42:18</p> <p>try (16) 9:23;32:18;35:17; 36:24;38:14,15,15;42:19; 46:3;48:6;59:23,23; 60:23;65:6;73:7;74:10</p> <p>trying (11) 26:2;28:19;36:4;41:11, 22;45:14,19;47:7,9; 69:14;70:24</p> <p>turkey (2) 36:20;53:7</p> <p>turned (1) 71:13</p> <p>twice (1) 35:15</p> <p>two (24) 4:8,11;10:18,19;15:23; 16:10,20;17:3,13;18:18; 19:10,11;21:15;35:25; 39:2;42:14;56:15,16; 57:13;58:8;69:12,15,18; 73:22</p> <p>type (6) 26:15;30:11,14,17; 72:1,22</p> <p>Typical (3) 21:17,20;22:5</p> <p>typically (7) 15:17;21:13,23,25; 22:19;44:4;48:15</p>	<p>United (1) 55:8</p> <p>units (2) 8:17;9:11</p> <p>universities (1) 74:17</p> <p>unless (1) 60:1</p> <p>unthinkable (1) 37:15</p> <p>up (47) 4:17;5:1,5;6:10;7:5; 10:19;18:16;24:9;25:21; 26:16;31:2,5,17,25;32:7, 8,10,12;33:20;35:8,16; 36:2,8;37:22;38:17;39:7, 17;42:17;44:13;46:24; 47:3,4,5,8,9,18;49:9,10; 50:9,10;51:19;54:6; 58:13;59:17;70:16; 73:14;74:1</p> <p>update (1) 13:19</p> <p>upgrade (2) 67:6,7</p> <p>Upgrading (2) 15:3,4</p> <p>upsetting (1) 54:15</p> <p>upsized (1) 67:9</p> <p>upsized (1) 67:18</p> <p>urbanization (1) 55:14</p> <p>use (20) 23:14;27:17;28:22; 30:2;37:10;40:22;47:9; 48:8,17,18;54:2,13; 57:25;59:3;60:3;61:10, 10;63:20;64:15;67:12</p> <p>used (5) 21:5;39:24;40:23;47:4; 51:25</p> <p>useful (3) 25:24;26:1;28:4</p> <p>uses (1) 58:16</p> <p>using (1) 15:13</p> <p>usually (1) 62:2</p> <p>Utilities (12) 3:4;4:24;5:9;6:9;8:12, 19;10:5;11:23;19:15; 54:10;61:2;65:13</p> <p>utility (3) 10:10,13;19:6</p> <p>utilize (2) 35:6;69:21</p> <p>utilizing (2) 67:21,22</p>

<p>V</p> <p>vaguely (1) 68:15</p> <p>valuable (1) 42:25</p> <p>value (2) 21:10;56:3</p> <p>valued (1) 3:21</p> <p>varies (1) 21:24</p> <p>veers (1) 74:4</p> <p>verbal (1) 30:25</p> <p>verification (1) 15:19</p> <p>versus (2) 54:15;59:7</p> <p>via (2) 61:16;65:17</p> <p>viable (1) 57:23</p> <p>view (2) 56:23;57:19</p> <p>VIRGINIA (2) 52:22,23</p> <p>virtual (1) 4:12</p> <p>visually (1) 29:21</p> <p>voice (1) 5:10</p> <p>voices (1) 10:2</p> <p>voltage (11) 7:10;10:24;11:3;55:2; 70:3,4,7;72:1,14;74:24; 75:8</p> <p>vote (1) 34:9</p>	<p>17:10;20:23;21:2,3,21; 22:1,9,11;28:3;38:8;39:1; 40:22;41:16;42:20;43:17, 18,19,21;44:7,19;58:24; 63:11;64:22;67:9,25; 72:8,9</p> <p>ways (7) 16:11;21:6;25:6;26:13; 40:2;54:11;55:10</p> <p>Wazeppa (1) 70:10</p> <p>weasels (1) 53:8</p> <p>website (3) 4:24;23:2;31:17</p> <p>week (1) 4:8</p> <p>weekend (1) 35:9</p> <p>weeks (2) 12:25;37:11</p> <p>weigh (1) 59:11</p> <p>weighs (1) 61:19</p> <p>weight (1) 59:23</p> <p>weighted (4) 33:18,23;41:3;58:18</p> <p>west (9) 18:21;19:11;28:9;57:6, 20,22;58:5;66:18;71:20</p> <p>whatnot (2) 54:19;55:23</p> <p>what's (5) 10:1;17:24;25:23;28:2; 61:4</p> <p>whole (3) 35:6,9;62:11</p> <p>wide (1) 22:1</p> <p>widen (1) 63:10</p> <p>width (10) 21:21;22:9;43:15,21, 24,25;44:2,4,22;46:2</p> <p>wildlife (2) 42:16;53:7</p> <p>wintertime (1) 46:16</p> <p>wire (1) 22:18</p> <p>wires (1) 48:25</p> <p>Wisconsin (2) 35:5;64:3</p> <p>within (12) 15:1;18:21;25:8;35:3; 43:21,23,25;44:1;45:7; 56:16;57:17;74:3</p> <p>witnessed (1) 69:5</p> <p>wondering (1)</p>	<p>25:22</p> <p>wood (3) 67:3,8;68:21</p> <p>wooded (1) 73:23</p> <p>wooden (1) 70:13</p> <p>word (1) 68:20</p> <p>words (1) 45:6</p> <p>work (7) 3:19;28:5;35:23;38:20; 39:4,4;48:9</p> <p>worked (2) 39:22;70:12</p> <p>working (8) 3:13;18:3;19:5,18; 29:15;43:24;53:24;73:7</p> <p>works (3) 31:1,8;43:20</p> <p>worry (2) 31:14;73:15</p> <p>worth (5) 49:19;66:6;68:1,6,19</p> <p>write (1) 31:7</p> <p>writing (1) 39:16</p> <p>written (5) 4:15;6:3;8:9;33:18; 76:1</p> <p>wrong (2) 40:6;52:5</p>	<p>Z</p> <p>zapped (1) 55:4</p> <p>zoomed-in (1) 75:23</p> <p>Zumbro (2) 35:12;36:14</p> <p>Zumbrota (2) 65:23;71:20</p>	<p>2</p> <p>20 (1) 35:22</p> <p>2010 (1) 56:21</p> <p>2020 (5) 16:13;19:14;40:7; 46:10;47:3</p> <p>2022 (1) 19:22</p> <p>2023 (2) 15:24;19:22</p> <p>2024 (6) 11:22;12:9,16;19:22; 20:5;39:3</p> <p>2025 (6) 12:17;13:4,14,21,23; 60:13</p> <p>2026 (2) 11:15;20:20</p> <p>2030 (3) 11:16;20:21,21</p> <p>20-mile (2) 11:10;56:14</p> <p>22-532 (1) 4:25</p> <p>230s (1) 49:5</p> <p>23-157 (1) 4:25</p> <p>25 (2) 42:18;59:3</p> <p>26 (1) 20:5</p>
<p>W</p> <p>Wabaco (2) 17:25;18:10</p> <p>waiting (1) 45:7</p> <p>walking (2) 33:8;57:12</p> <p>wants (2) 45:13;54:15</p> <p>warning (1) 47:13</p> <p>wasting (2) 49:23;50:4</p> <p>water (2) 47:1;53:21</p> <p>waterways (2) 46:25;53:22</p> <p>way (27)</p>	<p>wildlife (2) 42:16;53:7</p> <p>wintertime (1) 46:16</p> <p>wire (1) 22:18</p> <p>wires (1) 48:25</p> <p>Wisconsin (2) 35:5;64:3</p> <p>within (12) 15:1;18:21;25:8;35:3; 43:21,23,25;44:1;45:7; 56:16;57:17;74:3</p> <p>witnessed (1) 69:5</p> <p>wondering (1)</p>	<p>X</p> <p>Xcel (17) 4:6;6:22;11:7,8;14:11; 19:11,17;30:2;51:14; 52:2;61:14;62:1,13;69:7; 70:13;75:5,18</p> <p>Xcel's (2) 33:3;50:20</p>	<p>0</p> <p>0-V-E-R-L-A-N-D (1) 49:15</p> <p>1</p> <p>1,000 (12) 43:6,7,9,12,12,14; 44:10,16;45:1,7;72:22,24</p> <p>1,000-foot (2) 44:14,17</p> <p>1:00 (1) 4:12</p> <p>100 (6) 11:4;21:18;35:3;37:22; 43:10,19</p> <p>100-foot (1) 21:25</p> <p>100-year (1) 70:25</p> <p>11:00 (1) 4:12</p> <p>110 (1) 65:4</p> <p>115 (1) 16:22</p> <p>1200 (1) 21:23</p> <p>13 (1) 57:17</p> <p>130-mile (1) 11:9</p> <p>14 (2) 67:24;68:4</p> <p>150 (6) 21:18,18,21;43:10; 44:13;46:20</p> <p>1500 (1) 11:4</p> <p>16 (1) 38:1</p> <p>161 (18) 11:10,13;16:15;17:22; 18:1,12;19:2;21:25;22:1; 40:10,16;43:10,18;65:17, 18;68:3,10,20</p> <p>18 (1) 37:25</p> <p>1st (4) 4:16;8:10;32:4;75:25</p>	<p>3</p> <p>3 (1) 51:20</p> <p>30 (2) 34:25;37:19</p> <p>300 (2) 10:25;22:3</p> <p>34.5 (1) 70:21</p> <p>345 (13) 4:5;11:9,11;16:20; 17:10,19,24;18:6;21:17, 20;65:14;66:2,22</p> <p>345s (1) 66:17</p> <p>375 (1) 43:10</p>
		<p>Y</p> <p>year (8) 15:24;20:3;34:21; 37:18,22;44:9,11;48:3</p> <p>year-long (1) 6:17</p> <p>years (15) 34:25;35:1;39:2,23,25; 40:6,12,14;42:18;57:6; 59:4;62:24;67:20;70:15; 71:24</p> <p>yep (3) 14:13;40:12;64:5</p> <p>yesterday (2) 4:8;50:13</p>	<p>4</p> <p>4 (1) 51:20</p> <p>4,000 (2) 56:17;57:18</p> <p>40 (1)</p>	

16:19 43 (1) 35:13 4H (2) 34:23;37:20				
5				
500 (1) 22:3 52 (4) 54:19;56:23;57:5,11 524.7 (1) 62:17 577.2 (1) 62:18				
6				
6:00 (1) 4:13 62 (1) 51:3 63 (1) 51:18 69 (7) 16:25;17:5,8,12;65:2; 70:3,14				
7				
7.3.2 (1) 72:15 7:51 (1) 76:4 75 (2) 21:21;35:1 75-foot (1) 46:20 75th (7) 34:19;35:10;36:8;39:8; 41:5,15;54:3				
8				
8 (1) 57:17 8:00 (1) 4:13 80 (1) 43:19 80- (1) 21:25 800 (1) 21:23				
9				
93-acre (1) 56:19				

In The Matter Of:

*Mankato-Mississippi River 345 kV TL Project
Info & Scoping - 22-532 & 23-157*

KELLOGG - 7-10-24 - 6:00 P.M.

July 10, 2024

Kellogg - 7-10-24 - 6:00 p.m.

Shaddix & Associates

7400 Lyndale Avenue South

Suite 190

Richfield, MN 55423

Page 1

1 SCOPING AND INFORMATIONAL MEETING - 22-532 & 23-157
 2 KELLOGG - JULY 10, 2024 - 6:00 P.M.
 3 BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION
 4 AND DEPARTMENT OF COMMERCE
 5
 6 In the Matter of the Application of Xcel Energy
 7 for a Certificate of Need and Route Permit for the
 8 Mankato - Mississippi River 345 kV Transmission Line
 9 Project in Southeast Minnesota
 10
 11
 12 MPUC DOCKET NOS: E002/CN-22-532
 13 E002/TL-23-157
 14
 15
 16
 17 St. Agnes Church Hall
 18 115 Belvidere Avenue
 19 Kellogg, Minnesota
 20
 21 JULY 10, 2024
 22
 23
 24
 25 COURT REPORTER: Janet Shaddix Elling, RPR

Page 2

	I N D E X	
2	SPEAKER	PAGE
3	Sam Lobby	3
4	Ellen Heine	13
5	Rich Davis	24
6	Carol Overland	34
7	Alan Muller	36
8	Maurice Young	39
9	Carol Overland	41
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Page 3

1 **MR. SAM LOBBY:** All right. We are at
 2 6:00 so we will go ahead and get the meeting
 3 started.
 4 Thank you all so much for coming out
 5 today. We really appreciate having you out here.
 6 My name is Sam Lobby, I'm with the
 7 Minnesota Public Utilities Commission.
 8 So nice to see you all up here today. We
 9 really, really appreciate you coming out and taking
 10 time out of your day and busy schedules to come and
 11 participate with us. Having local input and hearing
 12 from you all is one of the most important pieces for
 13 these sorts of projects. And I like to let folks
 14 know that as a staff member, for the public, when we
 15 receive comments from the public, that's something
 16 that the commissioners put a lot of weight on.
 17 We have with us a court reporter tonight,
 18 so there's going to be an official transcript, and
 19 the commissioners will read that transcript, and any
 20 written comments you submit, they read those. So we
 21 really, really appreciate you doing your civic duty
 22 tonight and came to participate in this process.
 23 Tonight we are here to talk about the
 24 Mankato to Mississippi River Transmission Line
 25 Project proposed by Xcel Energy. Tonight we're here

Page 4

1 to talk about or to give the public information
 2 about the meeting. And so we'll give you some
 3 information about the project and talk about the
 4 environmental study that's going to be done for the
 5 project.
 6 We've had PUC meetings going all week
 7 starting on Monday. We had two on Monday. We had
 8 one at 11:00, 11:00 to 1:00, and then 6:00 to 8:00.
 9 And then we had two again yesterday at the same
 10 times. And then we had one today, which is this
 11 meeting right here, and tomorrow we'll have two
 12 virtual meetings.
 13 So the virtual meetings tomorrow, anybody
 14 is welcome to attend if you do want to come to a
 15 second meeting. It will all be the same
 16 information. But if you leave here tonight and
 17 didn't make a comment and you think of something
 18 that you want to say, you're more than welcome to
 19 tune into the virtual meeting.
 20 Or if it's more convenient, you can
 21 submit written comments. The written comment period
 22 is open until August 1st. And one question I get
 23 sometimes about commenting is people wonder if
 24 coming here in person and speaking, if your comments
 25 will be weighted heavier than if you provide a

Page 5

1 written comment, but they're weighted equally. So
 2 if you're not somebody who likes to get up in front
 3 of a crowd and speak, your comments will be looked
 4 at just the same as if you submit written comments.
 5 And, again, that comment period closes on
 6 August 1st.
 7 With that said, though, there's multiple
 8 comment periods throughout this process, but at any
 9 time, if you have a question or a comment, and even
 10 if it's outside the comment period, if you have any
 11 questions, you're more than welcome to call me at
 12 the Public Utilities or Rich at the Department of
 13 Commerce.
 14 So the project, this particular project,
 15 the record can be found on the Public Utilities
 16 Commission website under docket numbers 22-532 and
 17 23-157. If you have the meeting notice, there's
 18 also the information about how to access that stuff
 19 online. If you did not get the meeting notice,
 20 there are copies of it out front, so feel free to
 21 help yourself.
 22 All right. So just before I jump into
 23 the presentation itself here, I want to let folks
 24 know that this meeting here tonight is for you all,
 25 for the public. The Public Utilities Commission

Page 7

1 to me and I can help you or direct you where you
 2 need to go.
 3 So I will give my presentation about the
 4 review process. Then Ms. Heine with Xcel Energy
 5 will talk about the proposed project itself. And
 6 then after that Rich Davis with the Department of
 7 Commerce will talk about the environmental review
 8 and how you all can participate in that. And then
 9 once our presentation is done, then the rest of the
 10 meeting will be for you all to ask questions or
 11 provide comments.
 12 So the purpose of tonight's meeting is to
 13 provide information about this project as well as
 14 the State's high voltage transmission line route
 15 permitting process. We want to provide an
 16 opportunity for you all to participate in developing
 17 the scope of the EIS. So the EIS, that's an acronym
 18 for environmental impact statement, that's
 19 essentially the study that will be done on the
 20 project area.
 21 So if you see the maps in the back, those
 22 areas that are circled where the project is
 23 happening, this study will be looking at that entire
 24 area.
 25 So the developing the scope is

Page 6

1 holds these types of meetings to give the public a
 2 voice. Decades ago this type of process didn't
 3 exist and so there wasn't the opportunity for the
 4 public to provide input, but that's what tonight is
 5 about. You all live here, you're locals, you know
 6 the area better than any of us or anyone else. So
 7 you can be really helpful for providing comments,
 8 questions, providing information that will be
 9 helpful for the commissioners to make a decision on
 10 whether or not this project is permitted, and if it
 11 is permitted, how it will be permitted. So we
 12 really, really appreciate you coming here tonight.
 13 The commissioners take it very seriously and your
 14 input is important, so thank you for being here.
 15 So with that said, the agenda for tonight
 16 is, first, I will give a presentation. I'm Sam
 17 Lobby with the Public Utilities Commission.
 18 One note on that. The lead for this
 19 project that will take a little over a year, the
 20 permitting process, so it's a long process, Cezar
 21 Panait is the name of the lead individual on this
 22 project, I'm filling in for him tonight. So if
 23 you're following this project for the next year or
 24 so he's the name you're going to see. But with that
 25 said, you're always more than welcome to reach out

Page 8

1 essentially what are we going to decide to study and
 2 that's where you all can be very, very helpful for
 3 us in helping us to shape what direction the study
 4 goes.
 5 So the way that you can help us with that
 6 is by commenting on potential impacts of the
 7 proposed project as well as commenting on methods to
 8 minimize, mitigate, and avoid potential impacts,
 9 which may include proposing alternative routes or
 10 route segments for consideration.
 11 We will also provide our contact
 12 information in case you have more questions later.
 13 So the government units involved in this
 14 are, of course, the Public Utilities Commission.
 15 We're the government unit that reviews applications
 16 and issues site and route permits in Minnesota. So
 17 as the regulating authority we are not for or
 18 against this project or any project, we're just here
 19 to kind of make sure that every party gets their
 20 chance to speak and to have their voice heard and so
 21 that's what tonight is about, is to let you all have
 22 your opportunity to provide input.
 23 We also have the Department of Commerce
 24 who manages the environmental review process for the
 25 Commission and prepares an environmental impact

Page 9

1 statement on the proposed project.
2 And we also will have an administrative
3 law judge from the Office of Administrative Hearings
4 who will facilitate the public hearing later on in
5 the process, probably about nine or ten months from
6 now, and they will provide a report to the
7 Commission setting forth findings of fact,
8 conclusions of law, and recommendations on the
9 proposed project.
10 So the Minnesota Public Utilities
11 Commission consists of five commissioners. They're
12 appointed by the governor and confirmed by the
13 Senate. So there's the five commissioners and then
14 we have about 80 staff members. We regulate three
15 service industries, electricity, natural gas, and
16 telephone. Our mission is to ensure safe, adequate,
17 and efficient utility services at fair and
18 reasonable rates. And we provide independent
19 professional oversight and regulation of utility
20 service providers in a manner that is consistent
21 with the public interest.
22 So in order for this project to get
23 permitted, there's two main terms that you'll want
24 to know and be familiar with, you'll see it
25 throughout this process.

Page 11

1 345 kV line will run from Mankato to a Mississippi
2 River crossing near Kellogg, Minnesota. The 161
3 kilovolt line will be built north of Rochester.
4 If this project does get a permit,
5 construction is planned to start in 2026 and the
6 proposed schedule is for it to be in service by
7 2030.
8 So just to give you a little timeline of
9 kind of what to expect and what will happen at
10 different processes.
11 The application was submitted in April of
12 2024, then the Commission accepted the application
13 as complete at the end of June in 2024. The third
14 line down, the public information meetings, that's
15 where we're at tonight. So I kind of mentioned it
16 already, but tonight a big part of what we have you
17 here for is to help give us comments on how do we
18 shape the environmental study that's going to be
19 done. So there's a lot of information that you all
20 can give us that we may not know about, so that can
21 help us shape the direction the study is going.
22 Then in October of this year, an EIS
23 scoping decision will be released. So essentially
24 we take your feedback tonight and then we release a
25 scoping decision which says based on your feedback,

Page 10

1 The first thing that the project will
2 need to be given is called a certificate of need.
3 So any high voltage transmission line with a
4 capacity of 300 kilovolts or more and with more than
5 one mile of its length in Minnesota requires a
6 certificate of need. So that's one of the things
7 that you can comment on, is is this project needed
8 and that sort of thing, and Rich will talk more
9 about that.
10 The other thing they need to have to
11 complete this project will be a route permit, which
12 is for any high voltage transmission line operating
13 at a nominal voltage of 100 kilowatts or more and
14 greater than 1500 feet in length.
15 So if this project is approved, then
16 those two -- those are the two things that they
17 would need for it.
18 So I won't get too deep into the proposed
19 project itself because Ms. Heine with Xcel will talk
20 about the project and give you more detail on that.
21 But the basics of it is that Xcel is proposing to
22 build a new approximately 130-mile 345 kilovolt
23 transmission line and a separate new 20-mile 161
24 kilovolt line. Excuse me.
25 The proposed project, or the proposed

Page 12

1 this is what we're going to study.
2 That takes several months, it's a long,
3 very comprehensive study that will be done on the
4 entire area, and the draft of the environmental
5 impact statement will be issued in March of 2025.
6 So once that is issued, then you'll have plenty of
7 time, you know, several weeks or a month or more to
8 review that and look at it and digest it. And then
9 a month later in April we will hold a public
10 hearing, and that's where the administrative law
11 judge will come in. And so that will be a very
12 formal process and they will take your comments.
13 And then at that time, you know, at this
14 meeting we're looking for your input to help shape
15 the direction the study goes. Then at that meeting
16 in April you will have a chance to review what came
17 out of that study and then you can provide us
18 feedback a second time about did we look at all the
19 things that you wanted us to look at, are there
20 things that got missed, anything like that. So
21 that's what would happen at that hearing.
22 Then in June or July of 2025, the final
23 environmental impact statement would be issued. And
24 then in September of 2025 the Commission will issue
25 a final decision as to whether or not the project is

Page 13

1 permitted.
2 So, with that, I will hand it over to
3 Ms. Heine with Xcel Energy.
4 **MS. ELLEN HEINE:** Thanks, Sam.
5 Yep, I'll give a brief overview of the
6 project here.
7 So as he said, this is the Mankato to
8 Mississippi River transmission project. The
9 project, the goal of this project is -- it's been
10 identified by MISO, the Midcontinent Independent
11 System Operator, which is the regional transmission
12 organization that we are part of here. And it's got
13 several different purposes that it's serving. It's
14 a long-range transmission project, so it is just
15 part of the overall system improvement goals that
16 they're working on throughout the region, it helps
17 support the energy needed in Minnesota and
18 throughout the adjacent region as well.
19 So just some points about that. This
20 transmission line project and other similar ones
21 that have been proposed adds transmission capacity
22 to the system to accommodate increasing amounts of
23 renewable energy that are in more disperse areas
24 getting on the system. It helps improve reliability
25 and system resiliency throughout the area, and

Page 15

1 parts of this route and got feedback and
2 information. We took all of that as well as the
3 information we found on the ground and were able to
4 refine those routes and remove some of the not as
5 viable options from the route. So what you see on
6 the maps there is what was included in the
7 application that we submitted to the PUC.
8 So this is a little bit more of a
9 blown-up portion of what Sam showed on the other
10 map. The project as a whole, it's a 345 kV line
11 that will run from the Wilmarth substation in
12 Mankato to the Mississippi River near Kellogg and
13 crosses into Wisconsin. And so we've divided the
14 project into four segments as well as one permit
15 with the PUC, but basically we broke that into
16 segments based on milestones along the way.
17 So that first segment runs from Mankato
18 to Faribault and then from Faribault to the North
19 Rochester substation, which is actually in Pine
20 Island.
21 And then segment three is the CapX 2020
22 line, which is the green line on that map, that
23 North Rochester substation to the Mississippi River.
24 And segment four is the 161 kV line.
25 That line currently resides on those CapX

Page 14

1 creates greater access to low-cost renewable energy
2 to be able to connect to that system. And as part
3 of this project, because we're doing this and
4 utilizing existing transmission facilities,
5 transmission corridors, there's some upgrading and
6 updating of infrastructure facilities throughout the
7 region, which also helps create jobs and provide
8 economic growth in the region.
9 The process that we went through to
10 develop the routes that you see on the maps here is
11 a multistep kind of iterative process that we went
12 through. So initially when we knew where the main
13 points where the project needs to go, but then the
14 team looked at maps using a lot of environmental
15 data and information on houses and roads and things
16 like that and used all that to develop some
17 preliminary routes. So we had a lot more segments
18 at one point on the map that we were evaluating and
19 looking at.
20 And then based on that information, our
21 project team did some field verification, went out
22 and looked at some sites and got a closer look at
23 some things, as well as we did two rounds of public
24 open houses last year in May and September of 2023
25 where we spoke to a lot of folks that live along

Page 16

1 structures. So because we're proposing to place
2 that second 345 line on those structures, we're
3 identifying a new location for the 161 kV line
4 there.
5 And then I'll go through a little bit
6 more detailed breakdown of those.
7 Segment one is about 40 miles long. Most
8 of the north option on that is following an existing
9 115 kV line corridor that connects the Wilmarth to
10 the west Faribault sub, and then there's a south
11 option that utilizes some parts of a 69 kV
12 transmission corridor, but there's a few spots where
13 we went around some towns or identified some other
14 alternative areas because the 69 kV line went
15 through some smaller more populated areas.
16 And then segment two, which comes from
17 approximately the west Faribault substation over to
18 North Rochester. The north route on that segment
19 mostly follows a 69 kV line as well, with some
20 portions that bypass the cities of Faribault and
21 Kenyon because that line was just too close to go
22 into those locations. And the south route on that
23 portion of segment two is what we call a greenfield
24 route where there is not an existing transmission
25 line there so that would be a new transmission

Page 17

1 corridor.
2 And then as I mentioned, segment three is
3 that portion that CapX tapped into the LaCrosse
4 project from the North Rochester substation to the
5 river. That line right now, currently that portion
6 that you see, we've got two points on there, the
7 Chester Junction and the Wabaco Junction. The line
8 between the North Rochester substation and that
9 Chester Junction is -- the 161 kV line is located on
10 the second line and the 345 is on the other side.
11 So that 161 kV line is getting relocated. We will
12 be able to use -- the existing facilities that are
13 built on there now are 345 kV capable, so it doesn't
14 need to be rebuilt, it will be operated at 345.
15 The middle section between those two
16 junctions currently just has the 345 kV circuit
17 located on it. So we'll be installing the second
18 circuit between those two points, so the insulators
19 and the conductor will get installed, but the poles
20 that are there now will remain and will be the poles
21 that we will use for that.
22 And then from the Wabaco Junction to the
23 river, a similar situation, there is a Dairyland
24 Power line that's located on the second side of that
25 portion of the line now, so that line, under a

Page 19

1 project on the east side here is part of what was
2 the CapX 2020 project about ten years ago. So we're
3 working with a number of utility partners on that.
4 As you see there, Dairyland Power,
5 Rochester Public Utilities, Southern Minnesota
6 Municipal Power Agency, that's always a mouthful,
7 are all co-owners on those segments of the line. So
8 they are partners on this project, but Xcel Energy
9 is the lead as far as developing the permit and
10 doing these proceedings, but we are working and
11 coordinating with them on the development of the
12 project. And then the western segments of that
13 would be Xcel Energy owned.
14 So this is the project schedule, and Sam
15 had talked about the regulatory schedule. In 2022
16 this project was identified by MISO as a needed
17 project. So in '23 and up through now we started
18 that route development process. We did that public
19 stakeholder engagement and have done some
20 preliminary engineering on the proposed routes that
21 we've identified. And then that certificate of need
22 and route permit applications were both filed
23 earlier this year.
24 So we're now in the middle segment
25 between 2024 to 2026. The permitting review with

Page 18

1 separate docket number, is getting permitted for a
2 new location as well. And Dairyland Power has been
3 involved in that project and is also available to
4 answer questions about that. But it's a separate
5 permitting process, but it's happening approximately
6 parallel to this one. So that one is also being
7 reviewed by the PUC.
8 And then segment four is the 161 kV line
9 so it's the portion of that existing 161 kV line as
10 alternative locations for that to move it off of
11 those existing CapX structures. In the application
12 we -- they crisscross a bit, but there was
13 essentially a segment four east and a segment four
14 west, we call them.
15 We've actually also filed four scoping
16 analyses and options. After we did some additional
17 analyses after the permit was filed, we determined
18 that it was possible that we could double-circuit a
19 portion of that line with an existing 161 kV line
20 that's shown by the dashed line on that map as well.
21 So it's not currently on the project website, but
22 we'll get that shown on there as well. So that was
23 a recent addition as far as a route to study as part
24 of this project.
25 As I mentioned, we -- the portion of the

Page 20

1 the state is underway. Once the state -- assuming
2 the state grants us a permit, at that point, once we
3 know what the final routes are, then they would
4 complete final engineering for the selected route.
5 And then also begin negotiations with landowners to
6 secure easements for any areas where we need new
7 land rights. And also obtain any other permits.
8 There's typically DNR or other -- Fish
9 and Wildlife sometimes, different types of permits
10 that we need that we can't really get until we know
11 which routes are selected, so there's some
12 additional what we call down chain permits that we
13 would acquire at that point. And throughout that
14 process we continue public and stakeholder
15 engagement to make sure that people are informed.
16 And then we're anticipating late 2026
17 construction would start on the project and would be
18 completed sometime in 2030, and then at that point
19 in 2030 the line would be placed into service.
20 As we talk about the project, a lot of
21 times we talk about easements and right of way
22 somewhat interchangeably, they're not exactly the
23 same thing. So when we talk about acquiring
24 easements, that's a permanent right to a portion of
25 the land and it's a specific piece of land that

Page 21

1 we're talking about, and landowners are paid for
2 those easement rights if we get to acquire them from
3 them. The right of way is more of a term to
4 describe that land area or that corridor, and it's
5 used to describe rights of ways for roads and other
6 public facilities and stuff like that as well.
7 So we talked about this, so the right of
8 way for the 345 kV line is typically 150 feet wide
9 and for the 161 kV line it's typically 80 to 100
10 feet in width. And so within the easement, some
11 land uses are restricted within that easement just
12 for safe operation of the line, so that's part of
13 the easement process, is identifying exactly where
14 that location is and making sure that landowners are
15 compensated for any change in their land use.
16 The infrastructure that we're talking
17 about building as part of this project is they'll be
18 single steel pole structures. So on occasion, on
19 some sharp angles, there may be a two-pole
20 structure, but for the most part those will be
21 single pole steel. For the 345 kV line the typical
22 height is between 100 and 150 feet, that varies
23 depending on the terrain. And the right of way
24 width of the existing 345 would be 150 feet, so it's
25 75 feet either side of centerline. And the spans

Page 23

1 foundations and let those cure, then the line crew
2 comes through and install structures that are bolted
3 onto those foundation and then they'll be stringing
4 the wire along those. And after that is all
5 completed, they'll come through and complete
6 restoration in those areas.
7 Typically, this process is taking place
8 in multiple places along the project all at the same
9 time. They'll get through, like, be further along
10 in one place and starting just the access in a
11 literal location, so there might be multiple crews
12 at different points along the project, but they tend
13 to work in one direction, but there's often multiple
14 crews kind of doing the same thing in parallel
15 throughout that process.
16 And then here's just some additional
17 information about the ways you can find out more
18 about the project or contact us. We do have a
19 project website that is listed there as well as an
20 email address as in an email that is monitored
21 regularly. So you can contact us through that or
22 the hotline number that's located on there. My
23 contact information is also on some of the other
24 information here, so you can also contact me.
25 But on the website there's an interactive

Page 22

1 between poles is typically about 800 to 1200 feet in
2 length.
3 And then the 161 kV line, as I said, it's
4 typically 80 to 100 feet for that right of way width
5 and those span lengths are a little shorter, 300 to
6 500 feet for the spans between those structures.
7 The typical construction process. Once
8 we got through the permit process and we're issued a
9 permit and complete all our compliance requirements
10 through the PUC, then they start typically with soil
11 surveys, they do property staking to identify the
12 area where the easement will be located and
13 structure location.
14 Construction access and tree clearing
15 comes through first, so vegetation management comes
16 through and removes trees where that's needed, and
17 in some locations where it is wetter or things like
18 that, they have power construction mats that they
19 will install, and create matted roads to be able to
20 access more difficult areas.
21 Once that access stuff is completed then
22 they mobilize the construction equipment, begin
23 delivering materials and bringing things onto the
24 site. They start with the foundation construction,
25 so they'll drill it for those drill poured

Page 24

1 map, there's some more handouts about the project
2 and other information, so you can go there and get
3 additional information, but you can also contact us
4 via the email or website or through my contact
5 information directly.
6 **MR. RICH DAVIS:** All right. Thank you,
7 Ellen.
8 I'm Rich Davis, I'm with the Minnesota
9 Department of Commerce. I'm an Environmental Review
10 Manager with the Energy Environmental Review and
11 Analysis unit, or EERA. My co-worker, Logan Hicks,
12 is in the back. We'll discuss some more, but he's
13 available to be contacted as well if you have
14 questions or comments about the project as we go
15 through the process.
16 A little bit of an agenda. Kind of look
17 at our agency's role in the environmental review for
18 the project and for the permitting process. Scoping
19 for the environmental impact statement, or the EIS.
20 How to recommend route alternatives or route
21 segments alternatives. How to comment. And then
22 we'll open it up for comments and questions after
23 that.
24 So our main role at the Department of
25 Commerce is we provide the environmental review for

Page 25

1 transmission lines on behalf of the Commission. So
2 in doing that, we're looking for an objective
3 analysis that will look at potential human and
4 environmental impacts of the proposed project.
5 Identifying strategies to avoid, minimize, or
6 mitigate impacts. We do this from the standpoint of
7 being a neutral third party, so we don't advocate
8 for or against projects, we're just looking to
9 gather factual information. And ultimately our goal
10 is to put that information into an environmental
11 document like an EIS so that the commissioners can
12 understand the project, the potential impacts and
13 potential mitigation measures that can be included
14 so that they can make an informed decision.
15 Now, again, Sam mentioned it, for this
16 project we will be writing an environmental impact
17 statement. And this slide right here just kind of
18 goes through what's included in there. We'll
19 include information on the proposed project, any
20 alternatives that are being looked at, so that will
21 include any of the routes that have been proposed by
22 Xcel, any routes or route segment alternatives that
23 are proposed at the public meetings or during the
24 comment period. And it also will include if there's
25 any system alternatives that are brought up for the

Page 27

1 This one is a lot of text. But
2 essentially at this point we're trying to develop
3 the scope for what will be in the EIS. And by doing
4 that, it sets the tone for what's included for
5 analysis and what's included in the table of
6 contents of it, and what we'll expand on as we're
7 writing it.
8 One of the handouts back there, the draft
9 scoping decision document that was on that table
10 where you first walked in, towards the back of that
11 there's a rough outline of the table of contents in
12 there to give you an idea of what is typically the
13 standard and included in all of our environmental
14 documents that we look at in our analysis for
15 potential impacts. But it also is intended to help
16 the public kind of get engaged and wrap their head
17 around the idea of what they may want to suggest for
18 comments, or if additional items might be important
19 in those categories that they would like to point
20 out, that they'd like to bring to our attention.
21 It's important for us to get input on the
22 potential local resources that we may not be able to
23 see on a map somewhere or have in a database
24 somewhere that we've pulled up, things that are
25 important to local communities or to local

Page 26

1 certificate of need side of things as well.
2 Again, we're looking at potential human
3 and environmental impacts, so it's pretty broad, a
4 pretty broad brush that we're looking for. We're
5 looking for strategies to avoid, minimize, or
6 mitigate impacts.
7 This one I like to point out, it is a
8 list of impacts that can't be avoided, that's
9 specifically identified for all the routes or any
10 alternatives so that the commissioners know if they
11 are to select one of those options, if there are
12 unavoidable impacts on there, they know that ahead
13 of time when making that selection.
14 And, again, we don't advocate for
15 anything, for or against the project, we're trying
16 to find factual information.
17 One thing that's not on the slide, the
18 EIS will also include an identification of permits
19 that are needed from other state or federal
20 agencies. While this comment period is going on,
21 we're reaching out to the public. We also work with
22 other state and federal agencies and tribes to get
23 input from them on a proposed project, or if they
24 would like to see us look at any alternatives, we do
25 that as well.

Page 28

1 landowners that we aren't going to know about it
2 very easily without somebody giving us a comment or
3 expressing it to us that it's out there.
4 And these questions on here are intended
5 to help guide, you know, what those comments might
6 be from anybody that's interested in providing a
7 scoping comment, just to help us build that table of
8 contents as we move forward to the EIS.
9 I'm just going to read through them here
10 fairly quick.
11 The first one there, are there other ways
12 to meet the stated need for the project? For
13 example, a different size project or a different
14 type of facility. That's what we refer to as a
15 system alternative. Sam had mentioned it. This
16 part is referring to the certificate of need or the
17 CN process that the Commission has to look at. I
18 have a separate slide in a little bit here that I'll
19 provide a little more detail on that.
20 The next one, what potential human and
21 environmental impacts of the proposed project should
22 be considered in the EIS? Are there any methods to
23 minimize, mitigate, or avoid potential impacts of
24 the proposed project that should be considered in
25 the EIS? Are there any alternative routes or route

Page 29

1 segments that should be considered in the EIS to
2 address or mitigate potential impacts associated
3 with the proposed project?
4 The next slide I have is on how to
5 suggest route alternatives to help us capture the
6 detail that we'll need to carry them forward. And
7 then the last one, are there any unique
8 characteristics of the proposed project area that
9 should be considered in the EIS. And, again, from a
10 local perspective that's pretty helpful for us.
11 Route alternatives or route segment
12 alternatives. It's important for us to know what
13 the anticipated impact is of the proposed project,
14 where are the alternatives being suggested, so that
15 we can capture that detail and capture what is
16 potentially going to be avoided or minimized or a
17 mitigated workaround by using that alternative. And
18 that's important from our perspective because an
19 alternative has to actually mitigate for an impact.
20 We can't simply say I don't want it by my house so
21 put it by my neighbor's house, because it's still by
22 somebody's house, so that is just moving that impact
23 to somebody else.
24 So making sure that we have that captured
25 as to what the impact is that is going to happen or

Page 31

1 that to bounce it, the alternative ideas off of them
2 to see where it falls in from a feasibility
3 perspective.
4 One thing that I would point out as well,
5 if you suggest an alternative and it gets carried
6 forward into the EIS, do remember that if that
7 alternative or alternative route segment is selected
8 by the Commission as the -- as we know the routes
9 that will be built for the project, that can confer
10 eminent domain to Xcel to be able to acquire that
11 land that would be needed to make that alternative.
12 For CN alternatives, or the system
13 alternatives that I kind of mentioned earlier, that
14 is different than a route alternative. It is
15 actually looking at the project as a whole and so it
16 would be a project or a system of a different size,
17 type, or timing. So it could be something like
18 distributed energy or looking at a different size
19 transmission line, not necessarily just the location
20 of the route itself. It's the project as a whole to
21 meet the need of the project that's being proposed.
22 Our EIS will study a no-build alternative
23 so we'll look at the impacts of what will occur
24 assuming the line doesn't get constructed as it's
25 being proposed.

Page 30

1 potentially happen from the proposed project and
2 what can be minimized by using the alternative.
3 It's important that we get them submitted on time
4 and that they need to meet the need of the project
5 and they are feasible.
6 With that said, I always put it out there
7 that I'm willing to work with anybody that has an
8 alternative.
9 If one is coming in, I need to have a map
10 to some extent so that we can capture the area
11 because we have to be able to analyze and categorize
12 the impacts that will happen from that alternative
13 versus using the proposed project.
14 So whether it's tonight, via email, over
15 the phone, whatever it is, I'm more than happy to
16 work with folks in getting it on paper and working
17 out the details on things so that we can carry it
18 forward. Because as you can see on the slide on the
19 right-hand side, our staff has to go through and
20 essentially vet those alternatives that come in to
21 make sure that they're meeting the need of the
22 project, or they're actually mitigating an impact,
23 and that we can identify where they are on the
24 ground or where they would be. And then from a
25 feasibility perspective, we'll work with Xcel on

Page 32

1 How to comment. We're obviously out here
2 hoping somebody will talk to give us some comments.
3 So verbal comments tonight. This form is back there
4 on the table as well where you walked in. It's got
5 a spot right at the top, it's pretty simple, just
6 fill in your contact information, there's some space
7 at the bottom to write in comments. You fold it up,
8 it's got my name and address right on it, put a
9 stamp on it and it goes right to my box at work.
10 Also on that form, to tell people, even if you're
11 not going to comment tonight, you can fill it out
12 tonight if you want and hand it right to me as well.
13 But take it with you even if you think you might
14 comment because there's additional contact info on
15 there, my email is on there, the project website is
16 on there. There's all those questions that I just
17 read off are on part of it, so it's a pretty
18 informative piece of paper if you want one. Also,
19 again, mail or email. The comment period ends on
20 August 1st, just to remind everybody of that.
21 Those topics for comment, we'll put them
22 back up. And as far as giving comments or
23 questions, just some etiquette. One speaker at a
24 time. Our court reporter can only handle one person
25 talking at a time so she gets an accurate record.

Page 33

1 Be respectful of one another. Please state and
 2 spell your name for Janet, our court reporter. I
 3 normally limit things to five minutes, which I don't
 4 think is going to be a problem at the moment. And
 5 it's pretty helpful for us if you can try to direct
 6 your comments and questions to the scope of the EIS
 7 or route alternatives or system alternatives.
 8 And this one has a lot of info. It's got
 9 the August 1st date on it. It's got all those
 10 questions I mentioned before. It's got our website
 11 on there and how to comment online. If you go
 12 directly to the project website or web page on our
 13 website, there's a link right at the top that says
 14 Submit Comment and you click on it, it gives you a
 15 form that you can fill out, and that generates an
 16 email and sends it over to me and says there is a
 17 comment available for the project, so that's another
 18 way to do it as well.
 19 There's contact info for the PUC, myself,
 20 Ellen with Xcel, and some information on eDockets on
 21 there as well, and how to sign up for email
 22 notification if you want. So picking up this
 23 packet, that slide right there might be worth
 24 grabbing the whole thing if you really want to keep
 25 track of info for the project.

Page 35

1 comes up. And public participation options are
 2 missing in that handout, in the PowerPoint, because
 3 there are options for participating in the
 4 evidentiary hearing for a person, a public
 5 participant who can enter evidence, can testify, can
 6 submit briefing. This should be something that is
 7 told to people. People don't know what they can do.
 8 I hear so often, every day when I'm doing
 9 one of these, oh, we can't do anything. Well, there
 10 is a lot that you can do. And in this particular
 11 bunch of hearings, I've had clients going back 20
 12 years in segment one and segment two, it was like 17
 13 years, and we had the CapX people last night. You
 14 can do something and these people were evidence that
 15 they can have an impact. So people need to know
 16 what they can do. And so these options should be
 17 added in on that little process chart that's in the
 18 handout or PowerPoint.
 19 Also, after the ALJ issues a
 20 recommendation, people who are affected can file
 21 exceptions to that report. So people should know
 22 that and then somehow get a clue as to what
 23 exceptions are. Because this administrative process
 24 is really hard for people.
 25 And, also, it should -- as we go forward,

Page 34

1 With that, we'll open it up for questions
 2 and comments.
 3 Do you want to go right away, Carol?
 4 **MS. CAROL OVERLAND:** Sure. Carol
 5 Overland. O-V-E-R-L-A-N-D, it remains the same.
 6 I'm struggling trying to figure out what
 7 to say. This is number five, I missed number one.
 8 Anyway, the EIS should disclose and
 9 address that 161 Dairyland line that's east of the
 10 Chester segment on that slide with number four,
 11 where it goes to the east and then all of a sudden
 12 it just like ends. We really should know what
 13 happens after that.
 14 And the EIS should consider phased and
 15 connected actions, you know, if it's segmented, as I
 16 understand. Maybe I'm wrong about that. But
 17 something happens there off to the east of that
 18 segment four and that should be looked at in the
 19 EIS. Basic connected actions and cumulative impacts
 20 as well.
 21 And the timing of the Final EIS, I have
 22 said this before, but the timing of the EIS needs to
 23 come out before the public hearings, the evidentiary
 24 hearing and briefing. There isn't a scheduling
 25 order yet, but keep this in mind as the scheduling

Page 36

1 be really clear explaining there is an option for
 2 public participation, or a participant, that's a
 3 term of art, and intervention, and how that works,
 4 what people can do. Even though intervention is
 5 kind of disfavored these days, but it can be done.
 6 So that's it for today that I can think
 7 of. Thank you.
 8 **MR. RICH DAVIS:** Okay. Thank you.
 9 Alan, is it Muller, Muller?
 10 **MR. ALAN MULLER:** Good evening. My name
 11 is Alan Muller, A-L-A-N, Muller is M-U-L-L-E-R. And
 12 I'm a resident of Red Wing, Minnesota.
 13 My primary interest, my primary personal
 14 interest in this proceeding has got to do with the
 15 concept of system alternatives. I've probably been
 16 to a few meetings like this and observed the
 17 outcomes, and one tends to think that most of the
 18 time fundamentally different alternatives, no-build
 19 alternatives get pretty shortchanged as far as
 20 serious attention. So in looking at the scoping
 21 decision, that's a question in my mind.
 22 Now, I want to comment on a couple of
 23 things involving the wording of the draft scoping
 24 decision here. There is, on whatever page this is,
 25 it doesn't seem to be enumerated, the project

Page 37

1 purpose, quote, The proposed Mankato to Mississippi
2 River transmission project is needed to provide
3 reliable, resilient, and cost-effective delivery of
4 energy, and so on. That seems like promotional
5 language that must have come from the Applicant
6 rather than like a meaningful basis for a scoping
7 decision that would have substance to it. So I
8 certainly would object to that word and suggest you
9 change it.

10 Backing up a page and looking at segment
11 one, I note here that this is described as Mankato,
12 Wilmarth, et cetera.

13 Xcel Energy operates a garbage burner in
14 Mankato. This is by far the most dirty, expensive
15 and undesirable source of electrons on the Xcel
16 system. It is certainly a facility that should be
17 shut down rather than continued. And I would look
18 at this and ask myself, is there anything going on
19 here that would tend to support the continued
20 operation of that very dirty and undesirable
21 facility as opposed to encouraging the shutdown of
22 it.

23 I don't want more garbage burner
24 electrons on the system than I'm accustomed to, and
25 I won't make a long speech about that, but the

Page 39

1 about this and so I appreciate your attention.

2 **MR. RICH DAVIS:** Thank you.

3 I don't have anybody else on the list so
4 I'm going to open it up. If anybody would like to
5 come up and comment, just wave a hand up and I'll
6 bring you on up. No?

7 Okay.

8 **MR. MAURICE YOUNG:** Good evening. My
9 name is Maurice Young, M-A-U-R-I-C-E, Y-O-U-N-G.

10 I guess I would specifically want a
11 little more information, if you would be able to
12 share that this evening, on specifically, you know,
13 segment three on page 15, you know, talking mainly
14 about the Wabaco Junction to Kellogg. You know, I
15 guess I'd like to know, the Wabaco Junction, is that
16 actually what it is going to look like? Is there --
17 that's one question that I have. And then, you
18 know, from this, that junction to Kellogg, will
19 there be any change in easements? Because we are
20 adding -- yeah, go ahead, because we're just adding
21 one circuit.

22 **MS. ELLEN HEINE:** Yeah. And so that
23 term, Wabaco Junction, is something we made to
24 explain those points on the map. So there's not
25 something there, but at that point, where that

Page 38

1 garbage burner there is a converted 1940s coal plant
2 where it went from being a coal burner to something
3 worse, a garbage burner. We also have one of those
4 in Red Wing, which also conceivably might be
5 impacted.

6 By the way, as the transmission system
7 evolves, and it's my understanding that Xcel
8 indicates it plans to operate those facilities
9 indefinitely, and that is not something that should
10 be allowed or encouraged.

11 Now, another observation regarding the
12 draft scoping decision. I don't know why we have it
13 this way, but on the last page it says of the
14 alternatives proposed during the scoping process,
15 the following will not be included for further
16 study, and then there is no list of following items.
17 So it's difficult to react to that or to get a sense
18 of what Commerce's thinking or the PUC's thinking
19 is. And we don't have anything here to look at. So
20 I think that this draft scoping decision definitely
21 needs some work before it ought to continue to be
22 distributed to the public or represented as a
23 reasonable basis for proceeding with environmental
24 review.

25 And I think that's all I have to say

Page 40

1 161 kV line joins the 345, so from that point to the
2 river. That line was also built -- it's
3 double-circuited and 345 kV capable on both sides.
4 So those conductors will stay, the insulators and
5 conductors stay there. That Wabaco line, that is
6 the version that Dairyland Power has underway right
7 now, they're working on getting a route permit to
8 locate that in a different location, not adjacent to
9 that CapX line. So there will be a new route from
10 that point, basically, to Kellogg for that line, and
11 that's in a public process right now.

12 **MR. MAURICE YOUNG:** Right. I understand
13 that.

14 Can you tell me, is there any change in
15 easements on that section?

16 **MS. ELLEN HEINE:** On the existing 345
17 line?

18 **MR. MAURICE YOUNG:** Yeah.

19 **MS. ELLEN HEINE:** No.

20 **MR. MAURICE YOUNG:** There shouldn't be,
21 right?

22 **MS. ELLEN HEINE:** Nope.

23 **MR. MAURICE YOUNG:** I guess that's all I
24 have. Thank you.

25 **MR. SAM LOBBY:** Thank you.

1 **MR. RICH DAVIS:** Thank you.
2 All right. Anybody else?
3 Carol.
4 **MS. CAROL OVERLAND:** In following up on
5 that comment -- Carol Overland again.
6 Following up on that comment where it
7 reaches the river and goes across the river as far
8 as basic connected actions and cumulative impacts,
9 we should look into -- the EIS should look into and
10 disclose the plan going further east, whether it
11 goes right through Alma where it's going to go to
12 Tremval, identify where that is. Because it is all
13 connected, that's one of the basic premises of
14 transmission. So we should be looking at what this
15 means. You don't build it to the river and stop in
16 the middle of the river, that's not the way it goes.
17 So that's it.
18 **MR. RICH DAVIS:** And anybody else?
19 All right. If not, thank you for coming
20 out and taking the time to sit in.
21 If you have any comments, just remember
22 August 1st, get written comments in over mail or
23 email. If you have questions, contact Commission
24 staff or myself, or Logan, or he might get bored, so
25 you can give him a call, too.

1 But if you have any more questions, State
2 agency staff will be around for a little bit here
3 tonight and Xcel staff is around if you have any
4 questions from them for the project itself.
5 Thank you.
6 **MR. SAM LOBBY:** Thank you all for coming.
7 (Proceedings concluded at 6:57 p.m.)
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

	24:17	13:25;21:4;22:12;29:8; 30:10	bored (1) 41:24	capacity (2) 10:4;13:21
A	agenda (2) 6:15;24:16	areas (7) 7:22;13:23;16:14,15; 20:6;22:20;23:6	both (2) 19:22;40:3	capture (4) 29:5,15,15;30:10
able (8) 14:2;15:3;17:12;22:19; 27:22;30:11;31:10;39:11	ago (2) 6:2;19:2	around (4) 16:13;27:17;42:2,3	bottom (1) 32:7	captured (1) 29:24
accepted (1) 11:12	ahead (3) 3:2;26:12;39:20	art (1) 36:3	bounce (1) 31:1	CapX (7) 15:21,25;17:3;18:11; 19:2;35:13;40:9
access (6) 5:18;14:1;22:14,20,21; 23:10	Alan (3) 36:9,10,11	associated (1) 29:2	box (1) 32:9	Carol (6) 34:3,4,4;41:3,4,5
accommodate (1) 13:22	A-L-A-N (1) 36:11	assuming (2) 20:1;31:24	breakdown (1) 16:6	carried (1) 31:5
accurate (1) 32:25	ALJ (1) 35:19	attend (1) 4:14	brief (1) 13:5	carry (2) 29:6;30:17
accustomed (1) 37:24	allowed (1) 38:10	attention (3) 27:20;36:20;39:1	briefing (2) 34:24;35:6	case (1) 8:12
acquire (3) 20:13;21:2;31:10	Alma (1) 41:11	August (5) 4:22;5:6;32:20;33:9; 41:22	bring (2) 27:20;39:6	categories (1) 27:19
acquiring (1) 20:23	along (6) 14:25;15:16;23:4,8,9, 12	authority (1) 8:17	bringing (1) 22:23	categorize (1) 30:11
acronym (1) 7:17	alternative (17) 8:9;16:14;18:10;28:15, 25;29:17,19;30:2,8,12; 31:1,5,7,7,11,14,22	available (3) 18:3;24:13;33:17	broad (2) 26:3,4	centerline (1) 21:25
across (1) 41:7	alternatives (20) 24:20,21;25:20,22,25; 26:10,24;29:5,11,12,14; 30:20;31:12,13;33:7,7; 36:15,18,19;38:14	avoid (4) 8:8;25:5;26:5;28:23	broke (1) 15:15	certainly (2) 37:8,16
actions (3) 34:15,19;41:8	always (3) 6:25;19:6;30:6	avoided (2) 26:8;29:16	brought (1) 25:25	certificate (5) 10:2,6;19:21;26:1; 28:16
actually (6) 15:19;18:15;29:19; 30:22;31:15;39:16	amounts (1) 13:22	away (1) 34:3	brush (1) 26:4	cetera (1) 37:12
added (1) 35:17	analyses (2) 18:16,17	B	build (3) 10:22;28:7;41:15	Cezar (1) 6:20
adding (2) 39:20,20	Analysis (4) 24:11;25:3;27:5,14	back (7) 7:21;24:12;27:8,10; 32:3,22;35:11	building (1) 21:17	chain (1) 20:12
addition (1) 18:23	analyze (1) 30:11	Backing (1) 37:10	built (4) 11:3;17:13;31:9;40:2	chance (2) 8:20;12:16
additional (6) 18:16;20:12;23:16; 24:3;27:18;32:14	angles (1) 21:19	based (3) 11:25;14:20;15:16	bunch (1) 35:11	change (4) 21:15;37:9;39:19; 40:14
address (4) 23:20;29:2;32:8;34:9	anticipated (1) 29:13	Basic (3) 34:19;41:8,13	burner (5) 37:13,23;38:1,2,3	characteristics (1) 29:8
adds (1) 13:21	anticipating (1) 20:16	basically (2) 15:15;40:10	busy (1) 3:10	chart (1) 35:17
adequate (1) 9:16	Applicant (1) 37:5	basics (1) 10:21	bypass (1) 16:20	C
adjacent (2) 13:18;40:8	application (4) 11:11,12;15:7;18:11	basis (2) 37:6;38:23	call (5) 5:11;16:23;18:14; 20:12;41:25	Chester (3) 17:7,9;34:10
administrative (4) 9:2,3;12:10;35:23	applications (2) 8:15;19:22	begin (2) 20:5;22:22	called (1) 10:2	circled (1) 7:22
advocate (2) 25:7;26:14	appointed (1) 9:12	behalf (1) 25:1	came (2) 3:22;12:16	circuit (3) 17:16,18;39:21
affected (1) 35:20	appreciate (5) 3:5,9,21;6:12;39:1	better (1) 6:6	can (44) 4:20;5:15;6:7;7:1,8; 8:2,5;10:7;11:20,20; 12:17;23:17,21,24;24:2, 3;25:11,13,14;29:15; 30:2,10,17,18,23;31:9; 32:11,24;33:5,15;35:5,5, 5,7,10,14,15,16,20;36:4, 5,6;40:14;41:25	cities (1) 16:20
again (8) 4:9;5:5;25:15;26:2,14; 29:9;32:19;41:5	approved (1) 10:15	big (1) 11:16	capable (2) 17:13;40:3	civic (1) 3:21
against (3) 8:18;25:8;26:15	approximately (3) 10:22;16:17;18:5	bit (6) 15:8;16:5;18:12;24:16; 28:18;42:2		clear (1) 36:1
agencies (2) 26:20,22	April (3) 11:11;12:9,16	blown-up (1) 15:9		clearing (1) 22:14
Agency (2) 19:6;42:2	area (9) 6:6;7:20,24;12:4;	bolted (1) 23:2		click (1) 33:14
agency's (1)				clients (1) 35:11
				close (1) 16:21

<p>closer (1) 14:22</p> <p>closes (1) 5:5</p> <p>clue (1) 35:22</p> <p>CN (2) 28:17;31:12</p> <p>coal (2) 38:1,2</p> <p>coming (7) 3:4,9;4:24;6:12;30:9; 41:19;42:6</p> <p>comment (25) 4:17,21;5:1,5,8,9,10; 10:7;24:21;25:24;26:20; 28:2,7;32:1,11,14,19,21; 33:11,14,17;36:22;39:5; 41:5,6</p> <p>commenting (3) 4:23;8:6,7</p> <p>comments (22) 3:15,20;4:21,24;5:3,4; 6:7;7:11;11:17;12:12; 24:14,22;27:18;28:5; 32:2,3,7,22;33:6;34:2; 41:21,22</p> <p>Commerce (5) 5:13;7:7;8:23;24:9,25</p> <p>Commerce's (1) 38:18</p> <p>Commission (14) 3:7;5:16,25;6:17;8:14; 25:9;7:11;11:12;12:24; 25:1;28:17;31:8;41:23</p> <p>commissioners (8) 3:16,19;6:9,13;9:11,13; 25:11;26:10</p> <p>communities (1) 27:25</p> <p>compensated (1) 21:15</p> <p>complete (5) 10:11;11:13;20:4;22:9; 23:5</p> <p>completed (3) 20:18;22:21;23:5</p> <p>compliance (1) 22:9</p> <p>comprehensive (1) 12:3</p> <p>conceivably (1) 38:4</p> <p>concept (1) 36:15</p> <p>concluded (1) 42:7</p> <p>conclusions (1) 9:8</p> <p>conductor (1) 17:19</p> <p>conductors (2) 40:4,5</p>	<p>confer (1) 31:9</p> <p>confirmed (1) 9:12</p> <p>connect (1) 14:2</p> <p>connected (4) 34:15,19;41:8,13</p> <p>connects (1) 16:9</p> <p>consider (1) 34:14</p> <p>consideration (1) 8:10</p> <p>considered (4) 28:22,24;29:1,9</p> <p>consistent (1) 9:20</p> <p>consists (1) 9:11</p> <p>constructed (1) 31:24</p> <p>construction (7) 11:5;20:17;22:7,14,18, 22,24</p> <p>contact (11) 8:11;23:18,21,23,24; 24:3,4;32:6,14;33:19; 41:23</p> <p>contacted (1) 24:13</p> <p>contents (3) 27:6,11;28:8</p> <p>continue (2) 20:14;38:21</p> <p>continued (2) 37:17,19</p> <p>convenient (1) 4:20</p> <p>converted (1) 38:1</p> <p>coordinating (1) 19:11</p> <p>co-owners (1) 19:7</p> <p>copies (1) 5:20</p> <p>corridor (4) 16:9,12;17:1;21:4</p> <p>corridors (1) 14:5</p> <p>cost-effective (1) 37:3</p> <p>couple (1) 36:22</p> <p>course (1) 8:14</p> <p>court (3) 3:17;32:24;33:2</p> <p>co-worker (1) 24:11</p> <p>create (2) 14:7;22:19</p>	<p>creates (1) 14:1</p> <p>crew (1) 23:1</p> <p>crews (2) 23:11,14</p> <p>crisscross (1) 18:12</p> <p>crosses (1) 15:13</p> <p>crossing (1) 11:2</p> <p>crowd (1) 5:3</p> <p>cumulative (2) 34:19;41:8</p> <p>cure (1) 23:1</p> <p>currently (4) 15:25;17:5,16;18:21</p>	<p>described (1) 37:11</p> <p>detail (4) 10:20;28:19;29:6,15</p> <p>detailed (1) 16:6</p> <p>details (1) 30:17</p> <p>determined (1) 18:17</p> <p>develop (3) 14:10,16;27:2</p> <p>developing (3) 7:16,25;19:9</p> <p>development (2) 19:11,18</p> <p>different (11) 11:10;13:13;20:9; 23:12;28:13,13;31:14,16, 18;36:18;40:8</p> <p>difficult (2) 22:20;38:17</p> <p>digest (1) 12:8</p> <p>direct (2) 7:1;33:5</p> <p>direction (4) 8:3;11:21;12:15;23:13</p> <p>directly (2) 24:5;33:12</p> <p>dirty (2) 37:14,20</p> <p>disclose (2) 34:8;41:10</p> <p>discuss (1) 24:12</p> <p>disfavored (1) 36:5</p> <p>disperse (1) 13:23</p> <p>distributed (2) 31:18;38:22</p> <p>divided (1) 15:13</p> <p>DNR (1) 20:8</p> <p>docket (2) 5:16;18:1</p> <p>document (2) 25:11;27:9</p> <p>documents (1) 27:14</p> <p>domain (1) 31:10</p> <p>done (7) 4:4;7:9,19;11:19;12:3; 19:19;36:5</p> <p>double-circuit (1) 18:18</p> <p>double-circuited (1) 40:3</p> <p>down (3) 11:14;20:12;37:17</p>	<p>draft (5) 12:4;27:8;36:23;38:12, 20</p> <p>drill (2) 22:25,25</p> <p>during (2) 25:23;38:14</p> <p>duty (1) 3:21</p>
E				
<p>earlier (2) 19:23;31:13</p> <p>easement (5) 21:2,10,11,13;22:12</p> <p>easements (5) 20:6,21,24;39:19;40:15</p> <p>easily (1) 28:2</p> <p>east (6) 18:13;19:1;34:9,11,17; 41:10</p> <p>economic (1) 14:8</p> <p>eDockets (1) 33:20</p> <p>EERA (1) 24:11</p> <p>efficient (1) 9:17</p> <p>EIS (21) 7:17,17;11:22;24:19; 25:11;26:18;27:3;28:8, 22,25;29:1,9;31:6,22; 33:6;34:8,14,19,21,22; 41:9</p> <p>either (1) 21:25</p> <p>electricity (1) 9:15</p> <p>electrons (2) 37:15,24</p> <p>ELLEN (7) 13:4;24:7;33:20;39:22; 40:16,19,22</p> <p>else (5) 6:6;29:23;39:3;41:2,18</p> <p>email (9) 23:20,20;24:4;30:14; 32:15,19;33:16,21;41:23</p> <p>eminent (1) 31:10</p> <p>encouraged (1) 38:10</p> <p>encouraging (1) 37:21</p> <p>end (1) 11:13</p> <p>ends (2) 32:19;34:12</p> <p>Energy (12) 3:25;7:4;13:3,17,23;</p>				

<p>14:1;19:8,13;24:10; 31:18;37:4,13 engaged (1) 27:16 engagement (2) 19:19;20:15 engineering (2) 19:20;20:4 ensure (1) 9:16 enter (1) 35:5 entire (2) 7:23;12:4 enumerated (1) 36:25 environmental (21) 4:4;7:7,18;8:24,25; 11:18;12:4,23;14:14; 24:9,10,17,19,25;25:4,10, 16;26:3;27:13;28:21; 38:23 equally (1) 5:1 equipment (1) 22:22 essentially (6) 7:19;8:1;11:23;18:13; 27:2;30:20 et (1) 37:12 etiquette (1) 32:23 evaluating (1) 14:18 even (4) 5:9;32:10,13;36:4 evening (3) 36:10;39:8,12 everybody (1) 32:20 evidence (2) 35:5,14 evidentiary (2) 34:23;35:4 evolves (1) 38:7 exactly (2) 20:22;21:13 example (1) 28:13 exceptions (2) 35:21,23 Excuse (1) 10:24 exist (1) 6:3 existing (9) 14:4;16:8,24;17:12; 18:9,11,19;21:24;40:16 expand (1) 27:6 expect (1)</p>	<p>11:9 expensive (1) 37:14 explain (1) 39:24 explaining (1) 36:1 expressing (1) 28:3 extent (1) 30:10</p> <p style="text-align: center;">F</p> <p>facilitate (1) 9:4 facilities (5) 14:4,6;17:12;21:6;38:8 facility (3) 28:14;37:16,21 fact (1) 9:7 factual (2) 25:9;26:16 fair (1) 9:17 fairly (1) 28:10 falls (1) 31:2 familiar (1) 9:24 far (6) 18:23;19:9;32:22; 36:19;37:14;41:7 Faribault (5) 15:18,18;16:10,17,20 feasibility (2) 30:25;31:2 feasible (1) 30:5 federal (2) 26:19,22 feedback (4) 11:24,25;12:18;15:1 feel (1) 5:20 feet (9) 10:14;21:8,10,22,24, 25;22:1,4,6 few (2) 16:12;36:16 field (1) 14:21 figure (1) 34:6 file (1) 35:20 filed (3) 18:15,17;19:22 fill (3) 32:6,11;33:15 filling (1)</p>	<p>6:22 final (5) 12:22,25;20:3,4;34:21 find (2) 23:17;26:16 findings (1) 9:7 first (6) 6:16;10:1;15:17;22:15; 27:10;28:11 Fish (1) 20:8 five (4) 9:11,13;33:3;34:7 fold (1) 32:7 folks (4) 3:13;5:23;14:25;30:16 following (6) 6:23;16:8;38:15,16; 41:4,6 follows (1) 16:19 form (3) 32:3,10;33:15 formal (1) 12:12 forth (1) 9:7 forward (5) 28:8;29:6;30:18;31:6; 35:25 found (2) 5:15;15:3 foundation (2) 22:24;23:3 foundations (1) 23:1 four (8) 15:14,24;18:8,13,13, 15;34:10,18 free (1) 5:20 front (2) 5:2,20 fundamentally (1) 36:18 further (3) 23:9;38:15;41:10</p> <p style="text-align: center;">G</p> <p>garbage (4) 37:13,23;38:1,3 gas (1) 9:15 gather (1) 25:9 generates (1) 33:15 gets (3) 8:19;31:5;32:25 given (1)</p>	<p>10:2 gives (1) 33:14 giving (2) 28:2;32:22 goal (2) 13:9;25:9 goals (1) 13:15 goes (8) 8:4;12:15;25:18;32:9; 34:11;41:7,11,16 Good (2) 36:10;39:8 government (2) 8:13,15 governor (1) 9:12 grabbing (1) 33:24 grants (1) 20:2 greater (2) 10:14;14:1 green (1) 15:22 greenfield (1) 16:23 ground (2) 15:3;30:24 growth (1) 14:8 guess (3) 39:10,15;40:23 guide (1) 28:5</p> <p style="text-align: center;">H</p> <p>hand (3) 13:2;32:12;39:5 handle (1) 32:24 handout (2) 35:2,18 handouts (2) 24:1;27:8 happen (5) 11:9;12:21;29:25;30:1, 12 happening (2) 7:23;18:5 happens (2) 34:13,17 happy (1) 30:15 hard (1) 35:24 head (1) 27:16 hear (1) 35:8 heard (1)</p>	<p>8:20 hearing (6) 3:11;9:4;12:10,21; 34:24;35:4 Hearings (3) 9:3;34:23;35:11 heavier (1) 4:25 height (1) 21:22 Heine (8) 7:4;10:19;13:3,4; 39:22;40:16,19,22 help (10) 5:21;7:1;8:5;11:17,21; 12:14;27:15;28:5,7;29:5 helpful (5) 6:7,9;8:2;29:10;33:5 helping (1) 8:3 helps (3) 13:16,24;14:7 here's (1) 23:16 Hicks (1) 24:11 high (3) 7:14;10:3,12 hold (1) 12:9 holds (1) 6:1 hoping (1) 32:2 hotline (1) 23:22 house (3) 29:20,21,22 houses (2) 14:15,24 human (3) 25:3;26:2;28:20</p> <p style="text-align: center;">I</p> <p>idea (2) 27:12,17 ideas (1) 31:1 identification (1) 26:18 identified (5) 13:10;16:13;19:16,21; 26:9 identify (3) 22:11;30:23;41:12 identifying (3) 16:3;21:13;25:5 impact (12) 7:18;8:25;12:5,23; 24:19;25:16;29:13,19,22, 25;30:22;35:15 impacted (1)</p>
---	---	--	---	--

<p>38:5 impacts (17) 8:6,8;25:4,6,12;26:3,6, 8,12;27:15;28:21,23; 29:2;30:12;31:23;34:19; 41:8 important (8) 3:12;6:14;27:18,21,25; 29:12,18;30:3 improve (1) 13:24 improvement (1) 13:15 include (5) 8:9;25:19,21,24;26:18 included (7) 15:6;25:13,18;27:4,5, 13;38:15 increasing (1) 13:22 indefinitely (1) 38:9 independent (2) 9:18;13:10 indicates (1) 38:8 individual (1) 6:21 industries (1) 9:15 info (4) 32:14;33:8,19,25 information (26) 4:1,3,16;5:18;6:8,7;13; 8:12;11:14,19;14:15,20; 15:2,3;23:17,23,24;24:2, 3,5;25:9,10,19;26:16; 32:6;33:20;39:11 informative (1) 32:18 informed (2) 20:15;25:14 infrastructure (2) 14:6;21:16 initially (1) 14:12 input (7) 3:11;6:4,14;8:22; 12:14;26:23;27:21 install (2) 22:19;23:2 installed (1) 17:19 installing (1) 17:17 insulators (2) 17:18;40:4 intended (2) 27:15;28:4 interactive (1) 23:25 interchangeably (1) 20:22</p>	<p>interest (3) 9:21;36:13,14 interested (1) 28:6 intervention (2) 36:3,4 into (13) 4:19;5:22;10:18;15:13, 14,15;16:22;17:3;20:19; 25:10;31:6;41:9,9 involved (2) 8:13;18:3 involving (1) 36:23 Island (1) 15:20 issue (1) 12:24 issued (4) 12:5,6,23;22:8 issues (2) 8:16;35:19 items (2) 27:18;38:16 iterative (1) 14:11</p>	<p>10:13 kind (10) 8:19;11:9,15;14:11; 23:14;24:16;25:17; 27:16;31:13;36:5 knew (1) 14:12 kV (21) 11:1;15:10,24;16:3,9, 11,14,19;17:9,11,13,16; 18:8,9,19;21:8,9,21;22:3; 40:1,3</p>	<p>23:11 little (11) 6:19;11:8;15:8;16:5; 22:5;24:16;28:18,19; 35:17;39:11;42:2 live (2) 6:5;14:25 LOBBY (5) 3:1,6;6:17;40:25;42:6 local (5) 3:11;27:22,25,25;29:10 locals (1) 6:5 locate (1) 40:8 located (5) 17:9,17,24;22:12;23:22 location (7) 16:3;18:2;21:14;22:13; 23:11;31:19;40:8 locations (3) 16:22;18:10;22:17 Logan (2) 24:11;41:24 long (4) 6:20;12:2;16:7;37:25 long-range (1) 13:14 look (15) 12:8,18,19;14:22; 24:16;25:3;26:24;27:14; 28:17;31:23;37:17; 38:19;39:16;41:9,9 looked (5) 5:3;14:14,22;25:20; 34:18 looking (13) 7:23;12:14;14:19;25:2, 8;26:2,4,5;31:15,18; 36:20;37:10;41:14 lot (9) 3:16;11:19;14:14,17, 25;20:20;27:1;33:8; 35:10 low-cost (1) 14:1</p>	<p>Mankato (8) 3:24;11:1;13:7;15:12, 17;37:1,11,14 manner (1) 9:20 map (8) 14:18;15:10,22;18:20; 24:1;27:23;30:9;39:24 maps (4) 7:21;14:10,14;15:6 March (1) 12:5 materials (1) 22:23 mats (1) 22:18 matted (1) 22:19 MAURICE (6) 39:8,9;40:12,18,20,23 M-A-U-R-I-C-E (1) 39:9 may (6) 8:9;11:20;14:24;21:19; 27:17,22 Maybe (1) 34:16 meaningful (1) 37:6 means (1) 41:15 measures (1) 25:13 meet (3) 28:12;30:4;31:21 meeting (13) 3:2,4;2,11,15,19;5:17, 19,24;7:10,12;12:14,15; 30:21 meetings (7) 4:6,12,13;6:1;11:14; 25:23;36:16 member (1) 3:14 members (1) 9:14 mentioned (7) 11:15;17:2;18:25; 25:15;28:15;31:13;33:10 methods (2) 8:7;28:22 Midcontinent (1) 13:10 middle (3) 17:15;19:24;41:16 might (7) 23:11;27:18;28:5; 32:13;33:23;38:4;41:24 mile (1) 10:5 miles (1) 16:7 milestones (1)</p>
	<p style="text-align: center;">J</p> <p>Janet (1) 33:2 jobs (1) 14:7 joins (1) 40:1 judge (2) 9:3;12:11 July (1) 12:22 jump (1) 5:22 Junction (8) 17:7,7,9,22;39:14,15, 18,23 junctions (1) 17:16 June (2) 11:13;12:22</p>	<p style="text-align: center;">L</p> <p>LaCrosse (1) 17:3 land (7) 20:7,25,25;21:4,11,15; 31:11 landowners (4) 20:5;21:1,14;28:1 language (1) 37:5 last (4) 14:24;29:7;35:13; 38:13 late (1) 20:16 later (3) 8:12;9:4;12:9 law (3) 9:3,8;12:10 lead (3) 6:18,21;19:9 leave (1) 4:16 length (3) 10:5,14;22:2 lengths (1) 22:5 likes (1) 5:2 limit (1) 33:3 Line (52) 3:24;7:14;10:3,12,23, 24;11:1,3,14;13:20; 15:10,22,22,24,25;16:2,3, 9,14,19,21,25;17:5,7,9, 10,11,24,25,25;18:8,9,19, 19,20;19:7;20:19;21:8,9, 12,21;22:3;23:1;31:19, 24;34:9;40:1,2,5,9,10,17 lines (1) 25:1 link (1) 33:13 list (3) 26:8;38:16;39:3 listed (1) 23:19 literal (1)</p>	<p style="text-align: center;">M</p> <p>mail (2) 32:19;41:22 main (3) 9:23;14:12;24:24 mainly (1) 39:13 making (3) 21:14;26:13;29:24 management (1) 22:15 Manager (1) 24:10 manages (1) 8:24</p>	
	<p style="text-align: center;">K</p> <p>keep (2) 33:24;34:25 Kellogg (5) 11:2;15:12;39:14,18; 40:10 Kenyon (1) 16:21 kilovolt (3) 10:22,24;11:3 kilovolts (1) 10:4 kilowatts (1)</p>			

<p>15:16 mind (2) 34:25;36:21 minimize (4) 8:8;25:5;26:5;28:23 minimized (2) 29:16;30:2 Minnesota (9) 3:7;8:16;9:10;10:5; 11:2;13:17;19:5;24:8; 36:12 minutes (1) 33:3 MISO (2) 13:10;19:16 missed (2) 12:20;34:7 missing (1) 35:2 mission (1) 9:16 Mississippi (6) 3:24;11:1;13:8;15:12, 23;37:1 mitigate (6) 8:8;25:6;26:6;28:23; 29:2,19 mitigated (1) 29:17 mitigating (1) 30:22 mitigation (1) 25:13 mobilize (1) 22:22 moment (1) 33:4 Monday (2) 4:7,7 monitored (1) 23:20 month (2) 12:7,9 months (2) 9:5;12:2 more (26) 4:18,20;5:11;6:25; 8:12;10:4,4,8,13,20;12:7; 13:23;14:17;15:8;16:6, 15;21:3;22:20;23:17; 24:1,12;28:19;30:15; 37:23;39:11;42:1 most (5) 3:12;16:7;21:20;36:17; 37:14 mostly (1) 16:19 mouthful (1) 19:6 move (2) 18:10;28:8 moving (1) 29:22</p>	<p>much (1) 3:4 Muller (5) 36:9,9,10,11,11 M-U-L-L-E-R (1) 36:11 multiple (4) 5:7;23:8,11,13 multistep (1) 14:11 Municipal (1) 19:6 must (1) 37:5 myself (3) 33:19;37:18;41:24</p>	<p>north (8) 11:3;15:18,23;16:8,18, 18;17:4,8 note (2) 6:18;37:11 notice (2) 5:17,19 notification (1) 33:22 number (6) 18:1;19:3;23:22;34:7, 7,10 numbers (1) 5:16</p>	<p>22:23;23:3 open (5) 4:22;14:24;24:22;34:1; 39:4 operate (1) 38:8 operated (1) 17:14 operates (1) 37:13 operating (1) 10:12 operation (2) 21:12;37:20 Operator (1) 13:11 opportunity (3) 6:3;7:16;8:22 opposed (1) 37:21 option (3) 16:8,11;36:1 options (6) 15:5;18:16;26:11;35:1, 3,16 order (2) 9:22;34:25 organization (1) 13:12 ought (1) 38:21 out (22) 3:4,5,9,10;5:20;6:25; 12:17;14:21;23:17;26:7, 21;27:20;28:3;30:6,17; 31:4;32:1,11;33:15;34:6, 23;41:20 outcomes (1) 36:17 outline (1) 27:11 outside (1) 5:10 over (6) 6:19;13:2;16:17;30:14; 33:16;41:22 overall (1) 13:15 OVERLAND (4) 34:4,5;41:4,5 O-V-E-R-L-A-N-D (1) 34:5 oversight (1) 9:19 overview (1) 13:5 owned (1) 19:13</p>	<p>page (5) 33:12;36:24;37:10; 38:13;39:13 paid (1) 21:1 Panait (1) 6:21 paper (2) 30:16;32:18 parallel (2) 18:6;23:14 part (11) 11:16;13:12,15;14:2; 18:23;19:1;21:12,17,20; 28:16;32:17 participant (2) 35:5;36:2 participate (4) 3:11,22;7:8,16 participating (1) 35:3 participation (2) 35:1;36:2 particular (2) 5:14;35:10 partners (2) 19:3,8 parts (2) 15:1;16:11 party (2) 8:19;25:7 people (12) 4:23;20:15;32:10;35:7, 7,13,14,15,20,21,24;36:4 period (6) 4:21;5:5,10;25:24; 26:20;32:19 periods (1) 5:8 permanent (1) 20:24 permit (10) 10:11;11:4;15:14; 18:17;19:9,22;20:2;22:8, 9;40:7 permits (5) 8:16;20:7,9,12;26:18 permitted (6) 6:10,11,11;9:23;13:1; 18:1 permitting (5) 6:20;7:15;18:5;19:25; 24:18 person (3) 4:24;32:24;35:4 personal (1) 36:13 perspective (4) 29:10,18;30:25;31:3 phased (1) 34:14 phone (1) 30:15</p>
	N	<p>object (1) 37:8 objective (1) 25:2 observation (1) 38:11 observed (1) 36:16 obtain (1) 20:7 obviously (1) 32:1 occasion (1) 21:18 occur (1) 31:23 October (1) 11:22 off (4) 18:10;31:1;32:17; 34:17 Office (1) 9:3 official (1) 3:18 often (2) 23:13;35:8 once (6) 7:9;12:6;20:1,2;22:7, 21 one (38) 3:12;4:8,10,22;6:18; 10:5,6;14:18;15:14;16:7; 18:6,6;23:10,13;26:7,11, 17;27:1,8;28:11,20;29:7; 30:9;31:4;32:18,23,24; 33:1,8;34:7;35:9,12; 36:17;37:11;38:3;39:17, 21;41:13 ones (1) 13:20 online (2) 5:19;33:11 only (1) 32:24 onto (2)</p>	O	
			P	
				<p>packet (1) 33:23</p>

<p>picking (1) 33:22</p> <p>piece (2) 20:25;32:18</p> <p>pieces (1) 3:12</p> <p>Pine (1) 15:19</p> <p>place (3) 16:1;23:7,10</p> <p>placed (1) 20:19</p> <p>places (1) 23:8</p> <p>plan (1) 41:10</p> <p>planned (1) 11:5</p> <p>plans (1) 38:8</p> <p>plant (1) 38:1</p> <p>Please (1) 33:1</p> <p>plenty (1) 12:6</p> <p>pm (1) 42:7</p> <p>point (11) 14:18;20:2,13,18;26:7; 27:2,19;31:4;39:25;40:1, 10</p> <p>points (6) 13:19;14:13;17:6,18; 23:12;39:24</p> <p>pole (2) 21:18,21</p> <p>poles (3) 17:19,20;22:1</p> <p>populated (1) 16:15</p> <p>portion (9) 15:9;16:23;17:3,5,25; 18:9,19,25;20:24</p> <p>portions (1) 16:20</p> <p>possible (1) 18:18</p> <p>potential (11) 8:6,8;25:3,12,13;26:2; 27:15,22;28:20,23;29:2</p> <p>potentially (2) 29:16;30:1</p> <p>poured (1) 22:25</p> <p>Power (6) 17:24;18:2;19:4,6; 22:18;40:6</p> <p>PowerPoint (2) 35:2,18</p> <p>preliminary (2) 14:17;19:20</p> <p>premises (1)</p>	<p>41:13</p> <p>prepares (1) 8:25</p> <p>presentation (4) 5:23;6:16;7:3,9</p> <p>pretty (7) 26:3,4;29:10;32:5,17; 33:5;36:19</p> <p>primary (2) 36:13,13</p> <p>probably (2) 9:5;36:15</p> <p>problem (1) 33:4</p> <p>proceeding (2) 36:14;38:23</p> <p>proceedings (2) 19:10;42:7</p> <p>process (28) 3:22;5:8;6:2,20,20;7:4, 15;8:24;9:5,25;12:12; 14:9,11;18:5;19:18; 20:14;21:13;22:7,8;23:7, 15;24:15,18;28:17;35:17, 23;38:14;40:11</p> <p>processes (1) 11:10</p> <p>professional (1) 9:19</p> <p>Project (89) 3:25;4:3,5;5:14,14; 6:10,19,22,23;7:5,13,20, 22;8:7,18,18;9:1,9,22; 10:1,7,11,15,19,20,25; 11:4;12:25;13:6,8,9,9,14, 20;14:3,13,21;15:10,14; 17:4;18:3,21,24;19:1,2,8, 12,14,16,17;20:17,20; 21:17;23:8,12,18,19; 24:1,14,18;25:4,12,16,19; 26:15,23;28:12,13,21,24; 29:3,8,13;30:1,4,13,22; 31:9,15,16,20,21;32:15; 33:12,17,25;36:25;37:2; 42:4</p> <p>projects (2) 3:13;25:8</p> <p>promotional (1) 37:4</p> <p>property (1) 22:11</p> <p>proposed (27) 3:25;7:5;8:7;9:1,9; 10:18,25,25;11:6;13:21; 19:20;25:4,19,21,23; 26:23;28:21,24;29:3,8, 13;30:1,13;31:21,25; 37:1;38:14</p> <p>proposing (3) 8:9;10:21;16:1</p> <p>provide (14) 4:25;6:4;7:11,13,15; 8:11,22;9:6,18;12:17;</p>	<p>14:7;24:25;28:19;37:2</p> <p>providers (1) 9:20</p> <p>providing (3) 6:7,8;28:6</p> <p>Public (31) 3:7,14,15;4:1;5:12,15, 25,25;6:1,4,17;8:14;9:4, 10,21;11:14;12:9;14:23; 19:5,18;20:14;21:6; 25:23;26:21;27:16; 34:23;35:1,4;36:2;38:22; 40:11</p> <p>PUC (6) 4:6;15:7,15;18:7; 22:10;33:19</p> <p>PUC's (1) 38:18</p> <p>pulled (1) 27:24</p> <p>purpose (2) 7:12;37:1</p> <p>purposes (1) 13:13</p> <p>put (6) 3:16;25:10;29:21;30:6; 32:8,21</p>	<p>recommend (1) 24:20</p> <p>recommendation (1) 35:20</p> <p>recommendations (1) 9:8</p> <p>record (2) 5:15;32:25</p> <p>Red (2) 36:12;38:4</p> <p>refer (1) 28:14</p> <p>referring (1) 28:16</p> <p>refine (1) 15:4</p> <p>regarding (1) 38:11</p> <p>region (4) 13:16,18;14:7,8</p> <p>regional (1) 13:11</p> <p>regularly (1) 23:21</p> <p>regulate (1) 9:14</p> <p>regulating (1) 8:17</p> <p>regulation (1) 9:19</p> <p>regulatory (1) 19:15</p> <p>release (1) 11:24</p> <p>released (1) 11:23</p> <p>reliability (1) 13:24</p> <p>reliable (1) 37:3</p> <p>relocated (1) 17:11</p> <p>remain (1) 17:20</p> <p>remains (1) 34:5</p> <p>remember (2) 31:6;41:21</p> <p>remind (1) 32:20</p> <p>remove (1) 15:4</p> <p>removes (1) 22:16</p> <p>renewable (2) 13:23;14:1</p> <p>report (2) 9:6;35:21</p> <p>reporter (3) 3:17;32:24;33:2</p> <p>represented (1) 38:22</p> <p>requirements (1)</p>	<p>22:9</p> <p>requires (1) 10:5</p> <p>resident (1) 36:12</p> <p>resides (1) 15:25</p> <p>resiliency (1) 13:25</p> <p>resilient (1) 37:3</p> <p>resources (1) 27:22</p> <p>respectful (1) 33:1</p> <p>rest (1) 7:9</p> <p>restoration (1) 23:6</p> <p>restricted (1) 21:11</p> <p>review (11) 7:4,7;8:24;12:8,16; 19:25;24:9,10,17,25; 38:24</p> <p>reviewed (1) 18:7</p> <p>reviews (1) 8:15</p> <p>Rich (9) 5:12;7:6;10:8;24:6,8; 36:8;39:2;41:1,18</p> <p>right (26) 3:1;4:11;5:22;17:5; 20:21,24;21:3,7,23;22:4; 24:6;25:17;32:5,8,9,12; 33:13,23;34:3;40:6,11, 12,21;41:2,11,19</p> <p>right-hand (1) 30:19</p> <p>rights (3) 20:7;21:2,5</p> <p>River (13) 3:24;11:2;13:8;15:12, 23;17:5,23;37:2;40:2; 41:7,7,15,16</p> <p>roads (3) 14:15;21:5;22:19</p> <p>Rochester (7) 11:3;15:19,23;16:18; 17:4,8;19:5</p> <p>role (2) 24:17,24</p> <p>rough (1) 27:11</p> <p>rounds (1) 14:23</p> <p>route (26) 7:14;8:10,16;10:11; 15:1,5;16:18,22,24; 18:23;19:18,22;20:4; 24:20,20;25:22;28:25; 29:5,11,11;31:7,14,20;</p>
		Q		
			R	
		<p>quick (1) 28:10</p> <p>quote (1) 37:1</p>		
		<p>rates (1) 9:18</p> <p>rather (2) 37:6,17</p> <p>reach (1) 6:25</p> <p>reaches (1) 41:7</p> <p>reaching (1) 26:21</p> <p>react (1) 38:17</p> <p>read (4) 3:19,20;28:9;32:17</p> <p>really (13) 3:5,9,9,21,21;6:7,12, 12;20:10;33:24;34:12; 35:24;36:1</p> <p>reasonable (2) 9:18;38:23</p> <p>rebuilt (1) 17:14</p> <p>receive (1) 3:15</p> <p>recent (1) 18:23</p>		

<p>33:7;40:7,9 routes (12) 8:9;14:10,17;15:4; 19:20;20:3,11;25:21,22; 26:9;28:25;31:8 run (2) 11:1;15:11 runs (1) 15:17</p>	<p>sends (1) 33:16 sense (1) 38:17 separate (4) 10:23;18:1,4;28:18 September (2) 12:24;14:24 serious (1) 36:20 seriously (1) 6:13 service (4) 9:15,20;11:6;20:19 services (1) 9:17 servicing (1) 13:13 sets (1) 27:4 setting (1) 9:7 several (3) 12:2,7;13:13 shape (4) 8:3;11:18,21;12:14 share (1) 39:12 sharp (1) 21:19 shortchanged (1) 36:19 shorter (1) 22:5 showed (1) 15:9 shown (2) 18:20,22 shut (1) 37:17 shutdown (1) 37:21 side (6) 17:10,24;19:1;21:25; 26:1;30:19 sides (1) 40:3 sign (1) 33:21 similar (2) 13:20;17:23 simple (1) 32:5 simply (1) 29:20 single (2) 21:18,21 sit (1) 41:20 site (2) 8:16;22:24 sites (1) 14:22</p>	<p>situation (1) 17:23 size (3) 28:13;31:16,18 slide (7) 25:17;26:17;28:18; 29:4;30:18;33:23;34:10 smaller (1) 16:15 soil (1) 22:10 somebody (4) 5:2;28:2;29:23;32:2 somebody's (1) 29:22 somehow (1) 35:22 sometime (1) 20:18 sometimes (2) 4:23;20:9 somewhat (1) 20:22 somewhere (2) 27:23,24 sort (1) 10:8 sorts (1) 3:13 source (1) 37:15 south (2) 16:10,22 Southern (1) 19:5 space (1) 32:6 span (1) 22:5 spans (2) 21:25;22:6 speak (2) 5:3;8:20 speaker (1) 32:23 speaking (1) 4:24 specific (1) 20:25 specifically (3) 26:9;39:10,12 speech (1) 37:25 spell (1) 33:2 spoke (1) 14:25 spot (1) 32:5 spots (1) 16:12 staff (6) 3:14;9:14;30:19;41:24;</p>	<p>42:2,3 stakeholder (2) 19:19;20:14 staking (1) 22:11 stamp (1) 32:9 standard (1) 27:13 standpoint (1) 25:6 start (4) 11:5;20:17;22:10,24 started (2) 3:3;19:17 starting (2) 4:7;23:10 state (7) 20:1,1,2;26:19,22;33:1; 42:1 stated (1) 28:12 statement (6) 7:18;9:1;12:5,23; 24:19;25:17 State's (1) 7:14 stay (2) 40:4,5 steel (2) 21:18,21 still (1) 29:21 stop (1) 41:15 strategies (2) 25:5;26:5 stringing (1) 23:3 structure (2) 21:20;22:13 structures (6) 16:1,2;18:11;21:18; 22:6;23:2 struggling (1) 34:6 study (14) 4:4;7:19,23;8:1,3; 11:18,21;12:1,3,15,17; 18:23;31:22;38:16 stuff (3) 5:18;21:6;22:21 sub (1) 16:10 submit (5) 3:20;4:21;5:4;33:14; 35:6 submitted (3) 11:11;15:7;30:3 substance (1) 37:7 substation (6) 15:11,19,23;16:17;</p>	<p>17:4,8 sudden (1) 34:11 suggest (4) 27:17;29:5;31:5;37:8 suggested (1) 29:14 support (2) 13:17;37:19 sure (6) 8:19;20:15;21:14; 29:24;30:21;34:4 surveys (1) 22:11 System (15) 13:11,15,22,24,25; 14:2;25:25;28:15;31:12, 16;33:7;36:15;37:16,24; 38:6</p>
S				
<p>safe (2) 9:16;21:12 SAM (10) 3:1,6;6:16;13:4;15:9; 19:14;25:15;28:15; 40:25;42:6 same (7) 4:9,15;5:4;20:23;23:8, 14;34:5 schedule (3) 11:6;19:14,15 schedules (1) 3:10 scheduling (2) 34:24,25 scope (4) 7:17,25;27:3;33:6 scoping (12) 11:23,25;18:15;24:18; 27:9;28:7;36:20,23;37:6; 38:12,14,20 second (6) 4:15;12:18;16:2;17:10, 17,24 section (2) 17:15;40:15 secure (1) 20:6 seem (1) 36:25 seems (1) 37:4 segment (21) 15:17,21,24;16:7,16, 18,23;17:2;18:8,13,13; 19:24;25:22;29:11;31:7; 34:10,18;35:12,12;37:10; 39:13 segmented (1) 34:15 segments (8) 8:10;14:17;15:14,16; 19:7,12;24:21;29:1 select (1) 26:11 selected (3) 20:4,11;31:7 selection (1) 26:13 Senate (1) 9:13</p>	T			
<p>table (5) 27:5,9,11;28:7;32:4 talk (11) 3:23;4:1,3;7:5,7;10:8, 19;20:20,21,23;32:2 talked (2) 19:15;21:7 talking (4) 21:1,16;32:25;39:13 tapped (1) 17:3 team (2) 14:14,21 telephone (1) 9:16 ten (2) 9:5;19:2 tend (2) 23:12;37:19 tends (1) 36:17 term (3) 21:3;36:3;39:23 terms (1) 9:23 terrain (1) 21:23 testify (1) 35:5 Thanks (1) 13:4 thinking (2) 38:18,18 third (2) 11:13;25:7 though (2) 5:7;36:4 three (4) 9:14;15:21;17:2;39:13 throughout (8) 5:8;9:25;13:16,18,25;</p>				

<p>14:6;20:13;23:15 timeline (1) 11:8 times (2) 4:10;20:21 timing (3) 31:17;34:21,22 today (4) 3:5,8;4:10;36:6 told (1) 35:7 tomorrow (2) 4:11,13 tone (1) 27:4 tonight (19) 3:17,22,23,25;4:16; 5:24;6:4,12,15,22;8:21; 11:15,16,24;30:14;32:3, 11,12;42:3 tonight's (1) 7:12 took (1) 15:2 top (2) 32:5;33:13 topics (1) 32:21 towards (1) 27:10 towns (1) 16:13 track (1) 33:25 transcript (2) 3:18,19 Transmission (20) 3:24;7:14;10:3,12,23; 13:8,11,14,20,21;14:4,5; 16:12,24,25;25:1;31:19; 37:2;38:6;41:14 tree (1) 22:14 trees (1) 22:16 Tremval (1) 41:12 tribes (1) 26:22 try (1) 33:5 trying (3) 26:15;27:2;34:6 tune (1) 4:19 two (13) 4:7,9,11;9:23;10:16,16; 14:23;16:16,23;17:6,15, 18;35:12 two-pole (1) 21:19 type (3) 6:2;28:14;31:17</p>	<p>types (2) 6:1;20:9 typical (2) 21:21;22:7 typically (8) 20:8;21:8,9;22:1,4,10; 23:7;27:12</p> <p style="text-align: center;">U</p> <p>ultimately (1) 25:9 unavoidable (1) 26:12 under (2) 5:16;17:25 underway (2) 20:1;40:6 undesirable (2) 37:15,20 unique (1) 29:7 unit (2) 8:15;24:11 units (1) 8:13 up (19) 3:8;5:2;19:17;24:22; 25:25;27:24;32:7,22; 33:21,22;34:1;35:1; 37:10;39:4,5,6;41:4,6 updating (1) 14:6 upgrading (1) 14:5 use (3) 17:12,21;21:15 used (2) 14:16;21:5 uses (1) 21:11 using (4) 14:14;29:17;30:2,13 Utilities (8) 3:7;5:12,15,25;6:17; 8:14;9:10;19:5 utility (3) 9:17,19;19:3 utilizes (1) 16:11 utilizing (1) 14:4</p> <p style="text-align: center;">V</p> <p>varies (1) 21:22 vegetation (1) 22:15 verbal (1) 32:3 verification (1) 14:21</p>	<p>version (1) 40:6 versus (1) 30:13 vet (1) 30:20 via (2) 24:4;30:14 viable (1) 15:5 virtual (3) 4:12,13,19 voice (2) 6:2;8:20 voltage (4) 7:14;10:3,12,13</p> <p style="text-align: center;">W</p> <p>Wabaco (6) 17:7,22;39:14,15,23; 40:5 walked (2) 27:10;32:4 wave (1) 39:5 way (11) 8:5;15:16;20:21;21:3, 8,23;22:4;33:18;38:6,13; 41:16 ways (3) 21:5;23:17;28:11 web (1) 33:12 website (9) 5:16;18:21;23:19,25; 24:4;32:15;33:10,12,13 week (1) 4:6 weeks (1) 12:7 weight (1) 3:16 weighted (2) 4:25;5:1 welcome (4) 4:14,18;5:11;6:25 west (3) 16:10,17;18:14 western (1) 19:12 wetter (1) 22:17 what's (3) 25:18;27:4,5 whole (4) 15:10;31:15,20;33:24 wide (1) 21:8 width (3) 21:10,24;22:4 Wildlife (1) 20:9</p>	<p>willing (1) 30:7 Wilmarth (3) 15:11;16:9;37:12 Wing (2) 36:12;38:4 wire (1) 23:4 Wisconsin (1) 15:13 within (2) 21:10,11 without (1) 28:2 wonder (1) 4:23 word (1) 37:8 wording (1) 36:23 work (7) 23:13;26:21;30:7,16, 25;32:9;38:21 workaround (1) 29:17 working (5) 13:16;19:3,10;30:16; 40:7 works (1) 36:3 worse (1) 38:3 worth (1) 33:23 wrap (1) 27:16 write (1) 32:7 writing (2) 25:16;27:7 written (6) 3:20;4:21,21;5:1,4; 41:22 wrong (1) 34:16</p> <p style="text-align: center;">X</p> <p>Xcel (15) 3:25;7:4;10:19,21; 13:3;19:8,13;25:22; 30:25;31:10;33:20;37:13, 15;38:7;42:3</p> <p style="text-align: center;">Y</p> <p>year (5) 6:19,23;11:22;14:24; 19:23 years (3) 19:2;35:12,13 Yep (1) 13:5</p>	<p>yesterday (1) 4:9 YOUNG (6) 39:8,9;40:12,18,20,23 Y-O-U-N-G (1) 39:9</p> <p style="text-align: center;">1</p> <p>1:00 (1) 4:8 100 (4) 10:13;21:9,22;22:4 11:00 (2) 4:8,8 115 (1) 16:9 1200 (1) 22:1 130-mile (1) 10:22 15 (1) 39:13 150 (3) 21:8,22,24 1500 (1) 10:14 161 (13) 10:23;11:2;15:24;16:3; 17:9,11;18:8,9,19;21:9; 22:3;34:9;40:1 17 (1) 35:12 1940s (1) 38:1 1st (5) 4:22;5:6;32:20;33:9; 41:22</p> <p style="text-align: center;">2</p> <p>20 (1) 35:11 2020 (2) 15:21;19:2 2022 (1) 19:15 2023 (1) 14:24 2024 (3) 11:12,13;19:25 2025 (3) 12:5,22,24 2026 (3) 11:5;19:25;20:16 2030 (3) 11:7;20:18,19 20-mile (1) 10:23 22-532 (1) 5:16 23 (1) 19:17</p>
---	---	---	---	--

23-157 (1) 5:17				
3				
300 (2) 10:4;22:5 345 (14) 10:22;11:1;15:10;16:2; 17:10,13,14,16;21:8,21, 24;40:1,3,16				
4				
40 (1) 16:7				
5				
500 (1) 22:6				
6				
6:00 (2) 3:2;4:8 6:57 (1) 42:7 69 (3) 16:11,14,19				
7				
75 (1) 21:25				
8				
8:00 (1) 4:8 80 (3) 9:14;21:9;22:4 800 (1) 22:1				

In The Matter Of:

*Mankato-Mississippi River 345 kV TL Project
Info & Scoping - 22-532 & 23-157*

VIRTUAL - 7-11-24 - 6:00 P.M.

July 11, 2024

Virtual - 7-11-24 - 6:00 p.m.

Shaddix & Associates

7400 Lyndale Avenue South

Suite 190

Richfield, MN 55423

Page 1

1 PUBLIC INFORMATION AND
 2 ENVIRONMENTAL IMPACT STATEMENT (EIS) SCOPING MEETING
 3 July 11, 2024 - 6:00 p.m.
 4 MINNESOTA DEPARTMENT OF COMMERCE
 5 AND THE MINNESOTA PUBLIC UTILITIES COMMISSION
 6
 7 In the Matter of the Application of Xcel Energy for a
 8 Certificate of Need and Route Permit for the Mankato -
 9 Mississippi River 345 kV Transmission Line Project in
 10 Southeast Minnesota
 11
 12
 13
 14
 15 DOCKET NO. E002/CN-22-532, E002/TL-23-157
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525
 526
 527
 528
 529
 530
 531
 532
 533
 534
 535
 536
 537
 538
 539
 540
 541
 542
 543
 544
 545
 546
 547
 548
 549
 550
 551
 552
 553
 554
 555
 556
 557
 558
 559
 560
 561
 562
 563
 564
 565
 566
 567
 568
 569
 570
 571
 572
 573
 574
 575
 576
 577
 578
 579
 580
 581
 582
 583
 584
 585
 586
 587
 588
 589
 590
 591
 592
 593
 594
 595
 596
 597
 598
 599
 600
 601
 602
 603
 604
 605
 606
 607
 608
 609
 610
 611
 612
 613
 614
 615
 616
 617
 618
 619
 620
 621
 622
 623
 624
 625
 626
 627
 628
 629
 630
 631
 632
 633
 634
 635
 636
 637
 638
 639
 640
 641
 642
 643
 644
 645
 646
 647
 648
 649
 650
 651
 652
 653
 654
 655
 656
 657
 658
 659
 660
 661
 662
 663
 664
 665
 666
 667
 668
 669
 670
 671
 672
 673
 674
 675
 676
 677
 678
 679
 680
 681
 682
 683
 684
 685
 686
 687
 688
 689
 690
 691
 692
 693
 694
 695
 696
 697
 698
 699
 700
 701
 702
 703
 704
 705
 706
 707
 708
 709
 710
 711
 712
 713
 714
 715
 716
 717
 718
 719
 720
 721
 722
 723
 724
 725
 726
 727
 728
 729
 730
 731
 732
 733
 734
 735
 736
 737
 738
 739
 740
 741
 742
 743
 744
 745
 746
 747
 748
 749
 750
 751
 752
 753
 754
 755
 756
 757
 758
 759
 760
 761
 762
 763
 764
 765
 766
 767
 768
 769
 770
 771
 772
 773
 774
 775
 776
 777
 778
 779
 780
 781
 782
 783
 784
 785
 786
 787
 788
 789
 790
 791
 792
 793
 794
 795
 796
 797
 798
 799
 800
 801
 802
 803
 804
 805
 806
 807
 808
 809
 810
 811
 812
 813
 814
 815
 816
 817
 818
 819
 820
 821
 822
 823
 824
 825
 826
 827
 828
 829
 830
 831
 832
 833
 834
 835
 836
 837
 838
 839
 840
 841
 842
 843
 844
 845
 846
 847
 848
 849
 850
 851
 852
 853
 854
 855
 856
 857
 858
 859
 860
 861
 862
 863
 864
 865
 866
 867
 868
 869
 870
 871
 872
 873
 874
 875
 876
 877
 878
 879
 880
 881
 882
 883
 884
 885
 886
 887
 888
 889
 890
 891
 892
 893
 894
 895
 896
 897
 898
 899
 900
 901
 902
 903
 904
 905
 906
 907
 908
 909
 910
 911
 912
 913
 914
 915
 916
 917
 918
 919
 920
 921
 922
 923
 924
 925
 926
 927
 928
 929
 930
 931
 932
 933
 934
 935
 936
 937
 938
 939
 940
 941
 942
 943
 944
 945
 946
 947
 948
 949
 950
 951
 952
 953
 954
 955
 956
 957
 958
 959
 960
 961
 962
 963
 964
 965
 966
 967
 968
 969
 970
 971
 972
 973
 974
 975
 976
 977
 978
 979
 980
 981
 982
 983
 984
 985
 986
 987
 988
 989
 990
 991
 992
 993
 994
 995
 996
 997
 998
 999
 1000
 1001
 1002
 1003
 1004
 1005
 1006
 1007
 1008
 1009
 1010
 1011
 1012
 1013
 1014
 1015
 1016
 1017
 1018
 1019
 1020
 1021
 1022
 1023
 1024
 1025
 1026
 1027
 1028
 1029
 1030
 1031
 1032
 1033
 1034
 1035
 1036
 1037
 1038
 1039
 1040
 1041
 1042
 1043
 1044
 1045
 1046
 1047
 1048
 1049
 1050
 1051
 1052
 1053
 1054
 1055
 1056
 1057
 1058
 1059
 1060
 1061
 1062
 1063
 1064
 1065
 1066
 1067
 1068
 1069
 1070
 1071
 1072
 1073
 1074
 1075
 1076
 1077
 1078
 1079
 1080
 1081
 1082
 1083
 1084
 1085
 1086
 1087
 1088
 1089
 1090
 1091
 1092
 1093
 1094
 1095
 1096
 1097
 1098
 1099
 1100
 1101
 1102
 1103
 1104
 1105
 1106
 1107
 1108
 1109
 1110
 1111
 1112
 1113
 1114
 1115
 1116
 1117
 1118
 1119
 1120
 1121
 1122
 1123
 1124
 1125
 1126
 1127
 1128
 1129
 1130
 1131
 1132
 1133
 1134
 1135
 1136
 1137
 1138
 1139
 1140
 1141
 1142
 1143
 1144
 1145
 1146
 1147
 1148
 1149
 1150
 1151
 1152
 1153
 1154
 1155
 1156
 1157
 1158
 1159
 1160
 1161
 1162
 1163
 1164
 1165
 1166
 1167
 1168
 1169
 1170
 1171
 1172
 1173
 1174
 1175
 1176
 1177
 1178
 1179
 1180
 1181
 1182
 1183
 1184
 1185
 1186
 1187
 1188
 1189
 1190
 1191
 1192
 1193
 1194
 1195
 1196
 1197
 1198
 1199
 1200
 1201
 1202
 1203
 1204
 1205
 1206
 1207
 1208
 1209
 1210
 1211
 1212
 1213
 1214
 1215
 1216
 1217
 1218
 1219
 1220
 1221
 1222
 1223
 1224
 1225
 1226
 1227
 1228
 1229
 1230
 1231
 1232
 1233
 1234
 1235
 1236
 1237
 1238
 1239
 1240
 1241
 1242
 1243
 1244
 1245
 1246
 1247
 1248
 1249
 1250
 1251
 1252
 1253
 1254
 1255
 1256
 1257
 1258
 1259
 1260
 1261
 1262
 1263
 1264
 1265
 1266
 1267
 1268
 1269
 1270
 1271
 1272
 1273
 1274
 1275
 1276
 1277
 1278
 1279
 1280
 1281
 1282
 1283
 1284
 1285
 1286
 1287
 1288
 1289
 1290
 1291
 1292
 1293
 1294
 1295
 1296
 1297
 1298
 1299
 1300
 1301
 1302
 1303
 1304
 1305
 1306
 1307
 1308
 1309
 1310
 1311
 1312
 1313
 1314
 1315
 1316
 1317
 1318
 1319
 1320
 1321
 1322
 1323
 1324
 1325
 1326
 1327
 1328
 1329
 1330
 1331
 1332
 1333
 1334
 1335
 1336
 1337
 1338
 1339
 1340
 1341
 1342
 1343
 1344
 1345
 1346
 1347
 1348
 1349
 1350
 1351
 1352
 1353
 1354
 1355
 1356
 1357
 1358
 1359
 1360
 1361
 1362
 1363
 1364
 1365
 1366
 1367
 1368
 1369
 1370
 1371
 1372
 1373
 1374
 1375
 1376
 1377
 1378
 1379
 1380
 1381
 1382
 1383
 1384
 1385
 1386
 1387
 1388
 1389
 1390
 1391
 1392
 1393
 1394
 1395
 1396
 1397
 1398
 1399
 1400
 1401
 1402
 1403
 1404
 1405
 1406
 1407
 1408
 1409
 1410
 1411
 1412
 1413
 1414
 1415
 1416
 1417
 1418
 1419
 1420
 1421
 1422
 1423
 1424
 1425
 1426
 1427
 1428
 1429
 1430
 1431
 1432
 1433
 1434
 1435
 1436
 1437
 1438
 1439
 1440
 1441
 1442
 1443
 1444
 1445
 1446
 1447
 1448
 1449
 1450
 1451
 1452
 1453
 1454
 1455
 1456
 1457
 1458
 1459

Page 5

1 as you see up on the screen there. And I like to
 2 also say before I get into the presentation here,
 3 folks often aren't familiar with the Public
 4 Utilities Commission, but we are here today to give
 5 the public a voice for your opportunity to speak on
 6 this project and if you have any comments or
 7 questions or concerns or anything you would like to
 8 share. Decades ago, this wasn't part of the process
 9 but now we've -- it's been realized that it's really
 10 useful and important to have that local input and
 11 that can help a lot with informing the
 12 decision-making process. So your presence and
 13 attendance is greatly appreciated. We don't
 14 advocate for or against any projects. We are just
 15 here to provide a forum for different parties to
 16 share their piece, and today is an opportunity for
 17 you all with the public to share your piece.
 18 So with that, I will get into the
 19 presentation, so just a brief overview of what we're
 20 covering today. I'm Sam Lobby with the Public
 21 Utilities Commission. Trevor Culbertson is the
 22 public advisor for this project, so you can reach
 23 out to him with any questions or myself. I will say
 24 that I am filling in for Cezar Panait. He is
 25 actually the lead on this project but he is away

Page 7

1 study process, the environmental review process that
 2 takes place that we look at the entire project area
 3 for human and environmental impacts and things that
 4 would be significant in making a decision on the
 5 project. So when we talk about developing the scope
 6 of that, what we mean by that is, we have to decide
 7 what that study is going to include. And so a huge
 8 part of tonight is getting feedback from you all
 9 from the folks that live in the project area that
 10 know the area the best to help us shape what we're
 11 going to study. So your comments can be really
 12 useful for us to help decide what direction that
 13 environmental study is going to go.
 14 So the things that can be useful to get
 15 feedback on are commenting on things like potential
 16 impacts of the proposed project, as well as comments
 17 on how to -- on methods to minimize, mitigate, and
 18 avoid potential impacts. And that may include
 19 proposing an alternative route or route segment for
 20 consideration. We'll also -- throughout this
 21 presentation, you'll see contact information,
 22 especially towards the end. And so we'll try to
 23 make it as easy as possible if you ever want to get
 24 in touch with us.
 25 So the government units involved in this

Page 6

1 right now. So this process can last, you know, a
 2 year or longer so if this is something that you're
 3 going to be following in the future, you'll see
 4 Cezar's name. With that said, you're still more
 5 than welcome to reach out to me with any questions.
 6 After I give, kind of, quick details of how the
 7 review process goes, then next Ellen Heine with Xcel
 8 Energy will discuss the proposed project. And then
 9 after that, Rich Davis with the Department of
 10 Commerce will talk about opportunities to comment
 11 and how the environmental review process works and
 12 all of that. Then once we've gone through our
 13 presentation, the remainder of the -- of this
 14 session will be an opportunity for public questions
 15 and comments.
 16 So the purpose of this meeting is to
 17 provide information about the proposed project, as
 18 well as to provide information about the state's
 19 high-voltage transmission line route permitting
 20 process. This is -- we're here tonight to provide
 21 you an opportunity to participate in developing the
 22 scope of the EIS. So scope of the EIS might sound
 23 unfamiliar to a lot of folks. EIS is an acronym for
 24 Environmental Impact Statement. And the
 25 Environmental Impact Statement is essentially the

Page 8

1 process are, of course, the Public Utilities
 2 Commission. We're the government unit that reviews
 3 applications and issues Site and Route Permits in
 4 Minnesota. The Department of Commerce -- excuse me
 5 -- manages the environmental review process for the
 6 Commission and prepares the Environmental Impact
 7 Statement on the proposed project. An
 8 administrative law judge from the Office of
 9 Administrative Hearings will facilitate a public
 10 hearing later on in this process and provide a
 11 report to the Commission setting forth findings of
 12 fact, conclusions of law, and recommendations on the
 13 proposed project. Also additionally, I'll mention
 14 that these are the main government units that are
 15 involved in the actual permitting, but there are
 16 many other government agencies involved. In
 17 particular, we try to do our best to work with local
 18 governments because, again, folks that are in the
 19 project area on the ground are going to know the
 20 most about the area. So we want to make sure that
 21 they are included and involved in a lot of that
 22 process as much as possible. Additionally, there is
 23 a number of different state agencies that are going
 24 to be involved like the Department of
 25 Transportation, Department of Natural Resources, the

Page 9

1 Pollution Control Agency, and potentially others,
2 whether they're providing us information to help
3 complete the Environmental Impact Statement or later
4 on, if a permit is granted, those -- those agencies
5 might have permits specific to the project. So if,
6 for example, if a line is going to impact Department
7 of Transportation roads, then they may have certain
8 permits that the company needs to follow. There
9 could potentially be federal agencies as well, but
10 usually local and state are going to be the ones you
11 see the most of.

12 So a little background on who the Public
13 Utilities Commission is. We consist of five
14 commissioners and about 80 staff members. The
15 commissioners are appointed by the Governor and
16 confirmed by the State Senate. We regulate three
17 service industries, electricity, natural gas, and
18 telephone. Our mission is to ensure safe, adequate,
19 and efficient utility services at fair and
20 reasonable rates, and we provide independent
21 professional oversight and regulation of utility
22 service providers in a manner that is consistent
23 with the public interest.

24 So the project requirements for this,
25 there is a couple of things that -- that the

Page 11

1 and the project is scheduled to be in service by
2 2030.

3 So I just want to give you a snapshot of
4 what to expect here and how long this process will
5 take, the important milestones, and your
6 opportunities to comment. You will see on the right
7 where it says Minnesota Public Utilities Commission
8 Full Process, in the little red balloons there, it
9 says: Time for Public Comments. There is multiple
10 periods where you'll have times -- a chance to
11 officially comment publicly like tonight. I will
12 say, again, you're always more than welcome to reach
13 out with questions whenever you have them even if
14 it's outside of a comment period. We do try to get
15 folks to submit comments on time just so that we can
16 incorporate that into that part of the process. But
17 even if it's outside of a comment period, though,
18 you can contact us with questions and things like
19 that.

20 So on the left there is the timeline. The
21 application was submitted at the beginning of April
22 of this year and accepted by the Commission at the
23 end of June. The third line down are the public
24 information meetings that we're holding today. So,
25 again, I'll just say, at this meeting today, what

Page 10

1 applicant will need to receive from the Public
2 Utilities Commission in order to actually build this
3 transmission line. So there's two, kind of, terms,
4 technical terms that you'll see come up throughout
5 the process. So these are important terms to know,
6 to be aware of. So one is the Certificate of Need,
7 so the need or the purpose for the project. And so
8 a Certificate of Need is something that is required
9 for any high-voltage transmission line with a
10 capacity of 300 kilovolts or more with more than one
11 mile of length in Minnesota. And then it would also
12 require a Route Permit, which is any high-voltage
13 transmission line operating at a nominal voltage of
14 100 kilovolts or more and greater than 1500 feet in
15 length.

16 So I'll just quickly touch on the proposed
17 project. Ellen will cover of what's actually taking
18 place, give you more details on that. But Xcel is
19 proposing to build a new approximately 130 mile, 345
20 kilovolt transmission line and a separate, new
21 20-mile 161 kilovolt line. The proposed 345 kV line
22 will run from Mankato to Mississippi River crossing
23 near Kellogg, Minnesota. And the 161 kV line will
24 be built north of Rochester. If a permit is
25 granted, construction is planned to start in 2026

Page 12

1 we're looking for is to get feedback from you all on
2 what we should be studying for the Environmental
3 Impact Statement. Then in October of this year, we
4 will have compiled that feedback and will come up
5 with the scoping decision, so what we actually
6 decided to study based on your feedback and, you
7 know, our standard things that we will look at. And
8 then in March of 2025 -- so from October of 2024 to
9 March of 2025, that whole span, that's how long it
10 will take to come up with the draft of the
11 Environmental Impact Statement. So it's a very
12 comprehensive document. It's really going in-depth
13 to make sure as many environmental and human impacts
14 can be mitigated as possible. So then that draft
15 will be released in March, and then we'll give you
16 plenty -- you know, several weeks or a month to
17 digest that and read that. You'll get a chance to
18 see, did it include the things that you told us
19 about today. And then a month later in April of
20 2025, we'll hold another public hearing just like
21 today. We'll have in-person hearings and virtual
22 hearings. And at that meeting, you'll have an
23 opportunity to tell us, did we address the things
24 that we're talking about today. So -- so there will
25 be plenty of time to circle back and you'll get to

Page 13

1 see if your questions, your concerns, and things
2 like that, was it as developed as you would like,
3 was there things that are missing or other things we
4 should know about, stuff like that. And then at
5 that point, we'll take that feedback and then we
6 will incorporate that into what the final
7 Environmental Impact Statement will be. And that
8 will come out in June or July of 2025. And the
9 Commission's final decision would be in September of
10 2025.

11 So with that, I will pass it along to
12 Ellen with Xcel, and she can tell you more about the
13 project specifically.

14 **MS. HEINE:** Thanks, Sam. Yep, so as Sam
15 said, I'm Ellen Heine with Xcel Energy. And in our
16 earlier session today, I did forget to note, I do
17 have a few other folks from the project team on the
18 call with me here as well. So if there are
19 questions at the end of this, we have a few other
20 people available to help answer questions. But I'm
21 going to go over an overview of the project in
22 general, provide some key information about that.
23 So go ahead to the next slide.

24 So this project that we're talking about
25 right now is, it's part of a group of projects that

Page 15

1 mapping tools and data available to us. We
2 developed a number of preliminary route segment
3 options back in the -- at the beginning of this
4 project development and then -- so created, kind of,
5 a web of route opportunities. And then the project
6 team went out and did some field verification on the
7 ground to look at some of those locations. And we
8 also did two rounds of public open houses in May and
9 September of last year, as well as some additional
10 outreach letters to stakeholders to get feedback on
11 those preliminary routes. So based on that
12 information, we've refined some of those, eliminated
13 some of those initial route segments that we had and
14 come up with the set that you see in the application
15 here that I will go over starting on this next
16 slide.

17 So this is the map of the project as a
18 whole. And as you can see there and in some of the
19 application information, it's one complete project
20 for our application to the PUC. But we've, sort of,
21 broken it out into four separate segments.

22 So Segment 1 is that part from the west
23 end of the project at the Wilmarth Substation in
24 Mankato, and that runs over to Faribault. There is
25 essentially two route alternatives for that segment.

Page 14

1 are part of the long-range transmission planning
2 that was done by MISO, which is the Midcontinent
3 Independent System Operator. It's a regional
4 transmission grid operator. So they've identified
5 this project as being needed to support energy needs
6 in Minnesota to accomplish a variety of things, as
7 noted on this slide here. It adds transmission
8 capacity to accommodate some of the increasing
9 amounts of renewable energy that's coming onto the
10 system. It improves reliability and system reliance
11 throughout the region. By increasing this capacity
12 for more of the renewable energy, we increase
13 greater chances for low-cost renewable energy to get
14 on the system. And as part of that, it also
15 includes upgrading and updating some existing
16 infrastructure. When possible, we try to co-locate
17 the new facilities with existing lines, and it
18 supports regional economic growth through the jobs
19 it creates, as well as the renewable energy on the
20 system. Next slide.

21 So the routes that are identified in our
22 application that we provided, and I'll go over a
23 little bit more in a couple minutes here, those have
24 been identified over time. It was an iterative
25 process where we're using a number of different

Page 16

1 And then Segment 2, which is shown in purple there,
2 from Faribault over to the North Rochester
3 Substation, which is actually in Pine Island. And
4 then Segment 3 is shown on the green on that map,
5 and that is from the North Rochester Substation, and
6 to and across the Mississippi River into Wisconsin
7 near Kellogg. And that Segment 3 was also the
8 alignment for the CapX2020, a part of the CapX2020
9 Hampton and LaCrosse line. And then Segment 4,
10 which is shown in blue on there, is a 161 kV, and
11 it's approximately 20 miles long. That's --
12 basically rerouting an existing 161 kV line that's
13 currently located on the same structures as that
14 CapX line for a portion of that, a portion of that
15 length. Go ahead to the next slide.

16 So in a little more detail here. So
17 Segment 1, essentially two route alternatives shown
18 there, it's about 40 mile long. The north route
19 segment is primarily following and would
20 double-circuit with an existing 115 kV line that's
21 located there. So we would build those two lines
22 together on a single set of poles. There is a
23 portion of Segment 1 that is commonly located with
24 the south segment where we have to go south a ways
25 to stay out of the -- there is an area of avigation

Page 17

1 easements for the airport, the Mankato airport
2 there. So we weren't able to build above ground in
3 that location. And then a south part of Segment 1
4 does a combination of some green field but also
5 follows and would double-circuit with some 69 kV
6 lines in that area. We did have to do some
7 diverging from the 69 kV line on that alignment to
8 go around some towns where there wasn't adequate
9 room for the new right-of-way in the existing
10 corridor. Next slide.
11 Then Segment 2 is from Faribault to Pine
12 Island there. The north route for Segment 2 is -- a
13 little more than half would be following a
14 double-circuited with an existing 69 kV there as
15 well. However, as with on Segment 1, there is --
16 that 69 kV goes through Faribault pretty close to a
17 the lot of stuff there because it's a smaller line.
18 So there's a portion that would be green field on
19 that, the beginning of that route. And what that
20 essential means, it would be a new corridor and
21 wouldn't be following an existing transmission line.
22 Segment 2 south is primarily a green field route.
23 It goes a little further south and then cuts almost
24 straight east along section lines and basically
25 property lines there. So it doesn't significantly

Page 19

1 the line. It just needs to get connected to a
2 different piece of equipment at the substation. And
3 then the middle section between where it says
4 Chester Junction and Wabaco Junction, that is
5 currently just single-circuit 345. So we would be
6 installing the second set of insulators and the
7 conductor on that but using the existing poles that
8 are there now. And then from the -- where it says
9 Wabaco Junction over to the river, that, again, is a
10 segment that has a 161 kV line on the second side.
11 That line is owned by Dairyland Power. So there's a
12 separate permit proceeding that Dairyland is working
13 through right now to relocate that 161 kV line
14 that's currently located on those structures. So
15 that portion also doesn't need new construction done
16 to it on the 345 kV portion. It just needs to get
17 connected to the -- in the middle, basically, there.
18 And then if you want to go to the next slide.
19 Then because that 161 kV line on that
20 western portion is needing to be relocated, we've
21 identified a number of route alternatives for
22 Segment 4, which is the 161 kV. There is a -- we've
23 essentially identified it as two route alternatives
24 in our application. There is a 4 East and a 4 West.
25 And for whatever reason, when we did it, we had them

Page 18

1 follow an existing transmission corridor in that
2 case. And then they both have a common segment
3 right at the end where that runs into the North
4 Rochester Substation there. Next slide.
5 Then Segment 3, as I said, this is part of
6 the CapX Hampton to LaCrosse CapX2020 line. So in
7 this segment, we've just proposed one route
8 alternative, the green line that you see there. And
9 the reason for that is that the -- during the CapX
10 permit process a little over 10 years ago, they did
11 evaluate other alignments for where that location
12 currently is. So that was already evaluated by the
13 PUC. And at the time that they permitted this line,
14 it was contemplated that at some point in the future
15 this would become a double-circuit 345 kV line. So
16 we're just proposing that one route alternative
17 there. I will note between the North Rochester
18 Substation, which is on the -- just above the word
19 Pine Island there on the left side of the screen,
20 over to where it says Chester Junction, that portion
21 is already constructed double-circuit. It's
22 currently operating as a 345/161 double-circuit
23 line. But it was constructed to be capable of
24 operating at 345 kV on the 161 side, so there is no
25 construction that needs to happen on that segment of

Page 20

1 cross-cross at 52. But as you see there, there is a
2 couple of alternatives along 52. There is a 4E and
3 a 4F there. They're on either side of Highway 52,
4 so they're kind of smaller subsegments of that. And
5 a similar situation down in the west/southwest
6 corner, there is a 4L and a 4M where there were two
7 alternatives attempting to avoid some -- or, there
8 is some different impacts in each of those. So
9 there's smaller subsegment alternatives to those
10 which were included in the application, as well as
11 up near the north end of it, there's a 4B and a 4C
12 where there were approximately similar impacts to
13 each of those so we didn't want to rule one out.
14 There wasn't an obvious one to eliminate.
15 Then on the map there, you'll see there is
16 a dashed blue line that kind of goes through the
17 triangle on the west side and then all the way up to
18 the North Rochester Substation. That, we filed just
19 recently on the docket as another alternative to get
20 considered in scoping. It wasn't initially included
21 in our application because at the time, we -- that's
22 the location of an existing 161 kV line, which runs
23 to Northern Hills Substation on the -- kind of on
24 the edge of Rochester. And when we were looking at
25 it initially, it looked like we couldn't

Page 21

1 double-circuit those lines for reliability reasons.
2 But we looked into it closer and worked with our
3 utility partners and were able to determine that it
4 would be possible to double-circuit those lines
5 together without any negative consequences. So
6 we've included that as another alternative. So in
7 that case, it would be a double-circuit 161 kV line
8 starting, kind of, at the south edge there. And
9 then that would run all the way up to and connect to
10 the North Rochester Substation as well within the
11 existing right-of-way where that line is currently
12 located. Next slide.
13 So as I noted, we do have some project
14 partners that we've been working with. The Segment
15 3 and Segment 4 were part of the CapX2020 group of
16 projects. And we have multiple utility partners as
17 you see there on the slide: Dairyland Power
18 Cooperative, Rochester Public Utilities, and
19 Southern Minnesota Municipal Power. So we're
20 working with them on -- as we've reviewed materials
21 and stuff, but Xcel Energy is leading the
22 development and the application process but working
23 with those partners as we review key documents and
24 milestones and stuff like that. So Xcel will
25 actually own the Segments 1 and 2 on the west side

Page 23

1 additional required permits that are needed for the
2 project. We typically wait to find out specifically
3 where the project is going to go before we acquire
4 all the other specific permits. And then throughout
5 that process, continue public and stakeholder
6 engagement will continue. And we're anticipating
7 construction starting in sometime later 2026 and
8 continuing through early 2030. And then in 2030,
9 the line would be placed into service and any final
10 restoration would be completed at that point. Next
11 slide.
12 So one thing we like to point out in
13 working with landowners, we oftentimes use easement
14 and right-of-way somewhat interchangeably. They're
15 not exactly the same thing. The right-of-way is the
16 corridor that the line would be located within and
17 it's used for transmission lines and other
18 utilities, as well as roads and things like that.
19 So it, kind of, is that defined corridor where the
20 facilities will be located. The easement is a
21 permanent right. It's a specific right to a
22 specific piece of land. And when we negotiate those
23 easements, landowners are paid fair market value for
24 the easement, for the rights that are acquired. And
25 they can still use that land for a number of

Page 22

1 of the project, and then 3 and 4 would be co-owned
2 by the utility partners. And as I mentioned,
3 Dairyland Power is also developing separately, which
4 will be their own line, a relocation of the 161 kV,
5 which is the Wabasha relocation project, which
6 currently is also under review at the PUC. Next
7 slide.
8 So the project schedule. This was
9 identified in 2022 by MISO, as I mentioned, as a
10 project. In 2023, we started doing some initial
11 route development, and that process started our
12 public and stakeholder engagement and outreach. And
13 then we did preliminary engineering on these initial
14 proposed routes. And earlier this year we submitted
15 an application for a Certificate of Need and a Route
16 Permit. Now we're at this phase in the middle
17 section there, 2024 to 2026, the review process with
18 the Public Utilities and Department of Commerce is
19 now underway. Once we get through this process, and
20 assuming that the PUC does issue us a permit, at the
21 point where we receive the final routes and we know
22 where it's going to go, then we'll do final
23 engineering for the selected routes and begin
24 negotiations with landowners to secure easements for
25 those alignment, and then also acquire any

Page 24

1 purposes but there are some things, that if they
2 would interfere with the safe operation of a
3 transmission line, those types of things are
4 prohibited from within the easement footprint. So
5 those things are all clearly discussed when the land
6 agents begin working with landowners. Next slide.
7 So the infrastructure for this project
8 that we're talking about, we're anticipating single
9 pole steel structures. Usually like in most cases,
10 that would be a single pole. There are, in some
11 cases, double pole structures for, like, sharp
12 angles. But for the most part, single poles. And
13 in the cases even where it's double-circuit, they
14 just would place each line on opposite sides of that
15 structure. The typical pole height is between 100
16 and 150 feet and depending on the terrain where
17 those are located. For the 345 kV, Segments 1, 2,
18 and 3, the typical right-of-way width is 150, so
19 it's 75 feet to either side of the center line. And
20 the spans between each of those structures is
21 typically 800 to 1200 feet between structures. The
22 161 kV line is a little smaller, so the typical
23 right-of-way width for that would be 80 to 100 feet,
24 so 40 to 50 feet either side of center line. And
25 then those structure span lengths are typically more

Page 25

1 like 300 to 500 feet. Next slide.
2 So once the construction process, once we
3 go through that process of getting easements and
4 working with landowners, then the construction
5 process essentially starts with soil surveys and
6 property staking to identify the right-of-way
7 location, and they get soil analysis to determine
8 foundation types and stuff like that. They'll begin
9 construction by doing vegetation and tree clearing
10 and then installing construction access. In some
11 cases, they need to install polymer mats through
12 wetland areas or access driveways off of roads and
13 things like that. So they'll do some of that work
14 to get the right-of-way ready for construction.
15 Once that's completed, they mobilize equipment and
16 deliver materials to the site. And then
17 construction starts with the foundation
18 installations, so those drilled pier foundations get
19 drilled and poured and given sometime to cure. Then
20 the line crew comes through, bolts the structures
21 onto those foundations and then follows up with
22 stringing conductors in that area. And then once
23 the line installation stringing is complete, then a
24 civil crew will come through with complete
25 restoration of the areas. And so throughout the

Page 27

1 routes were in relation to their property. So if
2 you're interested in getting one of those, you can
3 reach out via that email or that phone number and
4 request that as well.
5 And that is it for me.
6 **MR. DAVIS:** Thank you, Ellen; thank you,
7 Sam. Good evening, everybody. My name is Rich
8 Davis. I'm an Environmental Review Manager with the
9 Minnesota Department of Commerce, our Energy
10 Environmental Review and Analysis Unit, or EERA. I
11 have another member of my team on this call, Logan
12 Hicks is also an Environmental Review Manager with
13 EERA, so he'll be another point of contact for you
14 if you have any questions or comments. Next slide,
15 please.
16 Brief agenda what I'm going to be covering
17 here. Our agency, Commerce, role in environmental
18 review for project such as thing, scoping for the
19 EIS, recommending route alternative or system
20 alternatives, how to comment, and then we'll get to
21 the opportunity for comments and questions on here.
22 Next slide, please.
23 So a little bit, Commerce does the
24 environmental review on all transmission lines that
25 come before the Commission for Route Permits or

Page 26

1 construction process with a long linear project,
2 typically this will be happening in multiple
3 locations. So all of these things could be
4 happening at the same time at different locations,
5 or there could be two sets -- like this could be
6 happening in parallel in a couple different
7 locations if we have multiple crews. But
8 essentially this is how the sequence happens but it
9 might be at multiple points, and it will kind of
10 follow along the line as they work through it. So
11 it's a fairly long project, so there could be pieces
12 in multiple locations. Next slide.
13 And then this is just some key project
14 information. We do have a project website there at
15 mmrtproject.com that's got a lot of the information
16 I went over, as well as some additional information
17 and handouts and things like that, as well as an
18 interactive map that you can access. Then there is
19 a general project email that you can reach out to us
20 at any time, as well as the project phone number.
21 One thing I'll note is, if people have specific map
22 request that they'd like a custom map made, one
23 thing that we did at the in-person open houses is
24 had stations where people could highlight their
25 property and get a specific map showing where those

Page 28

1 Certificate of Need. And what we are looking to do
2 is capture the potential human and environmental
3 impacts from a proposed project, and then also
4 identify ways to avoid or minimize or mitigate those
5 impacts as best we can for a proposed project. We
6 serve as a neutral third party. We don't advocate
7 for or against. We try to provide objective
8 analysis and facts, and the goal ultimately is to
9 develop an environmental document that helps the
10 Commission understand the project and the potential
11 impacts of that proposed project and help them make
12 an informed decision as they're issuing their Route
13 Permit and Certificate of Need. Next slide.
14 Environmental document that will be
15 produced as part of this project, as Sam mentioned
16 earlier, is an Environmental Impact Statement, or
17 EIS. And in that document, we want to describe the
18 proposed project and any alternatives, so any
19 alternatives that would include what's been proposed
20 by the applicant at this point and any route or
21 route segment alternatives or system alternatives
22 that are proposed during the scoping comment period
23 that's going on right now that make it through the
24 scoping process and into the document.
25 Again, the EIS will look at potential

Page 29

1 human and environmental impacts that could occur due
2 to the proposed project and identify strategies to
3 avoid, minimize, and mitigate those impacts if
4 possible.
5 The next bullet point there is a
6 significant one, at least in my mind. We -- the EIS
7 specifically addresses and lists unavoidable impacts
8 so that the commissioners, when they're making their
9 selection and issuing -- if they choose to issue a
10 Route Permit when they're selecting routes, the EIS
11 will identify impacts that will result from the
12 project or could result from the project that are
13 unavoidable. So they will know if Route A or Route
14 B, or an infinite number of them, I guess, depending
15 on how many alternatives we have, could have impacts
16 that we can't mitigate for or can't come up with a
17 plan or strategies to mitigate for. And again, we
18 don't advocate for or against a project. Next
19 slide.
20 So at this point, with -- as part of the
21 process, we are scoping for the EIS. We're in the
22 comment period. And the easiest way to view the
23 scoping decision, which essentially is what we'll
24 come out with when EERA will develop after the
25 comment period is over, the scope is somewhat of a

Page 31

1 example, a different size project or a different
2 type of facility. That gets at the Certificate of
3 Need or the CN Sam had talked about earlier. Those
4 are referred to as system alternatives, and I have
5 separate slide in a little bit here that I'll
6 discuss that a little more.
7 The second one, what potential human and
8 environmental impacts of the proposed projects
9 should be considered in the EIS. Are there any
10 methods to minimize, mitigate, or avoid potential
11 impacts to the proposed project that should be
12 considered in the EIS. Are there any alternative
13 routes or route segments that should be considered
14 in the EIS to address the mitigate -- or mitigate
15 potential impacts associated with the proposed
16 project. Again, the next slide I have is regarding
17 route alternatives. And also, are there any unique
18 characteristics of the proposed project area that
19 should be considered in the EIS. That one is pretty
20 important, I think, because we like to get
21 information from folks that live in the project area
22 and may know of resources that are of local
23 importance or local interest to the communities that
24 are out there or to private landowners along the
25 route or along any alternatives that are proposed

Page 30

1 table of contents. And the comments from the public
2 or questions from the public help to shape that
3 scope and help to fill in that table of contents.
4 We do have a standard list of items that we normally
5 include as parts of our review. There is a document
6 on our project webpage that is actually a draft
7 scoping decision document. If you open that up
8 online, it gives you a table of contents towards the
9 back of a -- an idea of the resources and the
10 resource areas that we'll be looking at as part of
11 the EIS. And it hopefully might give you some idea
12 of how to frame up comments or questions about
13 specific resources that you might be concerned about
14 to make sure that it's included in the EIS if you'd
15 like to submit a comment on that.
16 But to make sure that everybody that's on
17 the meeting, and I believe we have one on the phone,
18 I'm going to ready through these questions. These
19 questions are intended to help provide some focus
20 maybe if you're wondering what to comment on or how
21 to comment. These are just suggested questions to
22 ask yourself that can help focus your comments that
23 really help myself out in developing the scope of
24 the EIS. The first one there, are there other ways
25 to meet the stated need for the project, for

Page 32

1 that we might not be able to see or might not
2 otherwise know about. Next slide, please.
3 This is a little bit on how to suggest a
4 route alternative or a route segment alternative, if
5 you will. If you're going to bring forward an
6 alternative, we do need some information and detail
7 to help us, kind of, put some brackets on it and be
8 able to capture where that area is and identify
9 potential resources that could be impacted by the
10 alternative route as it compares to what's been
11 proposed by the applicant. So describe the
12 anticipated impact. That's describing the
13 anticipated impact of the proposed route by the
14 applicant. So you're identifying the impact that
15 you're trying to avoid or minimize or mitigate for
16 suggested alternative activity. So that could be a
17 route or route segment. From my perspective, the
18 best way to get that in and to help me get my arms
19 around the idea of what the alternative is, it's
20 best to have it on a map. I am willing to work with
21 any landowners or anybody that has an alternative
22 route or route segment to suggest to develop that
23 the best we can and try to get some maps to -- or a
24 map together that can capture the -- what's being
25 proposed so that we can actually see the area that

Page 33

1 we have to evaluate for the potential impacts of
2 that alternative. And then to discuss how the
3 alternative mitigates the anticipated impact that
4 you're concerned about. For example, a bad route
5 segment or route alternative would be an explanation
6 of it would be, I don't want the line by my house so
7 move it over there to my neighbor's. Because that
8 doesn't necessarily mitigate an impact. All that
9 does is move that impact over to somebody else. So
10 we do need some explanation and detail on what that
11 alternative is, what impact it's going to resolve
12 or, at least reduce. Route alternatives need to be
13 submitted on time, so that August 1 deadline that
14 Sam had mentioned. They need to meet the need for
15 the project and they need to be feasible. A little
16 bit from the feasibility perspective, I will review
17 alternatives that come in, and then I will work with
18 Xcel staff to determine what the feasibility is on
19 an alternative and if it costs substantially more or
20 creates substantially more line length or width. A
21 lot of times those things will shake themselves out
22 and can't be carried forward because they're just
23 not feasible options to minimize or mitigate
24 impacts. But we, our staff, EERA, and then we work
25 forward to include them as -- as alternatives and

Page 35

1 alternative, which essentially it looks at what
2 happens if the project is not constructed. Next
3 slide, please.
4 Comment, verbal comments today on the
5 meeting, obviously the next one there, complete and
6 submit a comment sheet, which is a handout that was
7 available at the in-person meetings. That same
8 sheet is available on our project webpage if you go
9 on to our Commerce webpage. This project has it's
10 own page, and you can click on, under the key
11 documents for this project, you can click on the
12 handout, print it out, and send it back in to me.
13 You can comment online at this link that's right
14 here. There is a Submit a Comment button on the
15 webpage for the project. And you've fill -- click
16 on that button, fill out the form, and submit it,
17 and I get an email with your comment in it. Also,
18 there is my mailing address if you prefer to write
19 up your own and just mail it to me. Or there is my
20 email. You can take any one of those formats. And
21 a reminder, the comment period ends on August 1.
22 Next slide.
23 Again, topics for comments. Those are the
24 same ones that I had read through earlier. Next
25 slide.

Page 34

1 scoping of the EIS.
2 One thing to point out. If the Commission
3 selects one of the alternatives that's proposed,
4 there is the chance that Xcel would be granted
5 eminent domain to make sure that that alternative
6 can be constructed. Because they may not have
7 previously been working with that landowner or set
8 of landowners if it wasn't one of the main routes
9 that they had proposed. Next slide, please.
10 CN alternatives, or system alternatives,
11 which I referenced on that first question a couple
12 slides ago, this has to do the project as a whole,
13 the larger project itself. And so it's not
14 individual routes or route segments, sections of
15 those lines, anything like that. It's larger. It's
16 looking at projects that might be of a different
17 size, of a different type, or the timing of the
18 project could be different. So it could be looking
19 at a completely different transmission line that
20 would be of a different voltage that could
21 accomplish the proposed project and meet that need.
22 Or it could be a different type of project, just
23 distributed energy facilities or something along
24 those lines to meet the demand of a certain area.
25 In our EIS, we will study the no build

Page 36

1 Comments, questions, comments and
2 questions and etiquette for this session of the
3 meeting. Obviously we have a little more control
4 here. One speaker at a time. Please state and
5 spell your name for the court reporter. And we'll
6 keep an eye on time. I'm guessing we're not going
7 to have any issues with that of requiring a time
8 limit. Maintain respect. Even though this isn't in
9 person, I do want to maintain respect, so hopefully
10 there is no comments that are directed at individual
11 people of any kind. It's best if you can direct
12 your comments towards the scope of the EIS or a
13 route alternative, route segment alternative, or
14 system alternative. That's the most helpful on our
15 end of things. Next slide.
16 There is a lot of information on this one.
17 Comment period end date of August 1, how to comment
18 online, on our web page, my email, my mailing
19 address, the same five questions -- is it five?
20 Yeah, it's five -- that I've read off and mentioned
21 a few times, contact for the Commission staff,
22 contact for myself and Ellen from Xcel Energy.
23 There is our project webpage specifically for this
24 one. Also, eDockets information there for how to
25 track down the Certificate of Need or Route Permit

Page 37

1 and the full records, and also to receive email
2 notifications, there is some instructions on how to
3 subscribe to the docket.
4 That is the end of my presentation. I
5 will turn it over to you, Sam, to walk us through
6 the comments here.
7 **MR. LOBBY:** Great, sounds good. I'll just
8 leave this slide up here folks so they can see what
9 the questions are to, kind of, focus on your
10 comments on, but also so that you have the contact
11 information and comment period information. So you
12 have plenty of time to write that down.
13 So for folks online, the best way to
14 comment here is, you can either click on the Raise
15 Hand function. There is a raised hand you'll see
16 like that and you can click on that. Or you can
17 type into the chat box and let me know you want to
18 speak. So if you do type in the chat box, don't
19 type your question there because the court reporter
20 isn't able to keep track of both that conversation
21 and the one that we're having. But you can let me
22 know that you want to speak. And if you're calling
23 in on the phone, you can press *3.
24 So with that, we'll open it up. If
25 anybody wants to speak, again, if you're online,

Page 39

1 basically, you're pushing this through people that
2 don't have money, right? You're pushing it through
3 areas. I don't see this going over Dellwood over
4 like White Bear Lake. You're not going to put it
5 over rich people's houses. You're going to put it
6 over poor frickin' farmers' houses. And we've got
7 to deal with it.
8 When it comes to Xcel, I mean, Xcel used
9 to honor their lines up to the meter. Now it's to
10 the transformer. At what point do they go, Oh,
11 these big lines that are going across your property,
12 it's your responsibility to replace them. It's
13 like, I don't trust any of you guys. You guys have
14 all been bought off, you know. It's -- you're going
15 to shove this down everyone's throat so somebody in
16 Chicago can get another frickin' big screen TV.
17 Because we're not getting anything of this frickin'
18 power. It's going someplace else so Xcel can make
19 more money. It's like, I feel sorry for all of you
20 guys. Because you've sold all your souls to the
21 devil and you got to fucking pay for it eventually.
22 That's all I have to frickin' say.
23 **MR. LOBBY:** All right. Thank you for your
24 comment.
25 **THE COURT REPORTER:** Paul, what's your

Page 38

1 that's the Raise Hand function or in the chat box.
2 And if you're calling in, then it's *3. And also a
3 reminder that if you do not want to speak, you do
4 still have until August 1 to get in written
5 comments. And up there on the top left corner is
6 how you can submit those written comments.
7 Still not seeing anybody who wants to
8 speak, but if you want to -- oh, here we go. We got
9 one from Paul. Paul, you're unmuted. If you could
10 please state and spell your name for the court
11 reporter.
12 **MR. PIEPER:** Paul Pieper. Did you hear
13 that?
14 **MR. LOBBY:** Yep, we got you.
15 **MR. PIEPER:** Okay. I have a few things
16 that I just want to mention is, on this, I kind of
17 consider this as, it doesn't really matter what we
18 say. This is going to go through and you're going
19 to shove it down our throats.
20 The second thing is, I think we're looking
21 at an environmental -- what's the new one,
22 environmental impact --
23 **MR. LOBBY:** Environmental Impact
24 Statement?
25 **MR. PIEPER:** No, not that. It's

Page 40

1 last name again. I didn't catch it.
2 **MR. PIEPER:** That's Paul Pieper,
3 P-I-E-P-E-R.
4 **THE COURT REPORTER:** Thank you.
5 **MR. LOBBY:** I will just say on behalf of
6 the Commission, I hope that there is something, you
7 know, things can resolve as far as where you're at
8 with things. The PUC does put these on in order for
9 members of the comment -- the public to comment. So
10 this isn't a pre-determined decision. It isn't
11 being rubber stamped. But I understand where you're
12 coming from, and thank you very much for your
13 comments. Were you wanting to speak again or is your
14 hand still up?
15 **MR. PIEPER:** No, I'm done.
16 **MR. LOBBY:** Okay, thank you, sir. Anybody
17 else that would like to speak? Again, that's, you
18 can use the Raise Hand function or you can type in
19 the chat, or if you're calling in, you can press *3.
20 And, again, if you would prefer to have written
21 comments, those are due by August 1. The
22 information is up there in upper left-hand corner.
23 And you're always more than welcome to reach out to
24 myself with Public Utilities Commission or Rich with
25 Department of Commerce. Is there anybody else

1 interested in speaking? I'm not seeing any hands.
2 All right. We'll go over things one more
3 time here. We've got until August 1, is the end of
4 the comment period. So you will have time to still
5 submit comments if you didn't get a chance to today.
6 And with that, I'm not seeing anybody else that's
7 wanting to speak so we will go ahead and close out
8 the meeting. Thank you all so much for coming and
9 participating today. Again, all of your comments
10 will be reviewed by the commissioners and factored
11 into a decision for this permit. So thanks, again,
12 for coming.
13 (The meeting concluded at 6:57 p.m.)
14
15
16
17
18
19
20
21
22
23
24
25

1 STATE OF MINNESOTA)
2)
3 COUNTY OF HENNEPIN)
4
5

6 I, Katriina Hendrickson, do hereby certify that
7 the above and foregoing transcript consisting of the
8 preceding 41 pages is a true and correct transcript of my
9 steno notes and is a full, true and complete transcript
10 of the proceedings to the best of my ability.
11
12
13

14 Dated: August 1, 2024.
15
16
17

18 /s/ Katriina Hendrickson, RPR
19 Court Reporter
20
21
22
23
24
25

	agencies (4) 8:16,23;9:4,9	April (2) 11:21;12:19	7:10;8:17;28:5;32:18, 20,23;36:11;37:13	33:22
*	Agency (2) 9:1;27:17	area (13) 7:2,9,10;8:19,20;16:25; 17:6;25:22;31:18,21; 32:8,25;34:24	big (2) 39:11,16	case (2) 18:2;21:7
*3 (3) 37:23;38:2;40:19	agenda (1) 27:16	areas (4) 25:12,25;30:10;39:3	bit (5) 14:23;27:23;31:5;32:3; 33:16	cases (4) 24:9,11,13;25:11
A	agents (1) 24:6	arms (1) 32:18	blue (2) 16:10;20:16	catch (1) 40:1
able (5) 17:2;21:3;32:1,8;37:20	ago (3) 5:8;18:10;34:12	around (2) 17:8;32:19	bolts (1) 25:20	center (2) 24:19,24
above (2) 17:2;18:18	ahead (3) 13:23;16:15;41:7	associated (1) 31:15	both (2) 18:2;37:20	certain (2) 9:7;34:24
accepted (1) 11:22	airport (2) 17:1,1	assuming (1) 22:20	bought (1) 39:14	Certificate (7) 10:6,8;22:15;28:1,13; 31:2;36:25
access (3) 25:10,12;26:18	alignment (3) 16:8;17:7;22:25	attempting (1) 20:7	box (3) 37:17,18;38:1	Cezar (1) 5:24
accommodate (1) 14:8	alignments (1) 18:11	attendance (1) 5:13	brackets (1) 32:7	Cezar's (1) 6:4
accomplish (2) 14:6;34:21	almost (1) 17:23	attending (1) 3:2	brief (2) 5:19;27:16	chance (4) 11:10;12:17;34:4;41:5
acquire (2) 22:25;23:3	along (7) 13:11;17:24;20:2; 26:10;31:24,25;34:23	August (7) 4:13;33:13;35:21; 36:17;38:4;40:21;41:3	briefing (1) 3:20	chances (1) 14:13
acquired (1) 23:24	alterative (1) 32:16	available (4) 13:20;15:1;35:7,8	bring (1) 32:5	characteristics (1) 31:18
acronym (1) 6:23	alternative (23) 7:19;18:8,16;20:19; 21:6;27:19;31:12;32:4,4, 6,10,19,21;33:2,3,5,11, 19;34:5;35:1;36:13,13,14	avigation (1) 16:25	broken (1) 15:21	chat (4) 37:17,18;38:1;40:19
across (2) 16:6;39:11	alternatives (22) 15:25;16:17;19:21,23; 20:2,7,9;27:20;28:18,19, 21,21;29:15;31:4,17,25; 33:12,17,25;34:3,10,10	avoid (6) 7:18;20:7;28:4;29:3; 31:10;32:15	build (5) 10:2,19;16:21;17:2; 34:25	Chester (2) 18:20;19:4
activity (1) 32:16	always (3) 4:21;11:12;40:23	aware (1) 10:6	bullet (1) 29:5	Chicago (1) 39:16
actual (1) 8:15	amounts (1) 14:9	away (1) 5:25	button (2) 35:14,16	choose (1) 29:9
actually (8) 5:25;10:2,17;12:5; 16:3;21:25;30:6;32:25	analysis (3) 25:7;27:10;28:8	B	C	circle (1) 12:25
additional (3) 15:9;23:1;26:16	angles (1) 24:12	back (4) 12:25;15:3;30:9;35:12	call (2) 13:18;27:11	civil (1) 25:24
additionally (2) 8:13,22	anticipated (3) 32:12,13;33:3	background (1) 9:12	calling (3) 37:22;38:2;40:19	clearing (1) 25:9
address (4) 12:23;31:14;35:18; 36:19	anticipating (2) 23:6;24:8	bad (1) 33:4	can (40) 4:20,24;5:11,22;6:1; 7:11,14;11:15,18;12:14; 13:12;15:18;23:25;26:18, 19;27:2;28:5;30:22; 32:23,24,25;34:6;35:10, 11,13,20;36:11;37:8,14, 16,16,21,23;38:6;39:16, 18;40:7,18,18,19	clearly (1) 24:5
addresses (1) 29:7	applicant (4) 10:1;28:20;32:11,14	balloons (1) 11:8	capable (1) 18:23	click (5) 35:10,11,15;37:14,16
adds (1) 14:7	application (10) 11:21;14:22;15:14,19, 20;19:24;20:10,21;21:22; 22:15	based (2) 12:6;15:11	capacity (3) 10:10;14:8,11	close (2) 17:16;41:7
adequate (2) 9:18;17:8	applications (1) 8:3	basically (4) 16:12;17:24;19:17; 39:1	capture (3) 28:2;32:8,24	closer (1) 21:2
administrative (2) 8:8,9	appointed (1) 9:15	Bear (1) 39:4	CapX (3) 16:14;18:6,9	CN (2) 31:3;34:10
advisor (1) 5:22	appreciate (2) 3:3,6	become (1) 18:15	CapX2020 (4) 16:8,8;18:6;21:15	co-locate (1) 14:16
advocate (3) 5:14;28:6;29:18	appreciated (1) 5:13	begin (3) 22:23;24:6;25:8	carried (1)	combination (1) 17:4
afternoon (1) 3:1	approximately (3) 10:19;16:11;20:12	beginning (3) 11:21;15:3;17:19		coming (5) 3:24;14:9;40:12;41:8, 12
again (15) 8:18;11:12,25;19:9; 28:25;29:17;31:16; 35:23;37:25;40:1,13,17, 20;41:9,11		behalf (1) 40:5		comment (29) 4:13,17,18;6:10;11:6, 11,14,17;27:20;28:22; 29:22,25;30:15,20,21; 35:4,6,13,14,17,21;36:17, 17;37:11,14;39:24;40:9, 9;41:4
against (3) 5:14;28:7;29:18		best (8)		commenting (1)

7:15 comments (34) 3:8,14,16,20,21;4:9,12,14,15;5:6;6:15;7:11,16;11:9,15;27:14,21;30:1,12,22;35:4,23;36:1,1,10,12;37:6,10;38:5,6;40:13,21;41:5,9 Commerce (9) 4:23;6:10;8:4;22:18;27:9,17,23;35:9;40:25 Commission (16) 4:22;5:4,21;8:2,6,11;9:13;10:2;11:7,22;27:25;28:10;34:2;36:21;40:6,24 commissioners (6) 3:14,19;9:14,15;29:8;41:10 Commission's (1) 13:9 common (1) 18:2 commonly (1) 16:23 communities (1) 31:23 company (1) 9:8 compares (1) 32:10 compiled (1) 12:4 complete (5) 9:3;15:19;25:23,24;35:5 completed (2) 23:10;25:15 completely (1) 34:19 comprehensive (1) 12:12 concerned (2) 30:13;33:4 concerns (2) 5:7;13:1 concluded (1) 41:13 conclusions (1) 8:12 conductor (1) 19:7 conductors (1) 25:22 confirmed (1) 9:16 connect (1) 21:9 connected (2) 19:1,17 consequences (1) 21:5 consider (1) 38:17	consideration (1) 7:20 considered (5) 20:20;31:9,12,13,19 consist (1) 9:13 consistent (1) 9:22 constructed (4) 18:21,23;34:6;35:2 construction (11) 10:25;18:25;19:15;23:7;25:2,4,9,10,14,17;26:1 contact (6) 7:21;11:18;27:13;36:21,22;37:10 contemplated (1) 18:14 contents (3) 30:1,3,8 continue (2) 23:5,6 continuing (1) 23:8 Control (2) 9:1;36:3 conversation (1) 37:20 Cooperative (1) 21:18 co-owned (1) 22:1 corner (3) 20:6;38:5;40:22 corridor (5) 17:10,20;18:1;23:16,19 costs (1) 33:19 couple (6) 4:16;9:25;14:23;20:2;26:6;34:11 course (1) 8:1 court (6) 3:17;36:5;37:19;38:10;39:25;40:4 cover (1) 10:17 covering (2) 5:20;27:16 created (1) 15:4 creates (2) 14:19;33:20 crew (2) 25:20,24 crews (1) 26:7 cross-cross (1) 20:1 crossing (1) 10:22	Culbertson (1) 5:21 cure (1) 25:19 currently (7) 16:13;18:12,22;19:5,14;21:11;22:6 custom (1) 26:22 cuts (1) 17:23 D Dairyland (4) 19:11,12;21:17;22:3 dashed (1) 20:16 data (1) 15:1 date (1) 36:17 Davis (3) 6:9;27:6,8 day (1) 3:7 deadline (1) 33:13 deal (1) 39:7 Decades (1) 5:8 decide (2) 7:6,12 decided (1) 12:6 decision (8) 7:4;12:5;13:9;28:12;29:23;30:7;40:10;41:11 decision-making (2) 3:24;5:12 decisions (1) 3:15 defined (1) 23:19 deliver (1) 25:16 Dellwood (1) 39:3 demand (1) 34:24 Department (9) 4:22;6:9;8:4,24,25;9:6;22:18;27:9;40:25 depending (2) 24:16;29:14 describe (2) 28:17;32:11 describing (1) 32:12 detail (3) 16:16;32:6;33:10 details (2)	6:6;10:18 determine (3) 21:3;25:7;33:18 develop (3) 28:9;29:24;32:22 developed (2) 13:2;15:2 developing (4) 6:21;7:5;22:3;30:23 development (3) 15:4;21:22;22:11 devil (1) 39:21 different (16) 4:17;5:15;8:23;14:25;19:2;20:8;26:4,6;31:1,1;34:16,17,18,19,20,22 digest (1) 12:17 direct (1) 36:11 directed (1) 36:10 direction (1) 7:12 discuss (3) 6:8;31:6;33:2 discussed (1) 24:5 distributed (1) 34:23 diverging (1) 17:7 Docket (3) 4:25;20:19;37:3 document (7) 12:12;28:9,14,17,24;30:5,7 documents (2) 21:23;35:11 domain (1) 34:5 done (3) 14:2;19:15;40:15 double (1) 24:11 double-circuit (9) 16:20;17:5;18:15,21,22;21:1,4,7;24:13 double-circuited (1) 17:14 down (6) 11:23;20:5;36:25;37:12;38:19;39:15 draft (3) 12:10,14;30:6 drilled (2) 25:18,19 driveways (1) 25:12 due (2) 29:1;40:21 during (2)	18:9;28:22 E earlier (5) 13:16;22:14;28:16;31:3;35:24 early (1) 23:8 easement (4) 23:13,20,24;24:4 easements (4) 17:1;22:24;23:23;25:3 easiest (1) 29:22 east (2) 17:24;19:24 easy (1) 7:23 economic (1) 14:18 edge (2) 20:24;21:8 eDockets (1) 36:24 EERA (4) 27:10,13;29:24;33:24 efficient (1) 9:19 EIS (19) 6:22,22,23;27:19;28:17,25;29:6,10,21;30:11,14,24;31:9,12,14,19;34:1,25;36:12 either (4) 20:3;24:19,24;37:14 electricity (1) 9:17 eliminate (1) 20:14 eliminated (1) 15:12 Ellen (6) 6:7;10:17;13:12,15;27:6;36:22 else (5) 33:9;39:18;40:17,25;41:6 email (6) 26:19;27:3;35:17,20;36:18;37:1 eminent (1) 34:5 end (10) 7:22;11:23;13:19;15:23;18:3;20:11;36:15,17;37:4;41:3 ends (1) 35:21 Energy (12) 4:2;6:8;13:15;14:5,9,12,13,19;21:21;27:9;34:23;36:22
---	--	---	--	---

engagement (2) 22:12;23:6	8:9	37:8,13	3:1;27:7;37:7	3:23;5:11;7:10,12;9:2; 13:20;28:11;30:2,3,19, 22,23;32:7,18
engineering (2) 22:13,23	14:17;23:20;34:23	follow (3) 9:8;18:1;26:10	government (4) 7:25;8:2,14,16	helpful (1) 36:14
ensure (1) 9:18	facility (1) 31:2	following (4) 6:3;16:19;17:13,21	governments (1) 8:18	helping (1) 3:10
entire (1) 7:2	fact (1) 8:12	follows (2) 17:5;25:21	Governor (1) 9:15	helps (1) 28:9
environmental (27) 6:11,24,25;7:1,3,13; 8:5,6;9:3;12:2,11,13; 13:7;27:8,10,12,17,24; 28:2,9,14,16;29:1;31:8; 38:21,22,23	factored (1) 41:10	footprint (1) 24:4	granted (4) 3:12;9:4;10:25;34:4	Hicks (1) 27:12
equipment (2) 19:2;25:15	facts (1) 28:8	forget (1) 13:16	Great (1) 37:7	highlight (2) 3:21;26:24
especially (1) 7:22	fair (2) 9:19;23:23	form (1) 35:16	greater (2) 10:14;14:13	high-voltage (3) 6:19;10:9,12
essential (1) 17:20	fairly (1) 26:11	formats (1) 35:20	greatly (1) 5:13	Highway (1) 20:3
essentially (8) 6:25;15:25;16:17; 19:23;25:5;26:8;29:23; 35:1	familiar (1) 5:3	forth (1) 8:11	green (5) 16:4;17:4,18,22;18:8	Hills (1) 20:23
etiquette (1) 36:2	far (1) 40:7	forum (1) 5:15	grid (1) 14:4	hold (1) 12:20
evaluate (2) 18:11;33:1	Faribault (4) 15:24;16:2;17:11,16	forward (3) 32:5;33:22,25	ground (3) 8:19;15:7;17:2	holding (1) 11:24
evaluated (1) 18:12	farmers' (1) 39:6	found (1) 4:24	group (2) 13:25;21:15	honor (1) 39:9
even (5) 4:18;11:13,17;24:13; 36:8	feasibility (2) 33:16,18	foundation (2) 25:8,17	growth (1) 14:18	hope (1) 40:6
evening (1) 27:7	feasible (2) 33:15,23	foundations (2) 25:18,21	guess (1) 29:14	hopefully (2) 30:11;36:9
eventually (1) 39:21	federal (1) 9:9	four (1) 15:21	guessing (1) 36:6	house (1) 33:6
everybody (2) 27:7;30:16	feedback (7) 7:8,15;12:1,4,6;13:5; 15:10	frame (1) 30:12	guys (3) 39:13,13,20	houses (4) 15:8;26:23;39:5,6
everyone (1) 3:1	feel (2) 4:21;39:19	free (1) 4:21	H	huge (1) 7:7
everyone's (1) 39:15	feet (7) 10:14;24:16,19,21,23, 24;25:1	frickin' (4) 39:6,16,17,22	half (1) 17:13	human (5) 7:3;12:13;28:2;29:1; 31:7
exactly (1) 23:15	few (4) 13:17,19;36:21;38:15	fucking (1) 39:21	Hampton (2) 16:9;18:6	I
example (3) 9:6;31:1;33:4	field (4) 15:6;17:4,18,22	Full (2) 11:8;37:1	Hand (5) 37:15,15;38:1;40:14,18	idea (3) 30:9,11;32:19
excuse (2) 4:3;8:4	filed (1) 20:18	function (3) 37:15;38:1;40:18	handout (2) 35:6,12	identified (6) 14:4,21,24;19:21,23; 22:9
existing (11) 14:15,17;16:12,20; 17:9,14,21;18:1;19:7; 20:22;21:11	fill (3) 30:3;35:15,16	further (1) 17:23	handouts (1) 26:17	identify (5) 25:6;28:4;29:2,11;32:8
expect (1) 11:4	filling (1) 5:24	future (2) 6:3;18:14	hands (1) 41:1	identifying (1) 32:14
explanation (2) 33:5,10	final (7) 3:14,20;13:6,9;22:21, 22;23:9	G	happen (1) 18:25	Impact (18) 6:24,25;8:6;9:3,6;12:3, 11;13:7;28:16;32:12,13, 14;33:3,8,9,11;38:22,23
eye (1) 36:6	find (1) 23:2	gas (1) 9:17	happening (3) 26:2,4,6	impacted (1) 32:9
F	findings (1) 8:11	general (2) 13:22;26:19	happens (2) 26:8;35:2	impacts (19) 7:3,16,18;12:13;20:8, 12;28:3,5,11;29:1,3,7,11, 15;31:8,11,15;33:1,24
facilitate (1)	first (2) 30:24;34:11	gets (1) 31:2	hear (1) 38:12	importance (1) 31:23
	five (4) 9:13;36:19,19,20	given (1) 25:19	hearing (2) 8:10;12:20	important (5)
	focus (3) 30:19,22;37:9	gives (1) 30:8	Hearings (3) 8:9;12:21,22	
	folks (12) 3:4,6,12;5:3;6:23;7:9; 8:18;11:15;13:17;31:21;	goal (1) 28:8	height (1) 24:15	
		goes (4) 6:7;17:16,23;20:16	Heine (3) 6:7;13:14,15	
		Good (3)	help (14)	

3:10;5:10;10:5;11:5; 31:20 improves (1) 14:10 include (6) 7:7,18;12:18;28:19; 30:5;33:25 included (5) 8:21;20:10,20;21:6; 30:14 includes (1) 14:15 incorporate (2) 11:16;13:6 increase (1) 14:12 increasing (2) 14:8,11 independent (2) 9:20;14:3 in-depth (1) 12:12 individual (2) 34:14;36:10 industries (1) 9:17 infinite (1) 29:14 influence (1) 3:23 inform (2) 3:10,23 information (18) 6:17,18;7:21;9:2; 11:24;13:22;15:12,19; 26:14,15,16;31:21;32:6; 36:16,24;37:11,11;40:22 informed (1) 28:12 informing (1) 5:11 infrastructure (2) 14:16;24:7 initial (3) 15:13;22:10,13 initially (2) 20:20,25 in-person (4) 4:4;12:21;26:23;35:7 input (1) 5:10 install (1) 25:11 installation (1) 25:23 installations (1) 25:18 installing (2) 19:6;25:10 instructions (1) 37:2 insulators (1) 19:6	intended (1) 30:19 interactive (1) 26:18 interchangeably (1) 23:14 interest (2) 9:23;31:23 interested (3) 4:11;27:2;41:1 interfere (1) 24:2 into (12) 5:2,18;11:16;13:6; 15:21;16:6;18:3;21:2; 23:9;28:24;37:17;41:11 involved (5) 7:25;8:15,16,21,24 Island (3) 16:3;17:12;18:19 issue (2) 22:20;29:9 issues (2) 8:3;36:7 issuing (2) 28:12;29:9 items (1) 30:4 iterative (1) 14:24	17:5,7,14,16;18:15,24; 19:10,13,16,19,22;20:22; 21:7;22:4;24:17,22	35:13 list (1) 30:4 listen (1) 3:13 lists (1) 29:7 little (14) 9:12;11:8;14:23;16:16; 17:13,23;18:10;24:22; 27:23;31:5,6;32:3;33:15; 36:3 live (2) 7:9;31:21 LOBBY (8) 3:1;5:20;37:7;38:14, 23;39:23;40:5,16 local (5) 5:10;8:17;9:10;31:22, 23 located (8) 16:13,21,23;19:14; 21:12;23:16,20;24:17 location (4) 17:3;18:11;20:22;25:7 locations (5) 15:7;26:3,4,7,12 Logan (1) 27:11 long (7) 3:5;11:4;12:9;16:11, 18;26:1,11 longer (1) 6:2 long-range (1) 14:1 look (5) 3:15;7:2;12:7;15:7; 28:25 looked (2) 20:25;21:2 looking (7) 12:1;20:24;28:1;30:10; 34:16,18;38:20 looks (1) 35:1 lot (8) 3:21;5:11;6:23;8:21; 17:17;26:15;33:21;36:16 low-cost (1) 14:13	7:4;29:8 Manager (2) 27:8,12 manages (1) 8:5 Mankato (3) 10:22;15:24;17:1 manner (1) 9:22 many (3) 8:16;12:13;29:15 map (9) 15:17;16:4;20:15; 26:18,21,22,25;32:20,24 mapping (1) 15:1 maps (1) 32:23 March (3) 12:8,9,15 market (1) 23:23 materials (2) 21:20;25:16 mats (1) 25:11 matter (1) 38:17 may (5) 7:18;9:7;15:8;31:22; 34:6 maybe (1) 30:20 mean (2) 7:6;39:8 means (1) 17:20 meet (4) 30:25;33:14;34:21,24 meeting (11) 4:7,9,10;6:16;11:25; 12:22;30:17;35:5;36:3; 41:8,13 meetings (5) 3:5;4:3,4;11:24;35:7 member (1) 27:11 members (2) 9:14;40:9 mention (2) 8:13;38:16 mentioned (5) 22:2,9;28:15;33:14; 36:20 meter (1) 39:9 methods (2) 7:17;31:10 Midcontinent (1) 14:2 middle (3) 19:3,17;22:16 might (8)
	J	LaCrosse (2) 16:9;18:6 Lake (1) 39:4 land (3) 23:22,25;24:5 landowner (1) 34:7 landowners (8) 22:24;23:13,23;24:6; 25:4;31:24;32:21;34:8 larger (2) 34:13,15 last (4) 4:6;6:1;15:9;40:1 later (4) 8:10;9:3;12:19;23:7 law (2) 8:8,12 lead (1) 5:25 leading (1) 21:21 learn (1) 3:7 least (2) 29:6;33:12 leave (1) 37:8 left (3) 11:20;18:19;38:5 left-hand (1) 40:22 length (4) 10:11,15;16:15;33:20 lengths (1) 24:25 letters (1) 15:10 limit (1) 36:8 line (46) 4:1;6:19;9:6;10:3,9,13, 20,21,21,23;11:23;16:9, 12,14,20;17:7,17,21;18:6, 8,13,15,23;19:1,10,11,13, 19;20:16,22;21:7,11; 22:4;23:9,16;24:3,14,19, 22,24;25:20,23;26:10; 33:6,20;34:19 linear (1) 26:1 lines (13) 14:17;16:21;17:6,24, 25;21:1,4;23:17;27:24; 34:15,24;39:9,11 link (1)	L	
	K	keep (2) 36:6;37:20 Kellogg (2) 10:23;16:7 key (4) 13:22;21:23;26:13; 35:10 kilovolt (2) 10:20,21 kilovolts (2) 10:10,14 kind (13) 6:6;10:3;15:4;20:4,16, 23;21:8;23:19;26:9;32:7; 36:11;37:9;38:16 kV (21) 10:21,23;16:10,12,20;		
			M	
			mail (1) 35:19 mailing (2) 35:18;36:18 main (2) 8:14;34:8 Maintain (2) 36:8,9 making (2)	

6:22;9:5;26:9;30:11, 13:32:1,1;34:16 mile (3) 10:11,19;16:18 miles (1) 16:11 milestones (2) 11:5;21:24 mind (1) 29:6 minimize (6) 7:17;28:4;29:3;31:10; 32:15;33:23 Minnesota (8) 4:1;8:4;10:11,23;11:7; 14:6;21:19;27:9 minutes (1) 14:23 MISO (2) 14:2;22:9 missing (1) 13:3 mission (1) 9:18 Mississippi (3) 4:1;10:22;16:6 mitigate (11) 7:17;28:4;29:3,16,17; 31:10,14,14;32:15;33:8, 23 mitigated (1) 12:14 mitigates (1) 33:3 mmrtprojectcom (1) 26:15 mobilize (1) 25:15 Monday (1) 4:4 money (2) 39:2,19 month (2) 12:16,19 more (20) 4:21;6:4;10:10,10,14, 18;11:12;13:12;14:12,23; 16:16;17:13;24:25;31:6; 33:19,20;36:3;39:19; 40:23;41:2 most (5) 8:20;9:11;24:9,12; 36:14 move (2) 33:7,9 much (4) 3:2;8:22;40:12;41:8 multiple (6) 11:9;21:16;26:2,7,9,12 Municipal (1) 21:19 myself (4) 5:23;30:23;36:22;	40:24 N name (5) 6:4;27:7;36:5;38:10; 40:1 Natural (2) 8:25;9:17 near (3) 10:23;16:7;20:11 necessarily (1) 33:8 need (19) 10:1,6,7,8;19:15;22:15; 25:11;28:1,13;30:25; 31:3;32:6;33:10,12,14, 14,15;34:21;36:25 needed (2) 14:5;23:1 needing (1) 19:20 needs (5) 9:8;14:5;18:25;19:1,16 negative (1) 21:5 negotiate (1) 23:22 negotiations (1) 22:24 neighbor's (1) 33:7 neutral (1) 28:6 new (7) 10:19,20;14:17;17:9, 20;19:15;38:21 next (27) 6:7;13:23;14:20;15:15; 16:15;17:10;18:4;19:18; 21:12;22:6;23:10;24:6; 25:1;26:12;27:14,22; 28:13;29:5,18;31:16; 32:2;34:9;35:2,5,22,24; 36:15 nominal (1) 10:13 noon (1) 4:6 normally (1) 30:4 north (10) 10:24;16:2,5,18;17:12; 18:3,17;20:11,18;21:10 Northern (1) 20:23 note (3) 13:16;18:17;26:21 noted (2) 14:7;21:13 notifications (1) 37:2 Number (9)	4:25;8:23;14:25;15:2; 19:21;23:25;26:20;27:3; 29:14 O objective (1) 28:7 obvious (1) 20:14 obviously (2) 35:5;36:3 occur (1) 29:1 October (2) 12:3,8 off (3) 25:12;36:20;39:14 Office (1) 8:8 official (1) 3:18 officially (1) 11:11 often (1) 5:3 oftentimes (1) 23:13 once (6) 6:12;22:19;25:2,2,15, 22 one (30) 4:5,5;10:6,10;15:19; 18:7,16;20:13,14;23:12; 26:21,22;27:2;29:6; 30:17,24;31:7,19;34:2,3, 8;35:5,20;36:4,16,24; 37:21;38:9,21;41:2 ones (2) 9:10;35:24 online (6) 4:24;30:8;35:13;36:18; 37:13,25 onto (2) 14:9;25:21 open (5) 4:13;15:8;26:23;30:7; 37:24 operating (3) 10:13;18:22,24 operation (1) 24:2 Operator (2) 14:3,4 opportunities (3) 6:10;11:6;15:5 opportunity (7) 4:8;5:5,16;6:14,21; 12:23;27:21 opposite (1) 24:14 option (1) 4:12	options (2) 15:3;33:23 order (2) 10:2;40:8 others (1) 9:1 otherwise (1) 32:2 out (23) 3:6;4:21;5:23;6:5; 11:13;13:8;15:6,21; 16:25;20:13;23:2,12; 26:19;27:3;29:24;30:23; 31:24;33:21;34:2;35:12, 16;40:23;41:7 outreach (2) 15:10;22:12 outside (3) 4:18;11:14,17 over (19) 13:21;14:22,24;15:15, 24;16:2;18:10,20;19:9; 26:16;29:25;33:7,9;37:5; 39:3,3,5,6;41:2 oversight (1) 9:21 overview (2) 5:19;13:21 own (4) 21:25;22:4;35:10,19 owned (1) 19:11 P page (2) 35:10;36:18 paid (1) 23:23 Panait (1) 5:24 papers (1) 3:21 parallel (1) 26:6 part (15) 5:8;7:8;11:16;13:25; 14:1,14;15:22;16:8;17:3; 18:5;21:15;24:12;28:15; 29:20;30:10 participate (1) 6:21 participating (1) 41:9 particular (1) 8:17 parties (1) 5:15 partners (5) 21:3,14,16,23;22:2 parts (1) 30:5 party (1)	28:6 pass (1) 13:11 Paul (5) 38:9,9,12;39:25;40:2 pay (1) 39:21 people (5) 13:20;26:21,24;36:11; 39:1 people's (1) 39:5 period (11) 4:13,18;11:14,17; 28:22;29:22,25;35:21; 36:17;37:11;41:4 periods (2) 4:17;11:10 permanent (1) 23:21 permit (12) 3:11;9:4;10:12,24; 18:10;19:12;22:16,20; 28:13;29:10;36:25;41:11 Permits (6) 8:3;9:5,8;23:1,4;27:25 permitted (1) 18:13 permitting (2) 6:19;8:15 person (1) 36:9 perspective (2) 32:17;33:16 phase (1) 22:16 phone (4) 26:20;27:3;30:17; 37:23 piece (4) 5:16,17;19:2;23:22 pieces (1) 26:11 PIEPER (7) 38:12,12,15,25;40:2,2, 15 P-I-E-P-E-R (1) 40:3 pier (1) 25:18 Pine (3) 16:3;17:11;18:19 place (3) 7:2;10:18;24:14 placed (1) 23:9 plan (1) 29:17 planned (1) 10:25 planning (1) 14:1 please (7)
---	---	--	---	---

<p>27:15,22;32:2;34:9; 35:3;36:4;38:10 plenty (4) 4:14;12:16,25;37:12 pm (1) 41:13 point (11) 13:5;18:14;22:21; 23:10,12;27:13;28:20; 29:5,20;34:2;39:10 points (1) 26:9 pole (4) 24:9,10,11,15 poles (3) 16:22;19:7;24:12 Pollution (1) 9:1 polymer (1) 25:11 poor (1) 39:6 portion (8) 16:14,14,23;17:18; 18:20;19:15,16,20 possible (6) 7:23,8;22:12;14:14;16; 21:4;29:4 potential (10) 7:15,18;28:2,10,25; 31:7,10,15;32:9;33:1 potentially (2) 9:1,9 poured (1) 25:19 Power (5) 19:11;21:17,19;22:3; 39:18 pre-determined (1) 40:10 prefer (2) 35:18;40:20 preliminary (3) 15:2,11;22:13 prepares (1) 8:6 presence (2) 3:4;5:12 presentation (5) 5:2,19;6:13;7:21;37:4 press (2) 37:23;40:19 pretty (2) 17:16;31:19 previously (1) 34:7 primarily (2) 16:19;17:22 print (1) 35:12 private (1) 31:24 proceeding (1)</p>	<p>19:12 process (32) 3:10,24;4:17;5:8,12; 6:1,7,11,20;7:1,1;8:1,5, 10,22;10:5;11:4,8,16; 14:25;18:10;21:22;22:11, 17,19;23:5;25:2,3,5;26:1; 28:24;29:21 produced (1) 28:15 professional (1) 9:21 prohibited (1) 24:4 project (75) 3:11;4:2,7,24;5:6,22, 25;6:8,17;7:2,5,9,16;8:7, 13,19;9:5,24;10:7,17; 11:1;13:13,17,21,24; 14:5;15:4,5,17,19,23; 21:13;22:1,5,8,10;23:2,3; 24:7;26:1,11,13,14,19,20; 27:18;28:3,5,10,11,15,18; 29:2,12,12,18;30:6,25; 31:1,11,16,18,21;33:15; 34:12,13,18,21,22;35:2,8, 9,11,15;36:23 projects (5) 5:14;13:25;21:16;31:8; 34:16 property (5) 17:25;25:6;26:25;27:1; 39:11 proposed (28) 4:2;6:8,17;7:16;8:7,13; 10:16,21;18:7;22:14; 28:3,5,11,18,19,22;29:2; 31:8,11,15,18,25;32:11, 13,25;34:3,9,21 proposing (3) 7:19;10:19;18:16 provide (11) 3:8,13;5:15;6:17,18,20; 8:10;9:20;13:22;28:7; 30:19 provided (1) 14:22 providers (1) 9:22 providing (1) 9:2 public (26) 3:15;4:22;5:3,5,17,20, 22;6:14;8:1,9;9:12,23; 10:1;11:7,9,23;12:20; 15:8;21:18;22:12,18; 23:5;30:1,2;40:9,24 publicly (2) 4:11;11:11 PUC (6) 4:25;15:20;18:13;22:6, 20;40:8 purple (1)</p>	<p>16:1 purpose (2) 6:16;10:7 purposes (1) 24:1 pushing (2) 39:1,2 put (4) 32:7;39:4,5;40:8</p> <p style="text-align: center;">Q</p> <p>quick (1) 6:6 quickly (1) 10:16</p> <p style="text-align: center;">R</p> <p>Raise (3) 37:14;38:1;40:18 raised (1) 37:15 rates (1) 9:20 reach (7) 4:21;5:22;6:5;11:12; 26:19;27:3;40:23 read (3) 12:17;35:24;36:20 ready (2) 25:14;30:18 realized (1) 5:9 really (9) 3:3,9,15,23;5:9;7:11; 12:12;30:23;38:17 reason (2) 18:9;19:25 reasonable (1) 9:20 reasons (1) 21:1 receive (3) 10:1;22:21;37:1 recently (1) 20:19 recommendations (1) 8:12 recommending (1) 27:19 record (1) 3:18 records (2) 3:19;37:1 red (1) 11:8 reduce (1) 33:12 referenced (1) 34:11 referred (1) 31:4</p>	<p>refined (1) 15:12 regarding (1) 31:16 region (1) 14:11 regional (2) 14:3,18 regulate (1) 9:16 regulation (1) 9:21 relation (1) 27:1 released (1) 12:15 reliability (2) 14:10;21:1 reliance (1) 14:10 relocate (1) 19:13 relocated (1) 19:20 relocation (2) 22:4,5 remainder (1) 6:13 reminder (2) 35:21;38:3 renewable (4) 14:9,12,13,19 replace (1) 39:12 report (1) 8:11 reporter (6) 3:17;36:5;37:19;38:11; 39:25;40:4 request (2) 26:22;27:4 require (1) 10:12 required (2) 10:8;23:1 requirements (1) 9:24 requiring (1) 36:7 rerouting (1) 16:12 resolve (2) 33:11;40:7 resource (1) 30:10 Resources (5) 8:25;30:9,13;31:22; 32:9 respect (2) 36:8,9 responsibility (1) 39:12 restoration (2)</p>	<p>23:10;25:25 result (2) 29:11,12 review (16) 3:19,20;6:7,11;7:1;8:5; 21:23;22:6,17;27:8,10, 12,18,24;30:5;33:16 reviewed (2) 21:20;41:10 reviews (1) 8:2 Rich (4) 6:9;27:7;39:5;40:24 right (12) 6:1;11:6;13:25;18:3; 19:13;23:21,21;28:23; 35:13;39:2,23;41:2 right-of-way (8) 17:9;21:11;23:14,15; 24:18,23;25:6,14 rights (1) 23:24 River (3) 10:22;16:6;19:9 roads (3) 9:7;23:18;25:12 Rochester (9) 10:24;16:2,5;18:4,17; 20:18,24;21:10,18 role (1) 27:17 room (1) 17:9 rounds (1) 15:8 route (46) 6:19;7:19,19;8:3; 10:12;15:2,5,13,25; 16:17,18;17:12,19,22; 18:7,16;19:21,23;22:11, 15;27:19,25;28:12,20,21; 29:10,13,13;31:13,17,25; 32:4,4,10,13,17,17,22,22; 33:4,5,12;34:14;36:13, 13,25 routes (10) 14:21;15:11;22:14,21, 23;27:1;29:10;31:13; 34:8,14 rubber (1) 40:11 rule (1) 20:13 run (2) 10:22;21:9 runs (3) 15:24;18:3;20:22</p> <p style="text-align: center;">S</p> <p>safe (2) 9:18;24:2 Sam (8)</p>
---	--	---	---	---

5:20;13:14,14;27:7; 28:15;31:3;33:14;37:5 same (6) 16:13;23:15;26:4;35:7, 24;36:19 schedule (1) 22:8 scheduled (1) 11:1 scope (7) 6:22,22;7:5;29:25; 30:3,23;36:12 scoping (9) 12:5;20:20;27:18; 28:22,24;29:21,23;30:7; 34:1 screen (3) 5:1;18:19;39:16 second (4) 19:6,10;31:7;38:20 section (3) 17:24;19:3;22:17 sections (1) 34:14 secure (1) 22:24 seeing (3) 38:7;41:1,6 segment (31) 7:19;15:2,22,25;16:1,4, 7,9,17,19,23,24;17:3,11, 12,15,22;18:2,5,7,25; 19:10,22;21:14,15;28:21; 32:4,17,22;33:5;36:13 segments (6) 15:13,21;21:25;24:17; 31:13;34:14 selected (1) 22:23 selecting (1) 29:10 selection (1) 29:9 selects (1) 34:3 Senate (1) 9:16 send (1) 35:12 separate (4) 10:20;15:21;19:12; 31:5 separately (1) 22:3 September (2) 13:9;15:9 sequence (1) 26:8 serve (1) 28:6 service (4) 9:17,22;11:1;23:9 services (1)	9:19 session (4) 3:3;6:14;13:16;36:2 set (4) 15:14;16:22;19:6;34:7 sets (1) 26:5 setting (1) 8:11 several (1) 12:16 shake (1) 33:21 shape (2) 7:10;30:2 share (3) 5:8,16,17 sharp (1) 24:11 sheet (2) 35:6,8 shove (2) 38:19;39:15 showing (1) 26:25 shown (4) 16:1,4,10,17 side (8) 18:19,24;19:10;20:3, 17;21:25;24:19,24 sides (1) 24:14 significant (2) 7:4;29:6 significantly (1) 17:25 similar (2) 20:5,12 single (4) 16:22;24:8,10,12 single-circuit (1) 19:5 Site (2) 8:3;25:16 situation (1) 20:5 size (2) 31:1;34:17 slide (28) 13:23;14:7,20;15:16; 16:15;17:10;18:4;19:18; 21:12,17;22:7;23:11; 24:6;25:1;26:12;27:14, 22;28:13;29:19;31:5,16; 32:2;34:9;35:3,22,25; 36:15;37:8 slides (1) 34:12 smaller (4) 17:17;20:4,9;24:22 snapshot (1) 11:3 soil (2)	25:5,7 sold (1) 39:20 somebody (2) 33:9;39:15 someone (1) 4:22 someplace (1) 39:18 sometime (2) 23:7;25:19 somewhat (2) 23:14;29:25 sorry (1) 39:19 sort (1) 15:20 souls (1) 39:20 sound (1) 6:22 sounds (1) 37:7 south (6) 16:24,24;17:3,22,23; 21:8 Southern (1) 21:19 span (2) 12:9;24:25 spans (1) 24:20 speak (9) 5:5;37:18,22,25;38:3,8; 40:13,17;41:7 speaker (1) 36:4 speaking (2) 4:11;41:1 specific (7) 9:5;23:4,21,22;26:21, 25;30:13 specifically (4) 13:13;23:2;29:7;36:23 spell (2) 36:5;38:10 staff (4) 9:14;33:18,24;36:21 stakeholder (2) 22:12;23:5 stakeholders (1) 15:10 staking (1) 25:6 stamped (1) 40:11 standard (2) 12:7;30:4 start (1) 10:25 started (2) 22:10,11 starting (3)	15:15;21:8;23:7 starts (2) 25:5,17 state (5) 8:23;9:10,16;36:4; 38:10 stated (1) 30:25 Statement (9) 6:24,25;8:7;9:3;12:3, 11;13:7;28:16;38:24 state's (1) 6:18 stations (1) 26:24 stay (1) 16:25 steel (1) 24:9 still (7) 4:14;6:4;23:25;38:4,7; 40:14;41:4 straight (1) 17:24 strategies (2) 29:2,17 stringing (2) 25:22,23 structure (2) 24:15,25 structures (7) 16:13;19:14;24:9,11, 20,21;25:20 study (6) 7:1,7,11,13;12:6;34:25 studying (1) 12:2 stuff (6) 3:22;13:4;17:17;21:21, 24;25:8 submit (9) 4:12,15;11:15;30:15; 35:6,14,16;38:6;41:5 submitted (3) 11:21;22:14;33:13 subscribe (1) 37:3 subsegment (1) 20:9 subsegments (1) 20:4 substantially (2) 33:19,20 Substation (9) 15:23;16:3,5;18:4,18; 19:2;20:18,23;21:10 suggest (2) 32:3,22 suggested (2) 30:21;32:16 support (1) 14:5 supports (1)	14:18 sure (5) 8:20;12:13;30:14,16; 34:5 surveys (1) 25:5 System (10) 14:3,10,10,14,20; 27:19;28:21;31:4;34:10; 36:14 <hr/> <p style="text-align: center;">T</p> <hr/> table (3) 30:1,3,8 talk (5) 3:8,25;4:19;6:10;7:5 talked (1) 31:3 talking (3) 12:24;13:24;24:8 team (3) 13:17;15:6;27:11 technical (1) 10:4 telephone (1) 9:18 telling (2) 3:4,5 terms (3) 10:3,4,5 terrain (1) 24:16 thanks (3) 3:24;13:14;41:11 third (2) 11:23;28:6 though (3) 4:8;11:17;36:8 thoughts (1) 3:9 three (1) 9:16 throat (1) 39:15 throats (1) 38:19 throughout (6) 4:17;7:20;10:4;14:11; 23:4;25:25 timeline (1) 11:20 times (3) 11:10;33:21;36:21 timing (1) 34:17 today (17) 3:17,23,25;4:6,9;5:4, 16,20;11:24,25;12:19,21, 24;13:16;35:4;41:5,9 together (3) 16:22;21:5;32:24 told (1)
---	--	--	---	--

12:18 tonight (4) 3:3;6:20;7:8;11:11 tools (1) 15:1 top (1) 38:5 topics (1) 35:23 touch (2) 7:24;10:16 towards (3) 7:22;30:8;36:12 towns (1) 17:8 track (2) 36:25;37:20 transformer (1) 39:10 transmission (15) 4:1;6:19;10:3,9,13,20; 14:1,4,7;17:21;18:1; 23:17;24:3;27:24;34:19 Transportation (2) 8:25;9:7 tree (1) 25:9 Trevor (1) 5:21 triangle (1) 20:17 truly (1) 3:6 trust (1) 39:13 try (6) 7:22;8:17;11:14;14:16; 28:7;32:23 trying (1) 32:15 Tuesday (1) 4:5 turn (1) 37:5 TV (1) 39:16 two (10) 4:4,4;10:3;15:8,25; 16:17,21;19:23;20:6;26:5 type (7) 31:2;34:17,22;37:17, 18,19;40:18 types (2) 24:3;25:8 typical (3) 24:15,18,22 typically (4) 23:2;24:21,25;26:2	unavoidable (2) 29:7,13 under (3) 4:25;22:6;35:10 underway (1) 22:19 unfamiliar (1) 6:23 unique (1) 31:17 unit (2) 8:2;27:10 units (2) 7:25;8:14 unmuted (1) 38:9 up (19) 5:1;10:4;12:4,10; 15:14;20:11,17;21:9; 25:21;29:16;30:7,12; 35:19;37:8,24;38:5;39:9; 40:14,22 updating (1) 14:15 upgrading (1) 14:15 upper (1) 40:22 use (3) 23:13,25;40:18 used (2) 23:17;39:8 useful (3) 5:10;7:12,14 using (2) 14:25;19:7 usually (2) 9:10;24:9 Utilities (11) 4:22;5:4,21;8:1;9:13; 10:2;11:7;21:18;22:18; 23:18;40:24 utility (5) 9:19,21;21:3,16;22:2	voice (1) 5:5 voltage (2) 10:13;34:20	21:10;23:16;24:4 without (1) 21:5 wondering (1) 30:20 word (1) 18:18 work (6) 8:17;25:13;26:10; 32:20;33:17,24 worked (1) 21:2 working (8) 19:12;21:14,20,22; 23:13;24:6;25:4;34:7 works (1) 6:11 write (2) 35:18;37:12 written (6) 3:20;4:12,13;38:4,6; 40:20	161 (13) 10:21,23;16:10,12; 18:24;19:10,13,19,22; 20:22;21:7;22:4;24:22
		W		2
		Wabaco (2) 19:4,9 Wabasha (1) 22:5 wait (1) 23:2 walk (1) 37:5 wants (2) 37:25;38:7 way (5) 20:17;21:9;29:22; 32:18;37:13 ways (3) 16:24;28:4;30:24 web (2) 15:5;36:18 webpage (5) 30:6;35:8,9,15;36:23 website (2) 4:25;26:14 week (2) 3:5;4:4 weeks (1) 12:16 welcome (3) 6:5;11:12;40:23 weren't (1) 17:2 west (4) 15:22;19:24;20:17; 21:25 west/southwest (1) 20:5 western (1) 19:20 wetland (1) 25:12 what's (6) 10:17;28:19;32:10,24; 38:21;39:25 whenever (1) 11:13 White (1) 39:4 whole (3) 12:9;15:18;34:12 width (3) 24:18,23;33:20 willing (1) 32:20 Wilmarth (1) 15:23 Wisconsin (1) 16:6 within (3)	X	2 (6) 16:1;17:11,12,22; 21:25;24:17 20 (1) 16:11 2022 (1) 22:9 2023 (1) 22:10 2024 (2) 12:8;22:17 2025 (5) 12:8,9,20;13:8,10 2026 (3) 10:25;22:17;23:7 2030 (3) 11:2;23:8,8 20-mile (1) 10:21 22-532 (1) 4:25 23-157 (1) 4:25
			Y	3
			year (5) 6:2;11:22;12:3;15:9; 22:14 years (1) 18:10 Yep (2) 13:14;38:14 yesterday (1) 4:5	3 (6) 16:4,7;18:5;21:15; 22:1;24:18 300 (2) 10:10;25:1 345 (7) 10:19,21;18:15,24; 19:5,16;24:17 345/161 (1) 18:22
			1	4
	V		1 (14) 4:13;15:22;16:17,23; 17:3,15;21:25;24:17; 33:13;35:21;36:17;38:4; 40:21;41:3 10 (1) 18:10 100 (3) 10:14;24:15,23 115 (1) 16:20 1200 (1) 24:21 130 (1) 10:19 150 (2) 24:16,18 1500 (1) 10:14	4 (6) 16:9;19:22,24,24; 21:15;22:1 40 (2) 16:18;24:24 4B (1) 20:11 4C (1) 20:11 4E (1) 20:2 4F (1) 20:3 4L (1) 20:6 4M (1) 20:6
U				
ultimately (1) 28:8	value (1) 23:23 variety (1) 14:6 vegetation (1) 25:9 verbal (1) 35:4 verification (1) 15:6 via (1) 27:3 view (1) 29:22 virtual (6) 3:2;4:3,6,7,9;12:21			

5				
50 (1) 24:24 500 (1) 25:1 52 (3) 20:1,2,3				
6				
6:57 (1) 41:13 69 (4) 17:5,7,14,16				
7				
75 (1) 24:19				
8				
80 (2) 9:14;24:23 800 (1) 24:21				

In The Matter Of:

*Mankato-Mississippi River 345 kV TL Project
Info & Scoping - 22-532 & 23-157*

VIRTUAL - 7-11-24 - 12:00 P.M.

July 11, 2024

Virtual - 7-11-24 - 12:00 p.m.

Shaddix & Associates

7400 Lyndale Avenue South

Suite 190

Richfield, MN 55423

Page 1

1 PUBLIC INFORMATION AND
 2 ENVIRONMENTAL IMPACT STATEMENT (EIS) SCOPING MEETING
 3 July 11, 2024 - 12:00 p.m.
 4 MINNESOTA DEPARTMENT OF COMMERCE
 5 AND THE MINNESOTA PUBLIC UTILITIES COMMISSION
 6
 7 In the Matter of the Application of Xcel Energy for a
 8 Certificate of Need and Route Permit for the Mankato -
 9 Mississippi River 345 kV Transmission Line Project in
 10 Southeast Minnesota
 11
 12 DOCKET NO. E002/CN-22-532, E002/TL-23-157
 13
 14
 15 Hearing held virtually via WebEx
 16
 17
 18
 19 July 11, 2024
 20 12:00 p.m.
 21
 22
 23
 24
 25 REPORTER: Katriina Hendrickson, RPR

Page 2

1 SPEAKER	PAGE
2 Sam Lobby	3
3 Ellen Heine	14
4 Rich Davis	27
5 Ben Skibsted	39
6 Deanna Hiller	41
7 Jacob Randa	44
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

Page 3

1 **MR. LOBBY:** This is the first virtual
 2 meeting today, so we appreciate your presence here.
 3 My name is Sam Lobby. I'm with the Public Utilities
 4 Commission, and I just want to start by thanking you
 5 very much being here today. Your presence is really
 6 important for the decision-making process for the
 7 Commission and for the commissioners. So your time,
 8 you know, we recognize that this is kind of time out
 9 of your day and effort for you, but we really
 10 appreciate you being here. And it makes a big
 11 difference in the decision-making progress.
 12 I like to let folks know that when you
 13 attend these meetings and if you leave any comments
 14 or anything, we do have an official court reporter
 15 here who is going to be keeping an official record.
 16 And the commissioners do review those transcripts
 17 and they do review the written comments. And when I
 18 provide a final briefing paper, they are always
 19 very, very interested in what the local population
 20 near the project thinks. So the time you're
 21 spending to come here today is really, really
 22 helpful, and we very much appreciate you being here,
 23 so thank you.
 24 We are here today to talk about the
 25 Mankato to Mississippi River 345 kilovolt

Page 4

1 transmission line project being proposed by Xcel
 2 Energy. We are here today for a public information
 3 and environmental scoping meeting. So the first
 4 half will be the public information part where we
 5 tell you about the project and the review process,
 6 and then the second part will be getting comments
 7 from you about how we should do the environmental
 8 review for this project. So the comments you're
 9 giving us today will help us to shape how we study
 10 and do the environmental review on this project.
 11 We've had public meetings going all week.
 12 We had two on Monday, one in the afternoon, one in
 13 the evening. Same thing on Tuesday. And then we
 14 had one yesterday evening, and then now we have the
 15 first virtual, of course, is happening right now,
 16 and then we have another one at 6:00.
 17 So all of the meetings are covering the
 18 same thing, so if you go to one, you'll be seeing
 19 the same thing at all of them. And if you, you
 20 know, see this meeting but you don't make any
 21 comments and you later on tonight think about, oh, I
 22 should have said that, well, you still have plenty
 23 of time to comment. There is a written comment
 24 period that goes until August 1. And a question I
 25 get sometimes from folks is they wonder if their

Page 5

1 comment will be -- take more weight if it is an
2 in-person or a verbal comment as opposed to a
3 written comment. And the answer to that is that
4 both verbal and written comments are weighted
5 equally. So if you're somebody who doesn't really
6 want to speak publicly, you are more than welcome to
7 submit a written comment. And those, again, the
8 comment period closes on August 1.
9 So this project could be found on the
10 Public Utilities Commission website under Docket
11 Numbers 22-532 and 23-157, as you can see up on the
12 screen here. And we will cover a little bit more
13 about how to comment and how to follow things
14 throughout this presentation. And the last thing
15 I'll say before I dig into the presentation, just
16 context so folks know, the Public Utilities
17 Commission is here to give you, the public, a voice.
18 Decades ago this wasn't a process that happened, so
19 this process has been created to make sure that
20 folks that are on the ground in the project area do
21 have an opportunity to voice their opinions, to give
22 us comments, and provide feedback. That is
23 incredibly useful for making a decision as to either
24 whether or not a project does get permitted in the
25 first place, or if it does get permitted, how it

Page 7

1 project itself. And after that, Rich Davis with the
2 Department of Commerce, Energy Environmental Review
3 and Analysis Unit, will talk about that
4 environmental review process and how your comments
5 can both help the project or, you know, help the
6 decision-making process, rather, as well as how to
7 make those comments. So once we go through our
8 presentation here, then there will be an opportunity
9 for questions. The rest of it is the opportunity
10 for questions and comments for folks that are tuning
11 in today.
12 So the purpose of today's meeting is,
13 firstly, to provide information about the proposed
14 project, as well as information about the state's
15 high-voltage transmission line route permit process.
16 We want to provide an opportunity for you to
17 participate in developing the scope of the
18 Environmental Impact Statement. So you will see
19 that acronym EIS. That is the acronym for
20 Environmental Impact Statement, and that's an
21 important term to follow and to be aware of during
22 this process. And when we talk about the scope of
23 the Environmental Impact Statement, what we're
24 talking about is the scope as in what it will be
25 looking at, what we will be studying. And again,

Page 6

1 will be permitted. You folks on the ground, you
2 know your towns better than anybody else, and so
3 your -- the information you can provide to us can be
4 extremely valuable in decision-making. So once
5 again, thank you very much for taking the time to be
6 here today.
7 So with that, I will dig into the
8 presentation, so just a brief agenda of what we're
9 going to be covering today. The introduction and
10 review process. My name is Sam Lobby with the
11 Public Utilities Commission, and Trevor Culbertson
12 is also with the Public Utilities Commission. He is
13 the public advisor for the project. Just a note on
14 that, I am filling in today for Cezar Panait with
15 the Public Utilities Commission. He was,
16 unfortunately, not able to be here today. But this
17 is an over a year-long process, and so if you follow
18 this, you will end up seeing Cezar's name. He is
19 the staff member that you'll see the most. But with
20 that said, you're always more than welcome to reach
21 out to me and I can help you out or direct you to
22 the right place. And Trevor is on the project so
23 you can also reach out to him.
24 After I talk about the review process, Ms.
25 Heine with Xcel Energy will talk about the proposed

Page 8

1 that's where your comments can be really helpful for
2 us to shape the study and what direction we go with
3 that.
4 So the sorts of comments that can be
5 useful are things like comments on potential impacts
6 of the proposed project, as well as comments on
7 methods to minimize, mitigate, and avoid potential
8 impacts, which may include proposing an alternative
9 route or route segment for consideration. And Rich
10 will talk a lot more about this in his presentation.
11 We'll also provide contact information in case you
12 have any questions later.
13 One quick note, I did say that the comment
14 period, this portion of the comment period closes on
15 August 1. There will be other comment periods
16 throughout this process so this is not the only one.
17 We like folks to get comments in on time in those
18 comment periods, but that said, if you ever have any
19 questions or you want to talk about something or
20 reach out even if it's outside of a comment period,
21 you're always more than welcome to reach out to
22 myself or Trevor or Cezar or Rich or someone from
23 Public Utilities Commission or Department of
24 Commerce, and we're more than happy to help you.
25 So the government units that are involved

Page 9

1 in this process are, of course, us, the Public
 2 Utilities Commission. We are the government unit
 3 that reviews applications and issues Site and Route
 4 Permits in Minnesota. The Public Utilities
 5 Commission is not for or against this project or any
 6 projects that come before us. We're not affiliated
 7 with any of the companies. We are here to allow all
 8 the different parties to have their voice and to
 9 speak, and today is about letting the public have
 10 your voice and share your comments and concerns.
 11 Additionally, the Department of Commerce
 12 manages the environmental review process for the
 13 Commission and they prepare the Environmental Impact
 14 Statement on the proposed project. Similarly, they
 15 also are not for or against any projects, just
 16 evaluating and fact-finding. Also, an
 17 administrative law judge from the Office of
 18 Administrative Hearings will facilitate a public
 19 hearing later on in the process and provide a report
 20 to the Commission setting forth findings of fact,
 21 conclusions of law and recommendations on the
 22 proposed project. In a couple of slides here, I'm
 23 going to show you a timeline to kind of give you a
 24 sense of what is going to happen here throughout
 25 this permitting process, and I'll talk about the

Page 11

1 efficient utility services at fair and reasonable
 2 rates. And we provide independent professional
 3 oversight and regulation of utility service
 4 providers in a manner that is consistent with the
 5 public interest.
 6 So little background on the project
 7 requirements and what needs to happen for this
 8 project to be permitted. A couple of other
 9 important terms that you'll want to know as you
 10 follow this process are Certificate of Need, or CN,
 11 and Route Permit. So those are the two official
 12 terms that will be used as far as what they are
 13 required to have in order to do this project and
 14 what they are seeking from us, the Public Utilities
 15 Commission.
 16 So the Certificate of Need is any -- is
 17 required for any high-voltage transmission line with
 18 a capacity of 300 kilovolts or more with more than
 19 one mile of its length in Minnesota. And then the
 20 Route Permit is required for any high-voltage
 21 transmission line operating at a nominal voltage of
 22 100 kilovolts or more and greater than 1500 feet in
 23 length. So Rich will talk a little more about these
 24 aspects too and how you can comment and help to
 25 provide feedback on whether or not these two parts,

Page 10

1 administrative law judge at that point.
 2 So these are the three government units
 3 that are directly involved in the permitting process
 4 but there are many others that are involved. The
 5 Commission always likes to get as much feedback as
 6 we can from the local units of government because,
 7 again, folks on the ground in the project area know
 8 the area the best and can often give us the best
 9 feedback and information. Additionally, there may
 10 be, very likely, many other state agencies involved
 11 like the Department of Transportation, the
 12 Department of Natural Resources, the Pollution
 13 Control Agency, all sorts of different agencies.
 14 They might be involved in terms of giving us data
 15 for the environmental review or they also may have
 16 permits that the applicant would need to get should
 17 the project be permitted. And there also may be
 18 federal agencies or other government agencies
 19 involved.
 20 So the Minnesota Public Utilities
 21 Commission is consisting of five commissioners that
 22 are appointed by the governor and then confirmed by
 23 the State Senate. We regulate three service
 24 industries, electricity, natural gas, and telephone.
 25 Our mission is to ensure safe, adequate, and

Page 12

1 you know, the Certificate of Need and the Route
 2 Permit, whether or not those should be granted or
 3 how.
 4 So I will just very quickly cover just a
 5 snapshot of the overall project but I won't get too
 6 into it since Ms. Heine with Xcel will be talking
 7 about the -- more of the details of the project. So
 8 Xcel is proposing to build a new approximately
 9 130-mile 345 kilovolt transmission line and a
 10 separate new 20-mile 161 kilovolt transmission line.
 11 The proposed 345 kV line will run from Mankato to a
 12 Mississippi River crossing near Kellogg, Minnesota.
 13 And the 161 kilovolt line will be built north of
 14 Rochester. If a permit is issued, construction is
 15 planned to start in 2026 and the project would be
 16 scheduled to be in service by 2030.
 17 So I mentioned I'd show you a timeline
 18 here to give a snapshot of, kind of, what to expect
 19 throughout the process. You can see on the left
 20 here are, you know, important dates where different
 21 parts of the process are happening. And on the
 22 right you can see it shows what the process looks
 23 like and those little purple blurbs there say time
 24 for public comments. So that will give you an idea
 25 of when there are official comment periods where you

Page 13

1 can provide your comments. But, again with that
2 said, any time throughout the process, you're more
3 than welcome to reach out with questions or anything
4 that you have about the project to me or to any
5 folks at Public Utilities Commission or Commerce.
6 So the application was submitted in April
7 of 2024 and then accepted by the Commission at the
8 end of June. The third line down are the public
9 information meetings that we are, of course, doing
10 right now. And today's meeting, as I mentioned, we
11 are getting information from you to help us shape
12 the direction that we go for the environmental
13 analysis. Then once we get your feedback and we
14 compile that and decide officially here is what the
15 scope is, the things we are going to study, then we
16 will release that in October of 2024. And then from
17 October of 2024 to March 2025, that's how long it
18 will take to actually complete the environmental
19 review. So it is a very detailed, comprehensive
20 environmental review. Then in March of 2025, a
21 draft version of the Environment Impact Statement
22 will be released and it will be available for you to
23 look at and to review. And you should have several
24 weeks or a month or so to digest that and think
25 about it and look it over. And then in April of

Page 15

1 Thanks, Sam. Yep, my name is Ellen Heine with Xcel
2 Energy, and I'm just going to go through an overview
3 and a description of the project itself. And I will
4 have to prompt Sam to advance the slides because I
5 can't control them. So next slide, please.
6 Yep, so this project, the Mankato to
7 Mississippi River transmission project is one of a
8 group of projects that were identified by MISO, the
9 Midcontinent Independent Systems Operator, which is
10 the regional grid operator in our region. It's one
11 of the long-range transmission projects that's been
12 identified. And so all of these projects, LRTP
13 projects as a whole, have been identified to support
14 the energy needs in Minnesota and the adjacent
15 region. And so as a whole, this project and the
16 similar other projects like it, did a number of
17 things to help strengthen the grid, as it's noted
18 there first, adding transmission capacity to
19 accommodate increasing amounts of renewable energy
20 that are coming onto the system. It helps improve
21 reliability and system resilience throughout the
22 region once those are constructed; creates greater
23 access to low-cost renewable energy that's able to
24 connect and be on the grid. And also as part of
25 this, it helps upgrade and update existing

Page 14

1 2025, a month or so later, you will have an
2 opportunity to come here just like we are today both
3 in person and public -- and virtual hearings. And
4 then, you know, where today you are giving us
5 information on how to shape the study, then in April
6 of 2025, you will be here to react to what happened
7 in the study. So you will have a chance to provide
8 feedback on what we actually looked at. Did we hit
9 the things you were concerned with? Was it -- Did
10 we do enough? Should we do more? Are there things
11 that look good that you support? You know, any sort
12 of comments you have on that, you will have a chance
13 to come back and let us know. And at that public
14 hearing, that will be overseen by an administrative
15 law judge. So the judge will issue a formal report
16 and all the legal aspects of the case. Then once we
17 take your comments on the draft impact statement,
18 then we'll use those to update the final EIS, which
19 will then be issued in June or July of 2025. And
20 the Commission's final decision will come in
21 September of 2025.
22 So with that said, I will pass it along to
23 Ms. Heine with Xcel Energy to talk about the
24 project.
25 **MS. HEINE:** A little bit of lag time.

Page 16

1 infrastructure in facilities that are located within
2 the region, which provides jobs and increases tax
3 revenue and supports economic growth through those
4 construction projects. Next slide.
5 So this project -- and I'll go over these
6 a little bit more in the next couple slides here.
7 The routes that have been displayed in the
8 applications that we submitted, those were all
9 developed, kind of, through an iterative development
10 process that we worked through starting earlier in
11 2022. And the goal of those is to minimize impacts
12 to the environment and to humans through -- trying
13 to avoid areas when possible. So initially the
14 development of the draft routes that we looked at
15 used desktop mapping, a lot of different
16 environmental and other layers of features that we
17 had available to us to develop some preliminary
18 route. And then based on those preliminary routes,
19 then we did some field verification. The team went
20 out on site and looked at things and got a little
21 bit of on-the-ground feedback. And then in 2023, we
22 did two rounds of public open houses in May and
23 September where we went out with a number of those
24 initial routes on maps and got additional feedback.
25 And so based on all that information, then, we took

Page 17

1 those in and refined routes and eliminated some of
2 the initial ones that were shown in the earlier
3 maps. And so what you see in the application at
4 this point has gone through that process. Next
5 slide.

6 So the project as a whole, as Sam noted,
7 it's about 120-mile long 345 kV line. And we've
8 defined it in segments. It's really -- the 345 kV
9 portion is Segments 1, 2, and 3. And on the map in
10 this overview, you'll see 1 is the orange area to
11 the west; and then the middle Segment 2 from
12 Faribault to the North Rochester Substation.
13 Segment 3 is from the North Rochester Substation
14 over to the Mississippi River. And then Segment 4,
15 which is shown in blue on that map, is a 161 kV
16 portion where approximately 20 miles of 161 kV line
17 need to be constructed because the line is currently
18 located on the same structures as 345 kV on part of
19 Segment 3. And I'll go over that in more detail on
20 the next slide. So if you want to go to the next
21 one.

22 So Segment 1 from the Wilmarth Substation
23 in Mankato to -- it won't connect at the West
24 Faribault Substation but very close to that,
25 anticipating future need to connect at that sub.

Page 19

1 the north route for Segment 2 does also follow a
2 significant chunk of an existing 69 kV line that's
3 currently located there and would, again,
4 double-circuit with that line in those portions that
5 follow. It comes out and goes around the south side
6 of Faribault rather than travelling through the city
7 because, again, that's a narrower corridor and
8 inadequate for a 345, and also bypasses Kenyon, as
9 you see there. Segment 2 south is mostly what we
10 call a green field route where it's not following
11 existing transmission lines. So it's a combination
12 of some roads and section lines along fields for
13 that segment. And that's 35 to 40 miles, depending
14 on which route was selected in that case. And next
15 slide.

16 Then Segment 3, this one is actually a
17 portion of the CapX2020 Hampton to LaCrosse project.
18 So this is the North Rochester to Alma segment of
19 that line. The first -- the first portion that you
20 see on the west there -- from the substation over to
21 what's identified on the screen as Chester Junction,
22 that portion of the line is actually constructed
23 already. It's double circuit. And right now it's
24 345 kV and then operating at 161 kv on the opposite
25 side. And as part of the proposed Segment 3, we

Page 18

1 There is essentially two routes to segment. One,
2 there is a north option and a south option. The
3 north option mostly follows an existing 115 kV
4 transmission line between those two substations that
5 I mentioned. There is a portion that jogs south for
6 a ways before rejoining the 115 kV line out by
7 Madison Lake. And that is because the Mankato
8 airport is located along that segment and there are
9 restrictions to constructing anything above ground
10 in an area between Eagle Lake and the airport there
11 that made that not possible. Segment 2 south
12 follows a good portion of an existing 69 kV line and
13 would -- and in both these cases, these would
14 double-circuit with those lines if those routes were
15 selected. There are some portions of that Segment 1
16 south that diverge from the 69 kV alignment to go
17 around some more populated areas where there's town
18 there, and the smaller 69 kV is able to pass through
19 but a 345 kV would be too large. And then there are
20 two alternatives to Segment 1 south that you can see
21 on the map, the 1M and 1L shown there. And those
22 are just a couple of smaller options to that
23 alignment. Next slide.

24 And then Segment 2 is between the
25 Faribault and the North Rochester Substation. So

Page 20

1 would just utilize that 161 kV circuit, convert that
2 to 345. There is another -- the portion between
3 what's called Chester Junction and Wabaco Junction
4 on that screen shot. There's a single-circuit 345
5 kV located on those structures right now. The
6 second circuit has not been installed. But in those
7 cases, we would be installing that second circuit on
8 the existing structures. And then from the point
9 labelled as Wabaco Junction over to the Mississippi
10 River crossing, that is also constructed
11 double-circuit right now. And that's operating at
12 345 kV on one side and 161 on the opposite side as
13 well. That's a Dairyland Power owned 161 kV line,
14 and there is a separate permitting process underway
15 currently to relocate that 161 line as well. So
16 Dairyland Power is currently working through the
17 permitting process on that. So in this case, we
18 haven't proposed an alternative alignment to the 345
19 because that was evaluated as part of the CapX
20 project, and it was determined that at a future
21 date, this should become a double-circuit 345. Next
22 slide.

23 So Segment 4, as I mentioned, is
24 approximately 20 miles. It would be a new
25 single-circuit 161 kV line. In some cases along

Page 21

1 this route, there are portions where we are
2 proposing to double-circuit with existing 69 kV
3 lines that are located in the -- in the area. But
4 we've got a few different options here and some,
5 like, smaller subsegments that were included in the
6 application as well. It's a little bit more densely
7 populated in this area so a few more challenges as
8 far as routing goes on that. But essentially what
9 we've identified as an east route and a west route
10 in this case, and I'm not exactly sure why but we
11 crossed them right there at Highway 52, so Segment 4
12 east is actually the one that is south once you get
13 over to the east side of it. But what those do is
14 they take from a point on that existing 161 kV line,
15 it continues on to the south to the Chester
16 Substation near Rochester. And so it's just
17 relocating the northern portion of that line.
18 You'll see on this map there is a dashed blue line
19 that goes up, kind of, through the middle of that
20 triangle kind of towards the west side. That is the
21 -- there is an existing 161 kV line there as well
22 that was the North Rochester to the Northern Hills
23 line that was also constructed during the CapX
24 project days. That line initially we did not
25 include in our application as a proposed route

Page 23

1 said, but the anticipated project schedule. This
2 project, as I mentioned, was identified by MISO in
3 2022 as a needed project. And in '23 we began
4 developing route alternatives and going through that
5 process of route development. Then we did the
6 public and stakeholder outreach, the open houses and
7 the mailings that went out. And some preliminary
8 engineering has been completed on the proposed
9 routes. The Certificate of Need and Route Permit
10 applications were submitted earlier this year. And
11 we're currently in the middle phase there. The
12 Minnesota Public Utilities Commission and Department
13 of Commerce will be evaluating the application. And
14 then assuming that we get a permit for this project,
15 by -- once we know the routes that have been
16 selected, then we'll complete final engineering for
17 the project, and then also at that point, begin
18 negotiations with landowners to secure easements for
19 the final route, and in addition, obtain additional
20 required permits. There are typically some other
21 agency permits that are needed but we wait until we
22 know which route is selected before we obtain those.
23 And throughout that entire process, there's
24 continued outreach and stakeholder engagement with
25 the public and other local governments and stuff

Page 22

1 because our initial evaluation was that we could not
2 double-circuit those lines together for liability
3 reasons. But we did work with our utility partners
4 and did some additional evaluation and were able to
5 determine it would be possible to double-circuit
6 those two lines together. So we've included that in
7 a filing to have included in scoping to evaluate
8 that as a route alternative as well. So that one
9 was recently added but wasn't in the initial
10 application. Next slide.
11 So as I mentioned, we have project
12 partners we're working with. The CapX project which
13 includes those -- the Segment 3 and Segment 4, those
14 were part of that CapX2020 project. And the
15 utilities you see listed on that slide, Dairyland
16 Power Cooperative, Rochester Public Utilities,
17 Southern Minnesota Municipal Power Agency, they're
18 all partners with us on those lines and so are also
19 partners on this project as well. So they will also
20 co-own those segments of this project with us. But
21 Xcel Energy is leading the development and the
22 permitting effort in that process and coordinating
23 with those project partners we work through that
24 process. Next slide.
25 So a little bit of overlap with what Sam

Page 24

1 like that. And then we're anticipating construction
2 probably beginning sometime later in '26 and
3 continuing through early 2030. And then in 2030,
4 that project would be placed into service and any
5 final restoration would be completed at that time as
6 well. Next slide.
7 So just a note on working with landowners.
8 So we use the terms easements and right-of-way
9 somewhat interchangeably a lot of times, but they're
10 not exactly the same thing. So just wanted to note
11 that the easement is a permanent right-of-way. As
12 we note, they're authorizing the utility to use the
13 right-of-way to build and maintain the structure. So
14 it's a legal agreement where landowners are
15 compensated for the change in use of their land on
16 that and it's for a specific location on a specific
17 property. The right-of-way is the corridor itself,
18 the entire corridor. And that's -- the easement is
19 for the portion of right-of-way that gets used
20 there. So land uses within the easement area are
21 somewhat restricted as far as things that can be
22 there that would -- anything that would impact the
23 safe operation of the transmission line would not be
24 allowed. But there are several uses that still are
25 possible within the easement area. Next slide.

Page 25

1 So the infrastructure that we're talking
 2 about in this case, we're anticipating steel single
 3 pole transmission structures. On occasion, if there
 4 is a sharper angle, sometimes we do have a two pole
 5 corner structure. But for the most part, these
 6 would be single steel poles. And for the 345 kV
 7 line, the typical height is between 100 and 150
 8 feet, and that does depend on the terrain.
 9 Sometimes they need to be a little taller, don't
 10 need to be as tall. The 345 kV segments, the
 11 typical right-of-way width for those is 150 feet.
 12 So it's 75 feet to either side of center line. And
 13 the spans between poles in line is typically between
 14 800 and 1200 feet between structures. And that also
 15 varies a bit depending on terrain. The 161 kV
 16 segments, that typical right-of-way width is 80 to
 17 100 feet. And those poles, they're a little bit
 18 smaller so the spans between them are also a little
 19 shorter, 300 to 500 feet typically between
 20 structures for the 161. But those would also be
 21 steel single pole structures. Next slide.
 22 So the typical construction process.
 23 After a permit is issued, then we begin doing soil
 24 surveys and property staking to identify the
 25 right-of-way and permit that information to

Page 27

1 different spots. So that's kind of the general
 2 sequence, though. Next slide.
 3 Then just some key project information
 4 here. We do have a project website there, that
 5 mmrtproject.com. That has an interactive map, some
 6 more descriptive information about the project and
 7 some different fact sheets and things like that to
 8 provide some additional information. So that's a
 9 good source of information. We do have a specific
 10 project email address there that's regularly
 11 monitored, as well as that hotline number. So you
 12 can always reach out to get more information or
 13 provide comments to us specifically if you have
 14 questions about the project that need answering. In
 15 some of the other information, my contact
 16 information is also included. So there are a
 17 variety of ways you can get in contact with us.
 18 And that, I believe, is my last slide.
 19 **MR. DAVIS:** All right. Thank you, Sam,
 20 and thank you, Ellen, for those presentations.
 21 Good afternoon, everybody. Thank you for
 22 joining in. My name is Rich Davis. I'm the
 23 Environment Review Manager with the Minnesota
 24 Department of Commerce for Energy Environmental
 25 Review and Analysis Unit, or EERA, as we're referred

Page 26

1 landowners. And then construction access begins
 2 developing access roads or matting to get access to
 3 locations, tree clearing in the right-of-way where
 4 that's needed. So they're preparing the
 5 right-of-way to be able to do construction. Then
 6 once the access and clearing is done, they mobilize
 7 equipment and deliver materials for the construction
 8 area. They being with the foundation construction
 9 so they'll do the drilled piers, pour those
 10 foundations and let those set up. Then the crews,
 11 the line crews, come through and install the steel
 12 structures on those foundations and then follow
 13 through with stringing the conductor. And then once
 14 that's completed, then they finish up restoration
 15 within those corridors when they've completed
 16 stringing. I'll note that typically this is
 17 happening in multiple places throughout the project.
 18 So oftentimes there will be multiple crews working
 19 in more than one location. And so at any one point
 20 in time throughout construction, like one of these
 21 steps might be happening or all these steps might be
 22 happening as they're staggered throughout the
 23 project. They tend to, kind of, work from one
 24 direction to the other. But with multiple crews,
 25 they could be working through in parallel in

Page 28

1 to. Additionally, Logan Hicks, another
 2 Environmental Review Manager within our units, is
 3 also on the WebEx here today. And he's also
 4 available for comments or questions at any time
 5 throughout this process. Next slide, please.
 6 All right. Brief agenda of what we're
 7 going to be looking at, our agency's role in the
 8 environment review process for the project, the
 9 proposed project, scoping, how to recommend
 10 alternatives, how to comment, and then we'll take
 11 some comments and questions from those of you that
 12 are on the meeting. Next slide.
 13 So the Minnesota Department of Commerce,
 14 we conduct environmental review on behalf of the
 15 Commission for any transmission line that comes --
 16 project that comes in front of them seeking a
 17 Certificate of Need and/or a Route Permit. When
 18 we're doing our environmental review, we're looking
 19 at, we're evaluating potential human and
 20 environmental impacts of the proposed project. We
 21 identify strategies to avoid, minimize, and mitigate
 22 impacts of the proposed project on resources in the
 23 project area. We serve as a neutral third party, so
 24 we don't advocate for or against any projects. We
 25 are just looking for factual information, trying to

Page 29

1 get to the goal of providing information for the
 2 commissioners so that they understand the project
 3 that's proposed, the potential impacts, and possible
 4 mitigation for those impacts. And we hope that the
 5 Environmental Impact Statement, or the EIS, that we
 6 put out is useful for them to make an informed
 7 decision on issuance of a Certificate of Need and a
 8 Route Permit. Next slide, please.

9 So as I mentioned, and as Sam mentioned,
 10 we are completing an EIS for this project. And this
 11 slide shows a little bit on the items that will be
 12 included in that EIS. We're looking at the proposed
 13 project and any alternatives. So any alternatives
 14 would include the routes that are proposed by the
 15 applicant, as well as any additional route
 16 alternatives or route segment alternatives or system
 17 alternatives that may be -- come in during the
 18 comment period and then move forward through scoping
 19 and into -- make it into the EIS. We'll be studying
 20 potential human and environmental impacts, again,
 21 identify strategies to avoid, minimize, and mitigate
 22 impacts from the proposed project. It's an
 23 important one we list. It cannot be avoided in the
 24 EIS, so as the commissioners are considering the
 25 routes and the route alternatives that are being

Page 31

1 few people on here who are listening in by phone so
 2 I'm going to read all of this so those folks know,
 3 as well, what's being covered right here.

4 The first one, are there other ways to
 5 meet the stated need for the project? For example,
 6 a different size project or a different type of
 7 facility. This has to do with the Certificate of
 8 Need, or CN, that Sam had mentioned earlier in his
 9 presentation. And these are what we refer to as
 10 system alternatives. There's a slide coming up here
 11 that I'll cover a little bit more on that.

12 What human and environmental impacts of
 13 the proposed project should be considered in the
 14 EIS. There's a wide range of resource areas to
 15 consider from that standpoint. We will have some
 16 additional informational material and documents that
 17 will posted on our project website, as well as
 18 possibly in eDockets, but on our website for sure on
 19 the project site, on the project page, excuse me, so
 20 that you can refer to those documents if you would
 21 like to look at them and have some ideas there.

22 Next, are there any methods to minimize,
 23 mitigate, or avoid potential impacts of the proposed
 24 project that should be considered in the EIS. Are
 25 there any alternative routes or alternative route

Page 30

1 evaluated, we make sure that they know of impacts,
 2 unavoidable impacts, that could occur if a certain
 3 route or alternative is selected. We specifically
 4 point those out. And, again, we are a third party.
 5 We're neutral, so we're not advocating for or
 6 against the project. Next slide.

7 This actually is a slide, if you remember
 8 the notice that went out, there is -- as we're
 9 working through the EIS scoping process, essentially
 10 the scoping is helping us to develop a table of
 11 contents. So it focuses our efforts and our
 12 analysis to address the various resources, again,
 13 human or environmental resources that can be
 14 impacted throughout the proposed project area as the
 15 proposed project would be constructed and operated,
 16 essentially. And so these questions help -- if
 17 you're wondering about commenting on anything or
 18 have questions about anything, these comments will
 19 kind of help, hopefully, focus you into figuring out
 20 what is really useful as far as a comment goes, too,
 21 for us. You can comment on anything that you would
 22 like, but these are the -- these with the questions
 23 to look at or to consider that are really helpful
 24 for myself as I'm trying to develop the scope for
 25 what will be included in the EIS. I know we have a

Page 32

1 segments that should be considered in the EIS to
 2 address or mitigate potential impacts associated
 3 with the proposed project. Then last, are there any
 4 unique characteristics of the proposed project area
 5 that should be considered in the EIS.

6 As Sam mentioned earlier, we want input
 7 especially from the local folks, but anybody that
 8 would like to comment. But it's very helpful for us
 9 to get input from individuals that live in the
 10 project area and close to the proposed project and
 11 let us know about resources that may be of local
 12 significance or to the communities or to individual
 13 landowners out in the area. Because those are the
 14 things that we can't see on a map or database that
 15 we're looking at. We might not even be able to see
 16 them if we drove down the roads that are along the
 17 route. Next slide, Sam.

18 So a little bit on route alternatives and
 19 route -- alternative routes and alternative route
 20 segments. If you're going to propose an alternative
 21 route or route segment to what's being proposed by
 22 the applicant, this slide kind of lays out the
 23 approach that we need to see that's most helpful for
 24 myself and other staff and EERA to be able to carry
 25 the alternatives forward through scoping and into

Page 33

1 the EIS. We're going to need information from you
2 on describing the anticipated impact of what's being
3 proposed by the project for the area that you would
4 like to see moved or shifted. And we need you to
5 suggest an alternative as detailed as possible. I
6 prefer maps come in so we know -- we have to be able
7 to identify the area where that alternative would go
8 because we have to be able to evaluate and assess
9 the potential impacts of that alternative compared
10 to what's being proposed. And I always open it up.
11 If there is -- if you have an alternative and aren't
12 exactly sure how to get it down on a map, you'll see
13 throughout the presentation in here, my email, my
14 phone number are on here. And I'm willing to help
15 anybody out to try to establish an alternative to
16 the proposed project that we can -- we can at least
17 evaluate it and consider it for inclusion in the
18 EIS. And can you go back for me? And when you
19 submit an alternative, we need to know what its
20 impact -- what it's mitigating. So with that, the
21 proposed alternative simply can't be, don't put it
22 by my house; put it by somebody else's. Because
23 that doesn't really mitigate the impacts of the
24 proposed project. All that's doing is shifting the
25 impacts from one landowner to another. So those

Page 35

1 look at. And in the EIS, we will consider the
2 proposed project but we also look at a no-build
3 alternative. So we study what happens if the
4 project is not constructed as proposed. But we will
5 take -- system alternatives can be proposed at this
6 point while we're scoping. System alternatives are
7 looking at the project as a whole. It's not
8 individual route alternatives or route segment
9 alternatives. It's things that could be of a
10 different size or type and could affect the timing
11 of the project to meet the need of the project. So
12 it could be a different transmission line of a
13 different size, or it could be a different type of
14 project such as distributed energy along the line to
15 get at energy needs at the end point and things like
16 that. And if you're interested in more detail on
17 how to propose a system alternative, again, reach
18 out to me via email or a phone call, and we can have
19 further discussion on that. Next slide.
20 How to comment, the main reason you're
21 here. So verbal comments during today's meeting,
22 obviously, I'll hear those, plus the court reporter
23 will record them and we'll have a record of that.
24 The next one on here is complete and submit a
25 comment form. Normally the comment forms are out at

Page 34

1 types of alternatives are not overly useful for us.
2 But that's a very important part of our selection
3 process, is understanding what is being impacted and
4 how that can be reduced with the alternative. I
5 need, you know, to stress that we need suggested
6 alternatives submitted on time. They need to meet
7 the need for the project, and they need to be
8 feasible. So we'll make the decisions on those, on
9 recommended alternatives that will be carried
10 forward in the scope of the EIS. The Public
11 Utilities Commission also does weigh in on that.
12 Just to point out, if you do suggest an alternative
13 route or route segment, if the Commission does
14 select one of those at the end of the day, if they
15 in their final decision, say that alternative will
16 be used, there is the potential that Xcel would need
17 to use eminent domain to construct those
18 alternatives simply because they may be on
19 properties or with landowners that haven't been
20 engaged in some of the discussions to use their
21 property for the project, but Xcel would be told
22 that they have to use that alternative by the
23 commissioners. Next slide.
24 CN alternatives, as I mentioned earlier,
25 that first question, system alternative that we'll

Page 36

1 our in-person meetings, which we have already been
2 conducting. That sheet will be posted on our
3 project website. So if you want to go down to the
4 key documents on our project page, the project page
5 on our website, it'll be listed there. You can
6 print it off, fill it out, and it can be mailed
7 right back to me. So that's your mail option. You
8 can also email your comments to me, and that comment
9 online link right there will take you to the project
10 page. And at the top of the project page, there's a
11 Submit a Comment button. If you click on that, you
12 can fill out that form that comes up. When you
13 submit your comment, I'll get an email that the
14 comment has been submitted and it will be in my
15 hands. So, again, I have to reiterate, the comment
16 period ends on August 1, 2024. So please get
17 comments in before that. Next slide.
18 Again, this is just a list of those same
19 questions that I had read through to kind of focus
20 the comments and questions you may have in helping
21 us frame up the scope of the EIS. Next slide.
22 This is a little bit different. Again,
23 this slide pertains more to in-person stuff because
24 we do have -- via WebEx, we do have control a little
25 bit more as to who can speak at what times. But when

1 you do come on to give a comment, please state and
2 spell your name so the court reporter can capture
3 that. I'm hoping we don't have to limit time but
4 there is a chance that we do to ensure that
5 everybody gets at least one opportunity to speak,
6 but we can come back around if we need to in the
7 event of that happening. Maintain respect in your
8 comments. And if possible, direct your comments and
9 questions to the scope of the Environmental Impact
10 Statement. Next slide.

11 This slide has a lot of useful information
12 as far as where to comment online. It's got the
13 August 1 deadline on there. It's got my email and
14 mailing address. It's got those same questions that
15 I've shown you a couple times here. It has contact
16 information for Public Utilities Commission staff,
17 Xcel Energy staff, also our Commerce webpage for
18 this particular project, and discussion of finding
19 the full record on eDockets and also how to
20 subscribe to get email notification of filings in
21 eDockets as well. So I highly recommend taking a
22 screenshot of this or we will have the presentation
23 available on our webpage as well so you could scroll
24 to that, this slide, and track down anybody that you
25 need to ask questions or comment.

1 So with the preparation done, we are more
2 than happy to take any questions or comments from
3 you. I'm not seeing anyone so far, but if you would
4 like to, again, if you're online, Hand Raise
5 function or chat function. If you're calling in, it
6 is *3. And just another opportunity to remind you
7 again, if you don't want to speak publicly, that's
8 just fine. There are the written comment
9 opportunities that Rich has talked about, and that
10 comment period goes until August 1 so you'll have
11 plenty of time to still provide a comment if you
12 didn't get to today. I'm still not seeing anybody.

13 We got one here. Hold on. All right.
14 I'm going to go ahead and unmute you, Ben. You're
15 unmuted and you're welcome to speak. If you could
16 state and spell your name for the court reporter,
17 please.

18 **MR. SKIBSTED:** Ben Skibsted, B-E-N,
19 S-K-I-B as in boy, S-T-E-D.

20 I have -- I got two questions. One might
21 have been answered and I missed it. But on the maps
22 that have the alternative routes, was there a time
23 when those were -- a decision when those were going
24 to be -- or, when the route was going to be, kind
25 of, solidified? And so that's my first question.

1 And we're back to the topics for comment.
2 Sam, I'm going to let you take this over a little
3 bit. You've got more control than I do as far as
4 letting folks talk.

5 **MR. LOBBY:** Sounds good. Yeah, so I'm the
6 only one who is able to see if people want to speak
7 or -- and how to unmute folks. And just so folks on
8 the line, if you're interested in speaking, there is
9 two different things you can do. You can use the
10 Raise Hand function. So if you raise your hand, if
11 you click on that button, I'll be able to see that
12 you want to speak, and then I can unmute you and can
13 ask your question. And I'll do it in the order of
14 whoever raises their hand first. If you are calling
15 in, you can press *3, and that will alert me that
16 you want to speak. Also, if you're online, there is
17 a chat function. You can let me know on there that
18 you want to speak. But if you do use the chat
19 function, please don't ask your question or anything
20 there because that isn't included in the record. So
21 if you do want to speak, just say in the chat box, I
22 would like to speak, or use the Hand Raise function.
23 The Hand Raise function is probably the easiest if
24 you're online. If you're calling in, again, you
25 would press *3.

1 My second question was kind of specific to
2 Segment 3, specifically the eastern portion of that
3 that ran from Pine Island to that first junction. I
4 forget what it was labeled on the map. If I
5 understood Ellen correctly, they were going to use
6 existing -- the existing -- so yeah, on that map
7 that you just showed on the green there, that 3A,
8 section 3A to Chester Junction from Pine Island,
9 when Ellen was describing what was happening there,
10 what I heard is they were going to use existing
11 structures there so there really would be no
12 construction in that zone; it would just be
13 utilizing stuff that was already in place. Thank
14 you.

15 **MS. HEINE:** Ben, yep, that's correct.
16 That first segment is already constructed and it
17 would be built to be capable of operating at 345 kV,
18 even though it was -- that portion has been
19 operating at 161. So it is a double-circuit line,
20 and they don't actually have to physically do
21 construction in the middle of that segment. They'll
22 do some work at the substation itself. And then at
23 that point where the 161 kV line peels off from the
24 current structures, there will be some connection
25 work right there and then they'll install that

Page 41

1 middle segment. But they don't need to physically
2 make changes to the line in that Segment 3A.
3 **MR. SKIBSTED:** Thank you.
4 **MS. HEINE:** And then the other question
5 about the decision when routes would be selected.
6 The PUC decision, in the earlier presentation,
7 probably August or September of next year would be
8 the final decision on routes. So it's still a ways
9 out on that.
10 **MR. SKIBSTED:** Thank you.
11 **MR. LOBBY:** Thank you very much, Ben,
12 appreciate it.
13 All right. Do we have any other folks
14 that have questions? Just as a reminder, the Hand
15 Raise function or the chat if you're online. And if
16 you're on the phone calling in, you can press *3.
17 Not seeing anybody but you're more than welcome to
18 ask a question if you have any. And, again, August
19 1 is the end of comment period.
20 All right. We have someone else with a
21 question here. Deanna, I'll unmute you. Go ahead
22 and state your name, and spell it for the court
23 reporter.
24 **MS. HILLER:** Can you hear me?
25 **MR. LOBBY:** Yep, can hear you just fine,

Page 43

1 existing 161 kV single-circuit line. So if you're
2 looking at what's on the ground, you know, you can
3 see if it's there or not now. It would follow the
4 same center line as the existing North Rochester to
5 Northern Hills line. But we do -- we can get you a
6 map of any area you're interested in the project.
7 GIS folks can zoom in on any parcels you're
8 interested in and get you a custom map. So if you
9 want to send me an email maybe would be the best.
10 Yeah, send it to there. That would be even better
11 because it will get directly to a GIS person and
12 they'll get you a customized map.
13 **MS. HILLER:** Okay. I've written those
14 down so I'll make sure to do that. Thank you.
15 **MS. HEINE:** Yep.
16 **MR. LOBBY:** Thank you very much, Deanna;
17 appreciate your being here today.
18 All right. I'm not seeing any other hands
19 raised just yet. But if you would like to speak and
20 you're online, that's the Hand Raise or chat
21 function, and if you're calling in, *3. And if you
22 don't want to speak, you have until August 1 to
23 submit written comments.
24 Give it a little bit here. Oh, all right.
25 Deanna, go ahead.

Page 42

1 yeah.
2 **MS. HILLER:** Perfect, thank you. I'm
3 calling on behalf of an interested landowner party.
4 And I think from what I viewed today on this
5 presentation, I think what I'm looking at is section
6 -- segment --
7 **MR. LOBBY:** Sorry to interrupt you. Just
8 for the court reporter, if you could just state and
9 spell your name, please.
10 **MS. HILLER:** Of course. My name is Deanna
11 Hiller, D-E-A-N-N-A, my last name is H-I-L-L-E-R.
12 **MR. LOBBY:** Thank you very much. And what
13 segment was that that you were talking about?
14 **MS. HILLER:** Yeah, I think from what I'm
15 hearing is, and it might be a little bit of Segment
16 2, but Segment 4, that dashed line, if we could get
17 back to that map. Thank you. Interested landowner
18 has a farm located on the Dodge/Olmsted County line.
19 So what we're trying to figure out is if any of
20 those routes, particularly that dashed line, it
21 looks like possibly, would impact that land. And is
22 there a way to, like, overlay a plat map on this so
23 that landowners can kind of really see?
24 **MS. HEINE:** Yes. A couple of things
25 there. So that line is literally following an

Page 44

1 **MS. HILLER:** Yeah, sorry. Deanna Hiller.
2 I think you already have spelling.
3 A quick question that came up on that
4 comments as I'm taking notes here. Are the comments
5 only in regard to -- that you're accepting only in
6 regard to the EIS, or is it comments in general?
7 **MR. LOBBY:** Anyone is welcome to comment
8 in any way that they want. That's just fine. But
9 with that said, here, I'll put up the -- these are,
10 kind of, the topics for comment. These are kind of
11 just ideas to help you focus your comments in a way
12 that would be useful for Rich. But you can say
13 whatever you want. Rich, I don't know if you have
14 anything more to add to that, but yeah.
15 **MS. HILLER:** Okay. That's how I kind of
16 took it, that it was primarily surrounding the EIS
17 impacts and that kind of thing. So just wanted to
18 make sure. Thank you.
19 **MR. LOBBY:** Thank you. All right. And we
20 have Jake, you're unmuted. If you could please
21 state and spell your name for the court reporter.
22 **MR. RANDA:** Yep. My name is Jacob Randa,
23 J-A-C-O-B, R-A-N-D-A.
24 I'm just curious in the EIS or in this
25 process of route selection, what weight, if any, is

Page 45

1 given to existing public conservation lands, or even
 2 private? So like wildlife management areas,
 3 waterfowl production areas, conservation easements,
 4 or even like known significant local fly-aways or,
 5 you know, significant habitats.
 6 **MR. LOBBY:** Great question. Go ahead,
 7 Rich.
 8 **MR. DAVIS:** Yeah. Thanks for that
 9 question, Jake. I can't say we necessarily put a
 10 weight or the commissioners put a weight on those
 11 things. With the EIS process, we are basically --
 12 we capture that type of information or we try as
 13 best we can to get that information into the EIS so
 14 that the commissioners know that if they select a
 15 certain route or an alternative, that those
 16 properties are there and how many. We try to give
 17 them an idea of how many acres or how many linear,
 18 you know, if it's miles or feet or anything that it
 19 may be crossing and also the resources that are
 20 there. If it's listed as a higher quality habitat
 21 by some of the DNR surveys or anything like that or
 22 if it's a restored conservation easement, we point
 23 those things out to the commissioners as well. The
 24 one thing that really helps, for me anyway, is if
 25 there is newer areas that have been, you know, new

Page 47

1 function or chat function if you're online. And if
 2 you're calling by phone, you can press *3. And
 3 written comment period is open until August 1.
 4 I'll just go ahead and put this slide up
 5 as I'm waiting to see if anyone else has questions.
 6 So these are all the questions to, kind of, focus on
 7 that might help you to give you some ideas of
 8 questions to ask. Here is how to do the written
 9 comments. You can go online and find the submit a
 10 comment button there that Rich talked about. You
 11 can email Rich or you can send U.S. Mail. Again,
 12 the Public Utilities -- the main Public Utilities
 13 lead on this is going to be Cezar Panait. You can
 14 contact me any time and I'm more than happy to work
 15 with you. But Cezar, once he's back, he will be the
 16 best person to contact on the project. And then
 17 there, of course, the contact information for
 18 Commerce and Xcel. And then there is the Department
 19 of Commerce website with more information.
 20 I am still not seeing any other hands. Do
 21 we have any -- maybe running out of questions here,
 22 but I'll give it another minute or two if folks do
 23 still want to comment publicly. Again, that's Raise
 24 Hand or chat if you're online, or *3 if you're
 25 calling in.

Page 46

1 areas that have been possibly donated or purchased
 2 by a county or to DNR or something like that or
 3 Pheasants Forever that aren't on a map, they -- you
 4 know, they only update those maps every so often.
 5 If you know of anything in the area, those are great
 6 things for us to get comments on. It may not -- if
 7 something hasn't been totally transferred over yet
 8 or hasn't been started -- you know, restoration work
 9 hasn't been started on something, we may not be able
 10 to see it on a map or a database when we're going
 11 through stuff to try to identify those. And it's
 12 tough to say as far as, you know, if ones can be
 13 avoided or not because, again, that comes down to
 14 the commissioners making their decision on which
 15 route or alternative they pick. But we do try to
 16 make sure we look at possible avoidance and
 17 minimization measures as best we can when there are
 18 crossings across those areas.
 19 **MR. RANDA:** Okay. Thank you.
 20 **MR. LOBBY:** Thanks, Jake. Appreciate your
 21 question.
 22 All right. I'm not seeing anybody else
 23 with questions just yet. But if you would like to
 24 ask a question, I'll repeat again. You're probably
 25 sick of hearing me saying it, but Hand Raise

Page 48

1 And I am not see any questions right now.
 2 You can still let me know, but I think here seeing
 3 that we're not getting any more questions, we'll get
 4 ready here to close out the meeting.
 5 Again, thank you very much for your
 6 attendance today, for taking time out of your busy
 7 schedules to come. Your presence here is really
 8 valued by the Commission and the commissioners. So
 9 it's not a waste of your time. Your comments and
 10 questions will be reviewed, and that will be really
 11 helpful for making a final decision.
 12 I'm still not see any other questions, so
 13 I think with that, we will go ahead and close out
 14 the meeting unless anyone else has anything to say.
 15 **MR. DAVIS:** Just want to say thank you to
 16 everybody for attending.
 17 **MR. LOBBY:** All right. Thanks, folks.
 18 Have a great day, everybody.
 19 (The meeting concluded at 1:09 p.m.)
 20
 21
 22
 23
 24
 25

1 STATE OF MINNESOTA)
2)
3 COUNTY OF HENNEPIN)

4
5
6 I, Katriina Hendrickson, do hereby certify that
7 the above and foregoing transcript consisting of the
8 preceding 48 pages is a true and correct transcript of my
9 steno notes and is a full, true and complete transcript
10 of the proceedings to the best of my ability.

11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

Dated: August 1, 2024.

/s/ Katriina Hendrickson, RPR
Court Reporter

	35:10	angle (1) 25:4	46:16	busy (1) 48:6
*	affiliated (1) 9:6	answered (1) 39:21	avoided (2) 29:23;46:13	button (3) 36:11;38:11;47:10
*3 (7) 38:15;25;39:6;41:16; 43:21;47:2,24	afternoon (2) 4:12;27:21	anticipated (2) 23:1;33:2	aware (1) 7:21	bypasses (1) 19:8
A	again (23) 5:7;6:5;7:25;10:7;13:1; 19:3,7;29:20;30:4,12; 35:17;36:15,18,22;38:24; 39:4,7;41:18;46:13,24; 47:11,23;48:5	anticipating (3) 17:25;24:1;25:2	B	C
able (12) 6:16;15:23;18:18;22:4; 26:5;32:15,24;33:6,8; 38:6,11;46:9	Agency (3) 10:10,13,18,18	applicant (3) 10:16;29:15;32:22	back (7) 14:13;33:18;36:7;37:6; 38:1;42:17;47:15	call (2) 19:10;35:18
above (1) 18:9	against (4) 9:5,15;28:24;30:6	application (6) 13:6;17:3;21:6,25; 22:10;23:13	background (1) 11:6	called (1) 20:3
accepted (1) 13:7	agencies (4) 10:10,13,18,18	applications (3) 9:3;16:8;23:10	based (2) 16:18,25	calling (8) 38:14,24;39:5;41:16; 42:3;43:21;47:2,25
accepting (1) 44:5	Agency's (1) 10:13;22:17;23:21	appointed (1) 10:22	basically (1) 45:11	came (1) 44:3
access (5) 15:23;26:1,2,2,6	agenda (2) 6:8;28:6	appreciate (6) 3:2,10,22;41:12;43:17; 46:20	become (1) 20:21	can (57) 5:11;6:3,3,21,23;7:5; 8:1,4;10:6,8;11:24;12:19; 22:13,1;18:20;24:21; 27:12,17;30:13,21;31:20; 33:16,16,18;34:4;35:5, 18;36:5,6,8,12,25;37:2,6; 38:9,9,12,12,15,17;41:16, 24,25;42:23;43:2,5,7; 44:12;45:13;46:12,17; 47:2,9,11,11,13;48:2
accommodate (1) 15:19	ago (1) 5:18	approach (1) 32:23	began (1) 23:3	capable (1) 40:17
acres (1) 45:17	agreement (1) 24:14	approximately (3) 12:8;17:16;20:24	begin (2) 23:17;25:23	capacity (2) 11:18;15:18
acronym (2) 7:19,19	ahead (6) 39:14;41:21;43:25; 45:6;47:4;48:13	April (3) 13:6,25;14:5	beginning (1) 24:2	capture (2) 37:2;45:12
across (1) 46:18	airport (2) 18:8,10	area (19) 5:20;10:7,8;17:10; 18:10;21:3,7;24:20,25; 26:8;28:23;30:14;32:4, 10,13;33:3,7;43:6;46:5	begins (1) 26:1	CapX (3) 20:19;21:23;22:12
actually (7) 13:18;14:8;19:16,22; 21:12;30:7;40:20	alert (1) 38:15	areas (8) 16:13;18:17;31:14; 45:2,3,25;46:1,18	behalf (2) 28:14;42:3	CapX2020 (2) 19:17;22:14
add (1) 44:14	alignment (3) 18:16,23;20:18	around (3) 18:17;19:5;37:6	Ben (4) 39:14,18;40:15;41:11	carried (1) 34:9
added (1) 22:9	allow (1) 9:7	aspects (2) 11:24;14:16	B-E-N (1) 39:18	carry (1) 32:24
adding (1) 15:18	allowed (1) 24:24	assess (1) 33:8	best (6) 10:8,8;43:9;45:13; 46:17;47:16	case (6) 8:11;14:16;19:14; 20:17;21:10;25:2
addition (1) 23:19	Alma (1) 19:18	associated (1) 32:2	better (2) 6:2;43:10	cases (3) 18:13;20:7,25
additional (6) 16:24;22:4;23:19;27:8; 29:15;31:16	along (6) 14:22;18:8;19:12; 20:25;32:16;35:14	assuming (1) 23:14	big (1) 3:10	center (2) 25:12;43:4
Additionally (3) 9:11;10:9;28:1	alternative (26) 8:8;20:18;22:8;30:3; 31:25,25;32:19,19,20; 33:5,7,9,11,15,19,21; 34:4,12,15,22,25;35:3,17; 39:22;45:15;46:15	attend (1) 3:13	bit (16) 5:12;14:25;16:6,21; 21:6;22:25;25:15,17; 29:11;31:11;32:18;36:22, 25;38:3;42:15;43:24	certain (2) 30:2;45:15
address (4) 27:10;30:12;32:2; 37:14	alternatives (21) 18:20;23:4;28:10; 29:13,13,16,16,17,25; 31:10;32:18,25;34:1,6,9, 18,24;35:5,6,8,9	attendance (1) 48:6	blue (2) 17:15;21:18	Certificate (7) 11:10,16;12:1;23:9; 28:17;29:7;31:7
adequate (1) 10:25	always (6) 3:18;6:20;8:21;10:5; 27:12;33:10	attending (1) 48:16	blurbs (1) 12:23	Cezar (4) 6:14;8:22;47:13,15
adjacent (1) 15:14	amounts (1) 15:19	August (10) 4:24;5:8;8:15;36:16; 37:13;39:10;41:7,18; 43:22;47:3	both (4) 5:4;7:5;14:2;18:13	Cezar's (1) 6:18
administrative (4) 9:17,18;10:1;14:14	Analysis (4) 7:3;13:13;27:25;30:12	authorizing (1) 24:12	box (1) 38:21	challenges (1) 21:7
advance (1) 15:4	and/or (1) 28:17	available (4) 13:22;16:17;28:4; 37:23	boy (1) 39:19	chance (3) 14:7,12;37:4
advisor (1) 6:13		avoid (5) 8:7;16:13;28:21;29:21; 31:23	brief (2) 6:8;28:6	
advocate (1) 28:24		avoidance (1)	briefing (1) 3:18	
advocating (1) 30:5			build (2) 12:8;24:13	
affect (1)			built (2) 12:13;40:17	

<p>change (1) 24:15</p> <p>changes (1) 41:2</p> <p>characteristics (1) 32:4</p> <p>chat (8) 38:17,18,21;39:5; 41:15;43:20;47:1,24</p> <p>Chester (4) 19:21;20:3;21:15;40:8</p> <p>chunk (1) 19:2</p> <p>circuit (4) 19:23;20:1,6,7</p> <p>city (1) 19:6</p> <p>clearing (2) 26:3,6</p> <p>click (2) 36:11;38:11</p> <p>close (4) 17:24;32:10;48:4,13</p> <p>closes (2) 5:8;8:14</p> <p>CN (3) 11:10;31:8;34:24</p> <p>combination (1) 19:11</p> <p>coming (2) 15:20;31:10</p> <p>comment (41) 4:23,23;5:1,2,3,7,8,13; 8:13,14,15,18,20;11:24; 12:25;28:10;29:18;30:20, 21;32:8;35:20,25,25; 36:8,11,13,14,15;37:1,12, 25;38:1;39:8,10,11; 41:19;44:7,10;47:3,10,23</p> <p>commenting (1) 30:17</p> <p>comments (39) 3:13,17;4:6,8,21;5:4, 22;7:4,7,10;8:1,4,5,6,17; 9:10;12:24;13:1;14:12, 17;27:13;28:4,11;30:18; 35:21;36:8,17,20;37:8,8; 39:2;43:23;44:4,4,6,11; 46:6;47:9;48:9</p> <p>Commerce (10) 7:2;8:24;9:11;13:5; 23:13;27:24;28:13; 37:17;47:18,19</p> <p>Commission (23) 3:4,7;5:10,17;6:11,12, 15;8:23;9:2,5,13,20;10:5, 21;11:15;13:5,7;23:12; 28:15;34:11,13;37:16; 48:8</p> <p>commissioners (11) 3:7,16;10:21;29:2,24; 34:23;45:10,14,23;46:14; 48:8</p>	<p>Commission's (1) 14:20</p> <p>communities (1) 32:12</p> <p>companies (1) 9:7</p> <p>compared (1) 33:9</p> <p>compensated (1) 24:15</p> <p>compile (1) 13:14</p> <p>complete (3) 13:18;23:16;35:24</p> <p>completed (4) 23:8;24:5;26:14,15</p> <p>completing (1) 29:10</p> <p>comprehensive (1) 13:19</p> <p>concerned (1) 14:9</p> <p>concerns (1) 9:10</p> <p>concluded (1) 48:19</p> <p>conclusions (1) 9:21</p> <p>conduct (1) 28:14</p> <p>conducting (1) 36:2</p> <p>conductor (1) 26:13</p> <p>confirmed (1) 10:22</p> <p>connect (3) 15:24;17:23,25</p> <p>connection (1) 40:24</p> <p>conservation (3) 45:1,3,22</p> <p>consider (4) 30:23;31:15;33:17; 35:1</p> <p>consideration (1) 8:9</p> <p>considered (4) 31:13,24;32:1,5</p> <p>considering (1) 29:24</p> <p>consistent (1) 11:4</p> <p>consisting (1) 10:21</p> <p>construct (1) 34:17</p> <p>constructed (8) 15:22;17:17;19:22; 20:10;21:23;30:15;35:4; 40:16</p> <p>constructing (1) 18:9</p>	<p>construction (11) 12:14;16:4;24:1;25:22; 26:1,5,7,8,20;40:12,21</p> <p>contact (7) 8:11;27:15,17;37:15; 47:14,16,17</p> <p>contents (1) 30:11</p> <p>context (1) 5:16</p> <p>continued (1) 23:24</p> <p>continues (1) 21:15</p> <p>continuing (1) 24:3</p> <p>Control (4) 10:13;15:5;36:24;38:3</p> <p>convert (1) 20:1</p> <p>Cooperative (1) 22:16</p> <p>coordinating (1) 22:22</p> <p>co-own (1) 22:20</p> <p>corner (1) 25:5</p> <p>correctly (1) 40:5</p> <p>corridor (3) 19:7;24:17,18</p> <p>corridors (1) 26:15</p> <p>County (2) 42:18;46:2</p> <p>couple (6) 9:22;11:8;16:6;18:22; 37:15;42:24</p> <p>course (5) 4:15;9:1;13:9;42:10; 47:17</p> <p>court (7) 3:14;35:22;37:2;39:16; 41:22;42:8;44:21</p> <p>cover (3) 5:12;12:4;31:11</p> <p>covered (1) 31:3</p> <p>covering (2) 4:17;6:9</p> <p>created (1) 5:19</p> <p>creates (1) 15:22</p> <p>crews (4) 26:10,11,18,24</p> <p>crossed (1) 21:11</p> <p>crossing (3) 12:12;20:10;45:19</p> <p>crossings (1) 46:18</p>	<p>Culbertson (1) 6:11</p> <p>curious (1) 44:24</p> <p>current (1) 40:24</p> <p>currently (5) 17:17;19:3;20:15,16; 23:11</p> <p>custom (1) 43:8</p> <p>customized (1) 43:12</p>	<p>47:18</p> <p>depend (1) 25:8</p> <p>depending (2) 19:13;25:15</p> <p>describing (2) 33:2;40:9</p> <p>description (1) 15:3</p> <p>descriptive (1) 27:6</p> <p>desktop (1) 16:15</p> <p>detail (2) 17:19;35:16</p> <p>detailed (2) 13:19;33:5</p> <p>details (1) 12:7</p> <p>determine (1) 22:5</p> <p>determined (1) 20:20</p> <p>develop (3) 16:17;30:10,24</p> <p>developed (1) 16:9</p> <p>developing (3) 7:17;23:4;26:2</p> <p>development (4) 16:9,14;22:21;23:5</p> <p>difference (1) 3:11</p> <p>different (15) 9:8;10:13;12:20;16:15; 21:4;27:1,7;31:6,6;35:10, 12,13,13;36:22;38:9</p> <p>dig (2) 5:15;6:7</p> <p>digest (1) 13:24</p> <p>direct (2) 6:21;37:8</p> <p>direction (3) 8:2;13:12;26:24</p> <p>directly (2) 10:3;43:11</p> <p>discussion (2) 35:19;37:18</p> <p>discussions (1) 34:20</p> <p>displayed (1) 16:7</p> <p>distributed (1) 35:14</p> <p>diverge (1) 18:16</p> <p>DNR (2) 45:21;46:2</p> <p>Docket (1) 5:10</p> <p>documents (3) 31:16,20;36:4</p>
D				
			<p>Dairyland (3) 20:13,16;22:15</p> <p>dashed (3) 21:18;42:16,20</p> <p>data (1) 10:14</p> <p>database (2) 32:14;46:10</p> <p>date (1) 20:21</p> <p>dates (1) 12:20</p> <p>Davis (5) 7:1;27:19,22;45:8; 48:15</p> <p>day (3) 3:9;34:14;48:18</p> <p>days (1) 21:24</p> <p>deadline (1) 37:13</p> <p>Deanna (5) 41:21;42:10;43:16,25; 44:1</p> <p>D-E-A-N-N-A (1) 42:11</p> <p>Decades (1) 5:18</p> <p>decide (1) 13:14</p> <p>decision (10) 5:23;14:20;29:7;34:15; 39:23;41:5,6,8;46:14; 48:11</p> <p>decision-making (4) 3:6,11;6:4;7:6</p> <p>decisions (1) 34:8</p> <p>defined (1) 17:8</p> <p>deliver (1) 26:7</p> <p>densely (1) 21:6</p> <p>Department (9) 7:2;8:23;9:11;10:11, 12;23:12;27:24;28:13;</p>	

<p>Dodge/Olmsted (1) 42:18 domain (1) 34:17 donated (1) 46:1 done (2) 26:6;39:1 double (1) 19:23 double-circuit (8) 18:14;19:4;20:11,21; 21:2;22:2,5;40:19 down (7) 13:8;32:16;33:12;36:3; 37:24;43:14;46:13 draft (3) 13:21;14:17;16:14 drilled (1) 26:9 drove (1) 32:16 during (4) 7:21;21:23;29:17; 35:21</p>	<p>either (2) 5:23;25:12 electricity (1) 10:24 eliminated (1) 17:1 Ellen (4) 15:1;27:20;40:5,9 else (5) 6:2;41:20;46:22;47:5; 48:14 else's (1) 33:22 email (9) 27:10;33:13;35:18; 36:8,13;37:13,20;43:9; 47:11 eminent (1) 34:17 end (5) 6:18;13:8;34:14;35:15; 41:19 ends (1) 36:16 Energy (13) 4:2;6:25;7:2;14:23; 15:2,14,19,23;22:21; 27:24;35:14,15;37:17</p>	<p>evaluating (3) 9:16;23:13;28:19 evaluation (2) 22:1,4 even (6) 8:20;32:15;40:18; 43:10;45:1,4 evening (2) 4:13,14 event (1) 37:7 everybody (4) 27:21;37:5;48:16,18 exactly (3) 21:10;24:10;33:12 example (1) 31:5 excuse (1) 31:19 existing (15) 15:25;18:3,12;19:2,11; 20:8;21:2,14,21;40:6,6, 10;43:1,4;45:1 expect (1) 12:18 extremely (1) 6:4</p>	<p>17,19;45:18 few (3) 21:4,7;31:1 field (2) 16:19;19:10 fields (1) 19:12 figure (1) 42:19 figuring (1) 30:19 filing (1) 22:7 filings (1) 37:20 fill (2) 36:6,12 filling (1) 6:14 final (9) 3:18;14:18,20;23:16, 19;24:5;34:15;41:8; 48:11 find (1) 47:9 finding (1) 37:18 findings (1) 9:20 fine (3) 39:8;41:25;44:8 finish (1) 26:14 first (13) 3:1;4:3,15;5:25;15:18; 19:19,19;31:4;34:25; 38:14;39:25;40:3,16 firstly (1) 7:13 five (1) 10:21 fly-aways (1) 45:4 focus (4) 30:19;36:19;44:11; 47:6 focuses (1) 30:11 folks (18) 3:12;4:25;5:16,20;6:1; 7:10;8:17;10:7;13:5; 31:2;32:7;38:4,7,7;41:13; 43:7;47:22;48:17 follow (8) 5:13;6:17;7:21;11:10; 19:1,5;26:12;43:3 following (2) 19:10;42:25 follows (2) 18:3,12 Forever (1) 46:3 forget (1)</p>	<p>40:4 form (2) 35:25;36:12 formal (1) 14:15 forms (1) 35:25 forth (1) 9:20 forward (3) 29:18;32:25;34:10 found (1) 5:9 foundation (1) 26:8 foundations (2) 26:10,12 frame (1) 36:21 front (1) 28:16 full (1) 37:19 function (11) 38:10,17,19,22,23; 39:5,5;41:15;43:21;47:1, 1 further (1) 35:19 future (2) 17:25;20:20</p>	
E		F		G	
<p>Eagle (1) 18:10 earlier (7) 16:10;17:2;23:10;31:8; 32:6;34:24;41:6 early (1) 24:3 easement (5) 24:11,18,20,25;45:22 easements (3) 23:18;24:8;45:3 easiest (1) 38:23 east (3) 21:9,12,13 eastern (1) 40:2 economic (1) 16:3 eDockets (3) 31:18;37:19,21 EERA (2) 27:25;32:24 efficient (1) 11:1 effort (2) 3:9;22:22 efforts (1) 30:11 EIS (23) 7:19;14:18;29:5,10,12, 19,24;30:9,25;31:14,24; 32:1,5;33:1,18;34:10; 35:1;36:21;44:6,16,24; 45:11,13</p>	<p>engaged (1) 34:20 engagement (1) 23:24 engineering (2) 23:8,16 enough (1) 14:10 ensure (2) 10:25;37:4 entire (2) 23:23;24:18 Environment (4) 13:21;16:12;27:23; 28:8 environmental (25) 4:3,7,10;7:2,4,18,20, 23;9:12,13;10:15;13:12, 18,20;16:16;27:24;28:2, 14,18,20;29:5,20;30:13; 31:12;37:9 equally (1) 5:5 equipment (1) 26:7 especially (1) 32:7 essentially (4) 18:1;21:8;30:9,16 establish (1) 33:15 evaluate (3) 22:7;33:8,17 evaluated (2) 20:19;30:1</p>	<p>facilitate (1) 9:18 facilities (1) 16:1 facility (1) 31:7 fact (2) 9:20;27:7 fact-finding (1) 9:16 factual (1) 28:25 fair (1) 11:1 far (8) 11:12;21:8;24:21; 30:20;37:12;38:3;39:3; 46:12 Faribault (4) 17:12,24;18:25;19:6 farm (1) 42:18 feasible (1) 34:8 features (1) 16:16 federal (1) 10:18 feedback (8) 5:22;10:5,9;11:25; 13:13;14:8;16:21,24 feet (8) 11:22;25:8,11,12,14,</p>	<p>9:20 findings (1) 9:20 fine (3) 39:8;41:25;44:8 finish (1) 26:14 first (13) 3:1;4:3,15;5:25;15:18; 19:19,19;31:4;34:25; 38:14;39:25;40:3,16 firstly (1) 7:13 five (1) 10:21 fly-aways (1) 45:4 focus (4) 30:19;36:19;44:11; 47:6 focuses (1) 30:11 folks (18) 3:12;4:25;5:16,20;6:1; 7:10;8:17;10:7;13:5; 31:2;32:7;38:4,7,7;41:13; 43:7;47:22;48:17 follow (8) 5:13;6:17;7:21;11:10; 19:1,5;26:12;43:3 following (2) 19:10;42:25 follows (2) 18:3,12 Forever (1) 46:3 forget (1)</p>	<p>gas (1) 10:24 general (2) 27:1;44:6 gets (2) 24:19;37:5 GIS (2) 43:7,11 given (1) 45:1 giving (3) 4:9;10:14;14:4 goal (2) 16:11;29:1 goes (6) 4:24;19:5;21:8,19; 30:20;39:10 good (5) 14:11;18:12;27:9,21; 38:5 government (5) 8:25;9:2;10:2,6,18 governments (1) 23:25 governor (1) 10:22 granted (1) 12:2 Great (3)</p>	

45:6;46:5;48:18 greater (2) 11:22;15:22 green (2) 19:10;40:7 grid (3) 15:10,17,24 ground (5) 5:20;6:1;10:7;18:9; 43:2 group (1) 15:8 growth (1) 16:3	23;48:11 helping (2) 30:10;36:20 helps (3) 15:20,25;45:24 Hicks (1) 28:1 higher (1) 45:20 highly (1) 37:21 high-voltage (3) 7:15;11:17,20 Highway (1) 21:11 HILLER (9) 41:24;42:2,10,11,14; 43:13;44:1,1,15 H-I-L-L-E-R (1) 42:11 Hills (2) 21:22;43:5 hit (1) 14:8 Hold (1) 39:13 hope (1) 29:4 hopefully (1) 30:19 hoping (1) 37:3 hotline (1) 27:11 house (1) 33:22 houses (2) 16:22;23:6 human (4) 28:19;29:20;30:13; 31:12 humans (1) 16:12	30:14;34:3 impacts (18) 8:5,8;16:11;28:20,22; 29:3,4,20,22;30:1,2; 31:12,23;32:2;33:9,23, 25;44:17 important (6) 3:6;7:21;11:9;12:20; 29:23;34:2 improve (1) 15:20 inadequate (1) 19:8 include (3) 8:8;21:25;29:14 included (7) 21:5;22:6,7;27:16; 29:12;30:25;38:20 includes (1) 22:13 inclusion (1) 33:17 increases (1) 16:2 increasing (1) 15:19 incredibly (1) 5:23 independent (2) 11:2;15:9 individual (2) 32:12;35:8 individuals (1) 32:9 industries (1) 10:24 information (28) 4:2,4;6:3;7:13,14;8:11; 10:9;13:9,11;14:5;16:25; 25:25;27:3,6,8,9,12,15, 16;28:25;29:1;33:1; 37:11,16;45:12,13;47:17, 19 informational (1) 31:16 informed (1) 29:6 infrastructure (2) 16:1;25:1 initial (4) 16:24;17:2;22:1,9 initially (2) 16:13;21:24 in-person (3) 5:2;36:1,23 input (2) 32:6,9 install (2) 26:11;40:25 installed (1) 20:6 installing (1) 20:7	interactive (1) 27:5 interchangeably (1) 24:9 interest (1) 11:5 interested (7) 3:19;35:16;38:8;42:3, 17;43:6,8 interrupt (1) 42:7 into (9) 5:15;6:7;12:6;24:4; 29:19,19;30:19;32:25; 45:13 introduction (1) 6:9 involved (6) 8:25;10:3,4,10,14,19 Island (2) 40:3,8 issuance (1) 29:7 issue (1) 14:15 issued (3) 12:14;14:19;25:23 issues (1) 9:3 items (1) 29:11 iterative (1) 16:9	Kenyon (1) 19:8 key (2) 27:3;36:4 kilovolt (4) 3:25;12:9,10,13 kilovolts (2) 11:18,22 kind (19) 3:8;9:23;12:18;16:9; 21:19,20;26:23;27:1; 30:19;32:22;36:19; 39:24;40:1;42:23;44:10, 10,15,17;47:6 known (1) 45:4 kV (29) 12:11;17:7,8,15,16,18; 18:3,6,12,16,18,19;19:2, 24,24;20:1,5,12,13,25; 21:2,14,21;25:6,10,15; 40:17,23;43:1	
H				L	
habitat (1) 45:20 habitats (1) 45:5 half (1) 4:4 Hampton (1) 19:17 hand (10) 38:10,10,14,22,23; 39:4;41:14;43:20;46:25; 47:24 hands (3) 36:15;43:18;47:20 happen (2) 9:24;11:7 happened (2) 5:18;14:6 happening (7) 4:15;12:21;26:17,21, 22;37:7;40:9 happens (1) 35:3 happy (3) 8:24;39:2;47:14 hear (3) 35:22;41:24,25 heard (1) 40:10 hearing (4) 9:19;14:14;42:15; 46:25 Hearings (2) 9:18;14:3 height (1) 25:7 Heine (9) 6:25;12:6;14:23,25; 15:1;40:15;41:4;42:24; 43:15 help (13) 4:9;6:21;7:5,5;8:24; 11:24;13:11;15:17;30:16, 19;33:14;44:11;47:7 helpful (6) 3:22;8:1;30:23;32:8,	I			J	
	id (1) 7:9 idea (2) 12:24;45:17 ideas (3) 31:21;44:11;47:7 identified (6) 15:8,12,13;19:21;21:9; 23:2 identify (5) 25:24;28:21;29:21; 33:7;46:11 Impact (12) 7:18,20,23;9:13;13:21; 14:17;24:22;29:5;33:2, 20;37:9;42:21 impacted (2)			K	
				Jacob (1) 44:22 J-A-C-O-B (1) 44:23 Jake (3) 44:20;45:9;46:20 jobs (1) 16:2 jogs (1) 18:5 joining (1) 27:22 judge (4) 9:17;10:1;14:15,15 July (1) 14:19 Junction (6) 19:21;20:3,3,9;40:3,8 June (2) 13:8;14:19	labeled (1) 40:4 labelled (1) 20:9 LaCrosse (1) 19:17 lag (1) 14:25 Lake (2) 18:7,10 land (3) 24:15,20;42:21 landowner (3) 33:25;42:3,17 landowners (7) 23:18;24:7,14;26:1; 32:13;34:19;42:23 lands (1) 45:1 large (1) 18:19 last (4) 5:14;27:18;32:3;42:11 later (5) 4:21;8:12;9:19;14:1; 24:2 law (4) 9:17,21;10:1;14:15 layers (1) 16:16 lays (1) 32:22 lead (1) 47:13 leading (1) 22:21 least (2) 33:16;37:5
				keeping (1) 3:15 Kellogg (1) 12:12	

<p>leave (1) 3:13</p> <p>left (1) 12:19</p> <p>legal (2) 14:16;24:14</p> <p>length (2) 11:19;23</p> <p>letting (2) 9:9;38:4</p> <p>liability (1) 22:2</p> <p>likely (1) 10:10</p> <p>likes (1) 10:5</p> <p>limit (1) 37:3</p> <p>line (47) 4:1;7:15;11:17,21; 12:9,10,11,13;13:8;17:7; 16,17;18:4,6,12;19:2,4, 19,22;20:13,15,25;21:14, 17,18,21,23,24;24:23; 25:7,12,13;26:11;28:15; 35:12,14;38:8;40:19,23; 41:2;42:16,18,20,25; 43:1,4,5</p> <p>linear (1) 45:17</p> <p>lines (7) 18:14;19:11,12;21:3; 22:2,6,18</p> <p>link (1) 36:9</p> <p>list (2) 29:23;36:18</p> <p>listed (3) 22:15;36:5;45:20</p> <p>listening (1) 31:1</p> <p>literally (1) 42:25</p> <p>little (20) 5:12;11:6,23;12:23; 14:25;16:6,20;21:6; 22:25;25:9,17,18;29:11; 31:11;32:18;36:22,24; 38:2;42:15;43:24</p> <p>live (1) 32:9</p> <p>LOBBY (14) 3:1,3;6:10;38:5;41:11, 25;42:7,12;43:16;44:7, 19;45:6;46:20;48:17</p> <p>local (6) 3:19;10:6;23:25;32:7, 11;45:4</p> <p>located (7) 16:1;17:18;18:8;19:3; 20:5;21:3;42:18</p> <p>location (2) 24:16;26:19</p>	<p>locations (1) 26:3</p> <p>Logan (1) 28:1</p> <p>long (2) 13:17;17:7</p> <p>long-range (1) 15:11</p> <p>look (8) 13:23,25;14:11;30:23; 31:21;35:1,2;46:16</p> <p>looked (3) 14:8;16:14,20</p> <p>looking (9) 7:25;28:7,18,25;29:12; 32:15;35:7;42:5;43:2</p> <p>looks (2) 12:22;42:21</p> <p>lot (4) 8:10;16:15;24:9;37:11</p> <p>low-cost (1) 15:23</p> <p>LRTP (1) 15:12</p> <p style="text-align: center;">M</p> <p>Madison (1) 18:7</p> <p>mail (2) 36:7;47:11</p> <p>mailed (1) 36:6</p> <p>mailing (1) 37:14</p> <p>mailings (1) 23:7</p> <p>main (2) 35:20;47:12</p> <p>maintain (2) 24:13;37:7</p> <p>makes (1) 3:10</p> <p>making (3) 5:23;46:14;48:11</p> <p>management (1) 45:2</p> <p>Manager (2) 27:23;28:2</p> <p>manages (1) 9:12</p> <p>Mankato (5) 3:25;12:11;15:6;17:23; 18:7</p> <p>manner (1) 11:4</p> <p>many (5) 10:4,10;45:16,17,17</p> <p>map (16) 17:9,15;18:21;21:18; 27:5;32:14;33:12;40:4,6; 42:17,22;43:6,8,12;46:3, 10</p>	<p>mapping (1) 16:15</p> <p>maps (5) 16:24;17:3;33:6;39:21; 46:4</p> <p>March (2) 13:17,20</p> <p>material (1) 31:16</p> <p>materials (1) 26:7</p> <p>matting (1) 26:2</p> <p>may (12) 8:8;10:9,15,17;16:22; 29:17;32:11;34:18; 36:20;45:19;46:6,9</p> <p>maybe (2) 43:9;47:21</p> <p>measures (1) 46:17</p> <p>meet (3) 31:5;34:6;35:11</p> <p>meeting (10) 3:2;4:3,20;7:12;13:10; 28:12;35:21;48:4,14,19</p> <p>meetings (5) 3:13;4:11,17;13:9;36:1</p> <p>member (1) 6:19</p> <p>mentioned (11) 12:17;13:10;18:5; 20:23;22:11;23:2;29:9,9; 31:8;32:6;34:24</p> <p>methods (2) 8:7;31:22</p> <p>Midcontinent (1) 15:9</p> <p>middle (5) 17:11;21:19;23:11; 40:21;41:1</p> <p>might (7) 10:14;26:21,21;32:15; 39:20;42:15;47:7</p> <p>mile (1) 11:19</p> <p>miles (4) 17:16;19:13;20:24; 45:18</p> <p>minimization (1) 46:17</p> <p>minimize (5) 8:7;16:11;28:21;29:21; 31:22</p> <p>Minnesota (9) 9:4;10:20;11:19;12:12; 15:14;22:17;23:12; 27:23;28:13</p> <p>minute (1) 47:22</p> <p>MISO (2) 15:8;23:2</p> <p>missed (1)</p>	<p>39:21</p> <p>mission (1) 10:25</p> <p>Mississippi (5) 3:25;12:12;15:7;17:14; 20:9</p> <p>mitigate (6) 8:7;28:21;29:21;31:23; 32:2;33:23</p> <p>mitigating (1) 33:20</p> <p>mitigation (1) 29:4</p> <p>mmrtpprojectcom (1) 27:5</p> <p>mobilize (1) 26:6</p> <p>Monday (1) 4:12</p> <p>monitored (1) 27:11</p> <p>month (2) 13:24;14:1</p> <p>more (33) 5:1,6,12;6:20;8:10,21, 24;11:18,18,22,23;12:7; 13:2;14:10;16:6;17:19; 18:17;21:6,7;26:19;27:6, 12;31:11;35:16;36:23,25; 38:3;39:1;41:17;44:14; 47:14,19;48:3</p> <p>most (3) 6:19;25:5;32:23</p> <p>mostly (2) 18:3;19:9</p> <p>move (1) 29:18</p> <p>moved (1) 33:4</p> <p>much (8) 3:5,22;6:5;10:5;41:11; 42:12;43:16;48:5</p> <p>multiple (3) 26:17,18,24</p> <p>Municipal (1) 22:17</p> <p>myself (3) 8:22;30:24;32:24</p> <p style="text-align: center;">N</p> <p>name (13) 3:3;6:10,18;15:1; 27:22;37:2;39:16;41:22; 42:9,10,11;44:21,22</p> <p>narrower (1) 19:7</p> <p>Natural (2) 10:12,24</p> <p>near (3) 3:20;12:12;21:16</p> <p>necessarily (1) 45:9</p>	<p>need (28) 10:16;11:10,16;12:1; 17:17,25;23:9;25:9,10; 27:14;28:17;29:7;31:5,8; 32:23;33:1,4,19;34:5,5,6, 7,7,16;35:11;37:6,25; 41:1</p> <p>needed (3) 23:3,21;26:4</p> <p>needs (3) 11:7;15:14;35:15</p> <p>negotiations (1) 23:18</p> <p>neutral (2) 28:23;30:5</p> <p>new (4) 12:8,10;20:24;45:25</p> <p>newer (1) 45:25</p> <p>next (28) 15:5;16:4,6;17:4,20,20; 18:23;19:14;20:21;22:10, 24;24:6,25;25:21;27:2; 28:5,12;29:8;30:6;31:22; 32:17;34:23;35:19,24; 36:17,21;37:10;41:7</p> <p>no-build (1) 35:2</p> <p>nominal (1) 11:21</p> <p>Normally (1) 35:25</p> <p>north (10) 12:13;17:12,13;18:2,3, 25;19:1,18;21:22;43:4</p> <p>northern (3) 21:17,22;43:5</p> <p>note (6) 6:13;8:13;24:7,10,12; 26:16</p> <p>noted (2) 15:17;17:6</p> <p>notes (1) 44:4</p> <p>notice (1) 30:8</p> <p>notification (1) 37:20</p> <p>number (4) 15:16;16:23;27:11; 33:14</p> <p>Numbers (1) 5:11</p> <p style="text-align: center;">O</p> <p>obtain (2) 23:19,22</p> <p>obviously (1) 35:22</p> <p>occasion (1) 25:3</p> <p>occur (1)</p>
--	--	---	---	--

<p>30:2 October (2) 13:16,17 off (2) 36:6;40:23 Office (1) 9:17 official (4) 3:14,15;11:11;12:25 officially (1) 13:14 often (2) 10:8;46:4 oftentimes (1) 26:18 once (10) 6:4;7:7;13:13;14:16; 15:22;21:12;23:15;26:6, 13;47:15 one (30) 4:12,12,14,16,18;8:13, 16;11:19;15:7,10;17:21; 18:1;19:16;20:12;21:12; 22:8;26:19,19,20,23; 29:23;31:4;33:25;34:14; 35:24;37:5;38:6;39:13, 20;45:24 ones (2) 17:2;46:12 online (10) 36:9;37:12;38:16,24; 39:4;41:15;43:20;47:1,9, 24 only (5) 8:16;38:6;44:5,5;46:4 on-the-ground (1) 16:21 onto (1) 15:20 open (4) 16:22;23:6;33:10;47:3 operated (1) 30:15 operating (5) 11:21;19:24;20:11; 40:17,19 operation (1) 24:23 Operator (2) 15:9,10 opinions (1) 5:21 opportunities (1) 39:9 opportunity (7) 5:21;7:8,9,16;14:2; 37:5;39:6 opposed (1) 5:2 opposite (2) 19:24;20:12 option (4) 18:2,2,3;36:7</p>	<p>options (2) 18:22;21:4 orange (1) 17:10 order (2) 11:13;38:13 others (1) 10:4 out (32) 3:8;6:21,21,23;8:20,21; 13:3;16:20,23;18:6;19:5; 23:7;27:12;29:6;30:4,8, 19;32:13,22;33:15;34:12; 35:18,25;36:6,12;41:9; 42:19;45:23;47:21;48:4, 6,13 outreach (2) 23:6,24 outside (1) 8:20 over (10) 6:17;13:25;16:5;17:14, 19;19:20;20:9;21:13; 38:2;46:7 overall (1) 12:5 overlap (1) 22:25 overlay (1) 42:22 overly (1) 34:1 overseen (1) 14:14 oversight (1) 11:3 overview (2) 15:2;17:10 owned (1) 20:13</p>	<p>parties (1) 9:8 partners (5) 22:3,12,18,19,23 parts (2) 11:25;12:21 party (3) 28:23;30:4;42:3 pass (2) 14:22;18:18 peels (1) 40:23 people (2) 31:1;38:6 Perfect (1) 42:2 period (10) 4:24;5:8;8:14,14,20; 29:18;36:16;39:10; 41:19;47:3 perions (3) 8:15,18;12:25 permanent (1) 24:11 permit (11) 7:15;11:11,20;12:2,14; 23:9,14;25:23,25;28:17; 29:8 Permits (4) 9:4;10:16;23:20,21 permitted (5) 5:24,25;6:1,10;17;11:8 permitting (5) 9:25;10:3;20:14,17; 22:22 person (3) 14:3;43:11;47:16 pertains (1) 36:23 phase (1) 23:11 Pheasants (1) 46:3 phone (5) 31:1;33:14;35:18; 41:16;47:2 physically (2) 40:20;41:1 pick (1) 46:15 piers (1) 26:9 Pine (2) 40:3,8 place (3) 5:25;6:22;40:13 placed (1) 24:4 places (1) 26:17 planned (1) 12:15 plat (1)</p>	<p>42:22 please (9) 15:5;28:5;29:8;36:16; 37:1;38:19;39:17;42:9; 44:20 plenty (2) 4:22;39:11 plus (1) 35:22 pm (1) 48:19 point (12) 10:1;17:4;20:8;21:14; 23:17;26:19;30:4;34:12; 35:6,15;40:23;45:22 pole (3) 25:3,4,21 poles (3) 25:6,13,17 Pollution (1) 10:12 populated (2) 18:17;21:7 population (1) 3:19 portion (13) 8:14;17:9,16;18:5,12; 19:17,19,22;20:2;21:17; 24:19;40:2,18 portions (3) 18:15;19:4;21:1 possible (8) 16:13;18:11;22:5; 24:25;29:3;33:5;37:8; 46:16 possibly (3) 31:18;42:21;46:1 posted (2) 31:17;36:2 potential (9) 8:5,7;28:19;29:3,20; 31:23;32:2;33:9;34:16 pour (1) 26:9 Power (4) 20:13,16;22:16,17 prefer (1) 33:6 preliminary (3) 16:17,18;23:7 preparation (1) 39:1 prepare (1) 9:13 preparing (1) 26:4 presence (3) 3:2,5;48:7 presentation (10) 5:14,15;6:8;7:8;8:10; 31:9;33:13;37:22;41:6; 42:5 presentations (1)</p>	<p>27:20 press (4) 38:15,25;41:16;47:2 primarily (1) 44:16 print (1) 36:6 private (1) 45:2 probably (4) 24:2;38:23;41:7;46:24 process (37) 3:6;4:5,5;18,19;6:10, 17,24;7:4,6,15,22;8:16; 9:1,12,19,25;10:3;11:10; 12:19,21,22;13:2;16:10; 17:4;20:14,17;22:22,24; 23:5,23;25:22;28:5,8; 30:9;34:3;44:25;45:11 production (1) 45:3 professional (1) 11:2 progress (1) 3:11 project (98) 3:20;4:1,5,8,10;5:9,20, 24;6:13,22;7:1,5,14;8:6; 9:5,14,22;10:7,17;11:6,8, 13;12:5,7,15;13:4;14:24; 15:3,6,7,15;16:5;17:6; 19:17;20:20;21:24;22:11, 12,14,19,20,23;23:1,2,3, 14,17;24:4;26:17,23; 27:3,4,6,10,14;28:8,9,16, 20,22,23;29:2,10,13,22; 30:6,14,15;31:5,6,13,17, 19,19,24;32:3,4,10,10; 33:3,16,24;34:7,21;35:2, 4,7,11,11,14;36:3,4,4,9, 10;37:18;43:6;47:16 projects (9) 9:6,15;15:8,11,12,13, 16;16:4;28:24 prompt (1) 15:4 properties (2) 34:19;45:16 property (3) 24:17;25:24;34:21 propose (2) 32:20;35:17 proposed (34) 4:1;6:25;7:13;8:6;9:14, 22;12:11;19:25;20:18; 21:25;23:8;28:9,20,22; 29:3,12,14,22;30:14,15; 31:13,23;32:3,4,10,21; 33:3,10,16,21,24;35:2,4,5 proposing (3) 8:8;12:8;21:2 provide (14) 3:18;5:22;6:3;7:13,16;</p>
	P			
	<p>page (5) 31:19;36:4,4,10,10 Panait (2) 6:14;47:13 paper (1) 3:18 parallel (1) 26:25 parcels (1) 43:7 part (9) 4:4,6;15:24;17:18; 19:25;20:19;22:14;25:5; 34:2 participate (1) 7:17 particular (1) 37:18 particularly (1) 42:20</p>			

<p>8:11;9:19;11:2,25;13:1; 14:7;27:8,13;39:11 providers (1) 11:4 provides (1) 16:2 providing (1) 29:1 Public (34) 3:3;4:2,4,11;5:10,16, 17;6:11,12,13,15;8:23; 9:1,4,9,18;10:20;11:5,14; 12:24;13:5,8;14:3,13; 16:22;22:16;23:6,12,25; 34:10;37:16;45:1;47:12, 12 publicly (3) 5:6;39:7;47:23 PUC (1) 41:6 purchased (1) 46:1 purple (1) 12:23 purpose (1) 7:12 put (7) 29:6;33:21,22;44:9; 45:9,10;47:4</p>	<p>react (1) 14:6 read (2) 31:2;36:19 ready (1) 48:4 really (15) 3:5,9,21,21;5:5;8:1; 17:8;30:20,23;33:23; 40:11;42:23;45:24;48:7, 10 reason (1) 35:20 reasonable (1) 11:1 reasons (1) 22:3 recently (1) 22:9 recognize (1) 3:8 recommend (2) 28:9;37:21 recommendations (1) 9:21 recommended (1) 34:9 record (5) 3:15;35:23,23;37:19; 38:20 reduced (1) 34:4 refer (2) 31:9,20 referred (1) 27:25 refined (1) 17:1 regard (2) 44:5,6 region (4) 15:10,15,22;16:2 regional (1) 15:10 regularly (1) 27:10 regulate (1) 10:23 regulation (1) 11:3 reiterate (1) 36:15 rejoining (1) 18:6 release (1) 13:16 released (1) 13:22 reliability (1) 15:21 relocate (1) 20:15 relocating (1)</p>	<p>21:17 remember (1) 30:7 remind (1) 39:6 reminder (1) 41:14 renewable (2) 15:19,23 repeat (1) 46:24 report (2) 9:19;14:15 reporter (7) 3:14;35:22;37:2;39:16; 41:23;42:8;44:21 required (4) 11:13,17,20;23:20 requirements (1) 11:7 resilience (1) 15:21 resource (1) 31:14 Resources (6) 10:12;28:22;30:12,13; 32:11;45:19 respect (1) 37:7 rest (1) 7:9 restoration (3) 24:5;26:14;46:8 restored (1) 45:22 restricted (1) 24:21 restrictions (1) 18:9 revenue (1) 16:3 review (20) 3:16,17;4:5,8,10;6:10, 24;7:2,4;9:12;10:15; 13:19,20,23;27:23,25; 28:2,8,14,18 reviewed (1) 48:10 reviews (1) 9:3 Rich (11) 7:1;8:9,22;11:23; 27:22;39:9;44:12,13; 45:7;47:10,11 right (23) 4:15;6:22;12:22;13:10; 19:23;20:5,11;21:11; 27:19;28:6;31:3;36:7,9; 39:13;40:25;41:13,20; 43:18,24;44:19;46:22; 48:1,17 right-of-way (10) 24:8,11,13,17,19;</p>	<p>25:11,16,25;26:3,5 River (5) 3:25;12:12;15:7;17:14; 20:10 roads (3) 19:12;26:2;32:16 Rochester (9) 12:14;17:12,13;18:25; 19:18;21:16,22;22:16; 43:4 role (1) 28:7 rounds (1) 16:22 route (42) 7:15;8:9,9;9:3;11:11, 20;12:1;16:18;19:1,10, 14;21:1,9,9,25;22:8;23:4, 5,9,19,22;28:17;29:8,15, 16,25;30:3;31:25;32:17, 18,19,19,21,21;34:13,13; 35:8,8;39:24;44:25; 45:15;46:15 routes (17) 16:7,14,18,24;17:1; 18:1,14;23:9,15;29:14, 25;31:25;32:19;39:22; 41:5,8;42:20 routing (1) 21:8 run (1) 12:11 running (1) 47:21</p>	<p>37:22 scroll (1) 37:23 second (4) 4:6;20:6,7;40:1 section (3) 19:12;40:8;42:5 secure (1) 23:18 seeing (9) 4:18;6:18;39:3,12; 41:17;43:18;46:22; 47:20;48:2 seeking (2) 11:14;28:16 segment (35) 8:9;17:11,13,14,19,22; 18:1,8,11,15,20,24;19:1, 9,13,16,18,25;20:23; 21:11;22:13,13;29:16; 32:21;34:13;35:8;40:2, 16,21;41:1,2;42:6,13,15, 16 segments (7) 17:8,9;22:20;25:10,16; 32:1,20 select (2) 34:14;45:14 selected (6) 18:15;19:14;23:16,22; 30:3;41:5 selection (2) 34:2;44:25 Senate (1) 10:23 send (3) 43:9,10;47:11 sense (1) 9:24 separate (2) 12:10;20:14 September (3) 14:21;16:23;41:7 sequence (1) 27:2 serve (1) 28:23 service (4) 10:23;11:3;12:16;24:4 services (1) 11:1 set (1) 26:10 setting (1) 9:20 several (2) 13:23;24:24 shape (4) 4:9;8:2;13:11;14:5 share (1) 9:10 sharper (1) 25:4</p>
Q				
<p>quality (1) 45:20 quick (2) 8:13;44:3 quickly (1) 12:4</p>				
R				
<p>raise (9) 38:10,10,22,23;39:4; 41:15;43:20;46:25;47:23 raised (1) 43:19 raises (1) 38:14 ran (1) 40:3 Randa (3) 44:22,22;46:19 R-A-N-D-A (1) 44:23 range (1) 31:14 rates (1) 11:2 rather (2) 7:6;19:6 reach (7) 6:20,23;8:20,21;13:3; 27:12;35:17</p>				
			S	
			<p>safe (2) 10:25;24:23 Sam (12) 3:3;6:10;15:1,4;17:6; 22:25;27:19;29:9;31:8; 32:6,17;38:2 Same (8) 4:13,18,19;17:18; 24:10;36:18;37:14;43:4 saying (1) 46:25 schedule (1) 23:1 scheduled (1) 12:16 schedules (1) 48:7 scope (8) 7:17,22,24;13:15; 30:24;34:10;36:21;37:9 scoping (8) 4:3;22:7;28:9;29:18; 30:9,10;32:25;35:6 screen (3) 5:12;19:21;20:4 screenshot (1)</p>	

<p>sheet (1) 36:2</p> <p>sheets (1) 27:7</p> <p>shifted (1) 33:4</p> <p>shifting (1) 33:24</p> <p>shorter (1) 25:19</p> <p>shot (1) 20:4</p> <p>show (2) 9:23;12:17</p> <p>showed (1) 40:7</p> <p>shown (4) 17:2,15;18:21;37:15</p> <p>shows (2) 12:22;29:11</p> <p>sick (1) 46:25</p> <p>side (7) 19:5,25;20:12,12; 21:13,20;25:12</p> <p>significance (1) 32:12</p> <p>significant (3) 19:2;45:4,5</p> <p>similar (1) 15:16</p> <p>Similarly (1) 9:14</p> <p>simply (2) 33:21;34:18</p> <p>single (3) 25:2,6,21</p> <p>single-circuit (3) 20:4,25;43:1</p> <p>Site (3) 9:3;16:20;31:19</p> <p>size (3) 31:6;35:10,13</p> <p>S-K-I-B (1) 39:19</p> <p>Skibsted (4) 39:18,18;41:3,10</p> <p>slide (33) 15:5;16:4;17:5,20; 18:23;19:15;20:22;22:10, 15,24;24:6,25;25:21; 27:2,18;28:5,12;29:8,11; 30:6,7;31:10;32:17,22; 34:23;35:19;36:17,21,23; 37:10,11,24;47:4</p> <p>slides (3) 9:22;15:4;16:6</p> <p>smaller (4) 18:18,22;21:5;25:18</p> <p>snapshot (2) 12:5,18</p> <p>soil (1) 25:23</p>	<p>solidified (1) 39:25</p> <p>somebody (2) 5:5;33:22</p> <p>someone (2) 8:22;41:20</p> <p>sometime (1) 24:2</p> <p>sometimes (3) 4:25;25:4,9</p> <p>somewhat (2) 24:9,21</p> <p>Sorry (2) 42:7;44:1</p> <p>sort (1) 14:11</p> <p>sorts (2) 8:4;10:13</p> <p>Sounds (1) 38:5</p> <p>source (1) 27:9</p> <p>south (9) 18:2,5,11,16,20;19:5,9; 21:12,15</p> <p>Southern (1) 22:17</p> <p>spans (2) 25:13,18</p> <p>speak (14) 5:6;9:9;36:25;37:5; 38:6,12,16,18,21,22;39:7, 15;43:19,22</p> <p>speaking (1) 38:8</p> <p>specific (4) 24:16,16;27:9;40:1</p> <p>specifically (3) 27:13;30:3;40:2</p> <p>spell (5) 37:2;39:16;41:22;42:9; 44:21</p> <p>spelling (1) 44:2</p> <p>spending (1) 3:21</p> <p>spots (1) 27:1</p> <p>staff (4) 6:19;32:24;37:16,17</p> <p>staggered (1) 26:22</p> <p>stakeholder (2) 23:6,24</p> <p>staking (1) 25:24</p> <p>standpoint (1) 31:15</p> <p>start (2) 3:4;12:15</p> <p>started (2) 46:8,9</p> <p>starting (1)</p>	<p>16:10</p> <p>state (7) 10:10,23;37:1;39:16; 41:22;42:8;44:21</p> <p>stated (1) 31:5</p> <p>Statement (8) 7:18,20,23;9:14;13:21; 14:17;29:5;37:10</p> <p>state's (1) 7:14</p> <p>S-T-E-D (1) 39:19</p> <p>steel (4) 25:2,6,21;26:11</p> <p>steps (2) 26:21,21</p> <p>still (9) 4:22;24:24;39:11,12; 41:8;47:20,23;48:2,12</p> <p>strategies (2) 28:21;29:21</p> <p>strengthen (1) 15:17</p> <p>stress (1) 34:5</p> <p>stringing (2) 26:13,16</p> <p>structure (2) 24:13;25:5</p> <p>structures (10) 17:18;20:5,8;25:3,14, 20,21;26:12;40:11,24</p> <p>study (6) 4:9;8:2;13:15;14:5,7; 35:3</p> <p>studying (2) 7:25;29:19</p> <p>stuff (4) 23:25;36:23;40:13; 46:11</p> <p>sub (1) 17:25</p> <p>submit (7) 5:7;33:19;35:24;36:11, 13;43:23;47:9</p> <p>submitted (5) 13:6;16:8;23:10;34:6; 36:14</p> <p>subscribe (1) 37:20</p> <p>subsegments (1) 21:5</p> <p>Substation (8) 17:12,13,22,24;18:25; 19:20;21:16;40:22</p> <p>substations (1) 18:4</p> <p>suggest (2) 33:5;34:12</p> <p>suggested (1) 34:5</p> <p>support (2)</p>	<p>14:11;15:13</p> <p>supports (1) 16:3</p> <p>sure (8) 5:19;21:10;30:1;31:18; 33:12;43:14;44:18;46:16</p> <p>surrounding (1) 44:16</p> <p>surveys (2) 25:24;45:21</p> <p>system (8) 15:20,21;29:16;31:10; 34:25;35:5,6,17</p> <p>Systems (1) 15:9</p>	<p>24:9;36:25;37:15</p> <p>timing (1) 35:10</p> <p>today (19) 3:2,5,21,24;4:2,9;6:6,9, 14,16;7:11;9:9;14:2,4; 28:3;39:12;42:4;43:17; 48:6</p> <p>today's (3) 7:12;13:10;35:21</p> <p>together (2) 22:2,6</p> <p>told (1) 34:21</p> <p>tonight (1) 4:21</p> <p>took (2) 16:25;44:16</p> <p>top (1) 36:10</p> <p>topics (2) 38:1;44:10</p> <p>totally (1) 46:7</p> <p>tough (1) 46:12</p> <p>towards (1) 21:20</p> <p>town (1) 18:17</p> <p>towns (1) 6:2</p> <p>track (1) 37:24</p> <p>transcripts (1) 3:16</p> <p>transferred (1) 46:7</p> <p>transmission (15) 4:1;7:15;11:17,21; 12:9,10;15:7,11,18;18:4; 19:11;24:23;25:3;28:15; 35:12</p> <p>Transportation (1) 10:11</p> <p>travelling (1) 19:6</p> <p>tree (1) 26:3</p> <p>Trevor (3) 6:11,22;8:22</p> <p>triangle (1) 21:20</p> <p>try (5) 33:15;45:12,16;46:11, 15</p> <p>trying (4) 16:12;28:25;30:24; 42:19</p> <p>Tuesday (1) 4:13</p> <p>tuning (1) 7:10</p>
T				
			<p>table (1) 30:10</p> <p>talk (11) 3:24;6:24,25;7:3,22; 8:10,19;9:25;11:23; 14:23;38:4</p> <p>talked (2) 39:9;47:10</p> <p>talking (4) 7:24;12:6;25:1;42:13</p> <p>tall (1) 25:10</p> <p>taller (1) 25:9</p> <p>tax (1) 16:2</p> <p>team (1) 16:19</p> <p>telephone (1) 10:24</p> <p>tend (1) 26:23</p> <p>term (1) 7:21</p> <p>terms (4) 10:14;11:9,12;24:8</p> <p>terrain (2) 25:8,15</p> <p>thanking (1) 3:4</p> <p>Thanks (4) 15:1;45:8;46:20;48:17</p> <p>third (3) 13:8;28:23;30:4</p> <p>though (2) 27:2;40:18</p> <p>three (2) 10:2,23</p> <p>throughout (13) 5:14;8:16;9:24;12:19; 13:2;15:21;23:23;26:17, 20,22;28:5;30:14;33:13</p> <p>timeline (2) 9:23;12:17</p> <p>times (3)</p>	

<p>two (12) 4:12;11:11,25;16:22; 18:1,4,20;22:6;25:4;38:9; 39:20;47:22 type (4) 31:6;35:10,13;45:12 types (1) 34:1 typical (4) 25:7,11,16,22 typically (4) 23:20;25:13,19;26:16</p>	<p>11:1,3;22:3;24:12 utilize (1) 20:1 utilizing (1) 40:13</p>	<p>34:11 weight (4) 5:1;44:25;45:10,10 weighted (1) 5:4 welcome (7) 5:6;6:20;8:21;13:3; 39:15;41:17;44:7</p>	<p>Z</p>	<p>23 (1) 23:3 23-157 (1) 5:11 26 (1) 24:2</p>
<p>U</p>	<p>V</p>	<p>west (5) 17:11,23;19:20;21:9,20 what's (7) 19:21;20:3;31:3;32:21; 33:2,10;43:2 whole (4) 15:13,15;17:6;35:7 wide (1) 31:14 width (2) 25:11,16 wildlife (1) 45:2 willing (1) 33:14 Wilmarth (1) 17:22 within (5) 16:1;24:20,25;26:15; 28:2 wonder (1) 4:25 wondering (1) 30:17 work (7) 22:3,23;26:23;40:22, 25;46:8;47:14 worked (1) 16:10 working (6) 20:16;22:12;24:7; 26:18,25;30:9 written (10) 3:17;4:23;5:3,4,7;39:8; 43:13,23;47:3,8</p>	<p>zone (1) 40:12 zoom (1) 43:7</p>	<p>3</p>
<p>unavoidable (1) 30:2 under (1) 5:10 understood (1) 40:5 underway (1) 20:14 unfortunately (1) 6:16 unique (1) 32:4 Unit (3) 7:3;9:2;27:25 units (4) 8:25;10:2,6;28:2 unless (1) 48:14 unmute (4) 38:7,12;39:14;41:21 unmuted (2) 39:15;44:20 up (12) 5:11;6:18;21:19;26:10, 14;31:10;33:10;36:12,21; 44:3,9;47:4 update (3) 14:18;15:25;46:4 upgrade (1) 15:25 use (12) 14:18;24:8,12,15; 34:17,20,22;38:9,18,22; 40:5,10 used (4) 11:12;16:15;24:19; 34:16 useful (7) 5:23;8:5;29:6;30:20; 34:1;37:11;44:12 uses (2) 24:20,24 Utilities (19) 3:3;5:10,16;6:11,12,15; 8:23;9:2,4;10:20;11:14; 13:5;22:15,16;23:12; 34:11;37:16;47:12,12 utility (4)</p>	<p>valuable (1) 6:4 valued (1) 48:8 varies (1) 25:15 variety (1) 27:17 various (1) 30:12 verbal (3) 5:2,4;35:21 verification (1) 16:19 version (1) 13:21 via (2) 35:18;36:24 viewed (1) 42:4 virtual (3) 3:1;4:15;14:3 voice (4) 5:17,21;9:8,10 voltage (1) 11:21</p>	<p>what's (7) 19:21;20:3;31:3;32:21; 33:2,10;43:2 whole (4) 15:13,15;17:6;35:7 wide (1) 31:14 width (2) 25:11,16 wildlife (1) 45:2 willing (1) 33:14 Wilmarth (1) 17:22 within (5) 16:1;24:20,25;26:15; 28:2 wonder (1) 4:25 wondering (1) 30:17 work (7) 22:3,23;26:23;40:22, 25;46:8;47:14 worked (1) 16:10 working (6) 20:16;22:12;24:7; 26:18,25;30:9 written (10) 3:17;4:23;5:3,4,7;39:8; 43:13,23;47:3,8</p>	<p>1</p>	<p>3 (7) 17:9,13,19;19:16,25; 22:13;40:2 300 (2) 11:18;25:19 345 (17) 3:25;12:9,11;17:7,8,18; 18:19;19:8,24;20:2,4,12, 18,21;25:6,10;40:17 35 (1) 19:13 3A (3) 40:7,8;41:2</p>
<p>W</p>	<p>W</p>	<p>X</p>	<p>1 (14) 4:24;5:8;8:15;17:9,10, 22;18:15,20;36:16;37:13; 39:10;41:19;43:22;47:3 1:09 (1) 48:19 100 (3) 11:22;25:7,17 115 (2) 18:3,6 1200 (1) 25:14 120-mile (1) 17:7 130-mile (1) 12:9 150 (2) 25:7,11 1500 (1) 11:22 161 (17) 12:10,13;17:15,16; 19:24;20:1,12,13,15,25; 21:14,21;25:15,20;40:19, 23;43:1 1L (1) 18:21 1M (1) 18:21</p>	<p>4</p>
<p>Wabaco (2) 20:3,9 wait (1) 23:21 waiting (1) 47:5 waste (1) 48:9 waterfowl (1) 45:3 way (3) 42:22;44:8,11 ways (4) 18:6;27:17;31:4;41:8 WebEx (2) 28:3;36:24 webpage (2) 37:17,23 website (7) 5:10;27:4;31:17,18; 36:3,5;47:19 week (1) 4:11 weeks (1) 13:24 weigh (1)</p>	<p>W</p>	<p>Y</p>	<p>2</p>	<p>4 (5) 17:14;20:23;21:11; 22:13;42:16 40 (1) 19:13</p>
<p>year (2) 23:10;41:7 year-long (1) 6:17 Yep (6) 15:1,6;40:15;41:25; 43:15;44:22 yesterday (1) 4:14</p>	<p>X</p>	<p>X</p>	<p>2 (7) 17:9,11;18:11,24;19:1, 9;42:16 20 (2) 17:16;20:24 2022 (2) 16:11;23:3 2023 (1) 16:21 2024 (4) 13:7,16,17;36:16 2025 (6) 13:17,20;14:1,6,19,21 2026 (1) 12:15 2030 (3) 12:16;24:3,3 20-mile (1) 12:10 22-532 (1) 5:11</p>	<p>5</p>
<p>Y</p>	<p>Wabaco (2) 20:3,9 wait (1) 23:21 waiting (1) 47:5 waste (1) 48:9 waterfowl (1) 45:3 way (3) 42:22;44:8,11 ways (4) 18:6;27:17;31:4;41:8 WebEx (2) 28:3;36:24 webpage (2) 37:17,23 website (7) 5:10;27:4;31:17,18; 36:3,5;47:19 week (1) 4:11 weeks (1) 13:24 weigh (1)</p>	<p>Xcel (11) 4:1;6:25;12:6,8;14:23; 15:1;22:21;34:16,21; 37:17;47:18</p>	<p>2 (7) 17:9,11;18:11,24;19:1, 9;42:16 20 (2) 17:16;20:24 2022 (2) 16:11;23:3 2023 (1) 16:21 2024 (4) 13:7,16,17;36:16 2025 (6) 13:17,20;14:1,6,19,21 2026 (1) 12:15 2030 (3) 12:16;24:3,3 20-mile (1) 12:10 22-532 (1) 5:11</p>	<p>500 (1) 25:19 52 (1) 21:11</p>
<p>Y</p>	<p>Wabaco (2) 20:3,9 wait (1) 23:21 waiting (1) 47:5 waste (1) 48:9 waterfowl (1) 45:3 way (3) 42:22;44:8,11 ways (4) 18:6;27:17;31:4;41:8 WebEx (2) 28:3;36:24 webpage (2) 37:17,23 website (7) 5:10;27:4;31:17,18; 36:3,5;47:19 week (1) 4:11 weeks (1) 13:24 weigh (1)</p>	<p>Y</p>	<p>2</p>	<p>6</p>
<p>Y</p>	<p>Wabaco (2) 20:3,9 wait (1) 23:21 waiting (1) 47:5 waste (1) 48:9 waterfowl (1) 45:3 way (3) 42:22;44:8,11 ways (4) 18:6;27:17;31:4;41:8 WebEx (2) 28:3;36:24 webpage (2) 37:17,23 website (7) 5:10;27:4;31:17,18; 36:3,5;47:19 week (1) 4:11 weeks (1) 13:24 weigh (1)</p>	<p>Y</p>	<p>2</p>	<p>6:00 (1) 4:16 69 (5) 18:12,16,18;19:2;21:2</p>
<p>Y</p>	<p>Wabaco (2) 20:3,9 wait (1) 23:21 waiting (1) 47:5 waste (1) 48:9 waterfowl (1) 45:3 way (3) 42:22;44:8,11 ways (4) 18:6;27:17;31:4;41:8 WebEx (2) 28:3;36:24 webpage (2) 37:17,23 website (7) 5:10;27:4;31:17,18; 36:3,5;47:19 week (1) 4:11 weeks (1) 13:24 weigh (1)</p>	<p>Y</p>	<p>2</p>	<p>7</p>
<p>Y</p>	<p>Wabaco (2) 20:3,9 wait (1) 23:21 waiting (1) 47:5 waste (1) 48:9 waterfowl (1) 45:3 way (3) 42:22;44:8,11 ways (4) 18:6;27:17;31:4;41:8 WebEx (2) 28:3;36:24 webpage (2) 37:17,23 website (7) 5:10;27:4;31:17,18; 36:3,5;47:19 week (1) 4:11 weeks (1) 13:24 weigh (1)</p>	<p>Y</p>	<p>2</p>	<p>75 (1) 25:12</p>
<p>Y</p>	<p>Wabaco (2) 20:3,9 wait (1) 23:21 waiting (1) 47:5 waste (1) 48:9 waterfowl (1) 45:3 way (3) 42:22;44:8,11 ways (4) 18:6;27:17;31:4;41:8 WebEx (2) 28:3;36:24 webpage (2) 37:17,23 website (7) 5:10;27:4;31:17,18; 36:3,5;47:19 week (1) 4:11 weeks (1) 13:24 weigh (1)</p>	<p>Y</p>	<p>2</p>	<p>8</p>
<p>Y</p>	<p>Wabaco (2) 20:3,9 wait (1) 23:21 waiting (1) 47:5 waste (1) 48:9 waterfowl (1) 45:3 way (3) 42:22;44:8,11 ways (4) 18:6;27:17;31:4;41:8 WebEx (2) 28:3;36:24 webpage (2) 37:17,23 website (7) 5:10;27:4;31:17,18; 36:3,5;47:19 week (1) 4:11 weeks (1) 13:24 weigh (1)</p>	<p>Y</p>	<p>2</p>	<p>80 (1) 25:16 800 (1) 25:14</p>

From: [Michael & Linda Frost](#)
To: [Davis, Richard \(COMM\)](#)
Subject: comments on Xcel Transmission Line
Date: Thursday, August 1, 2024 2:23:43 PM

You don't often get email from frostybrook1@aol.com. [Learn why this is important](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Dear Mr. Davis,

I am opposed to the 4 west power line. I farm in New Haven township Section 32 and this line would go across our farm land. We have tilled this land and everything flows well. It would take many years to get back to how it is now if heavy equipment ran over it.

Also if we needed to spray the crops with helicopters, they may not be able to maneuver around them. Farmers should have all options available to them.

This line would also disturb the wildlife habitat in the area which is very important to us.

Sincerely,
Michael Frost

From: eera.admin_no_reply@state.mn.us
To: [Davis, Richard \(COMM\)](#)
Subject: Public Comment re: Mankato to Mississippi River Transmission Project
Date: Thursday, August 1, 2024 11:56:17 AM

Mankato to Mississippi River Transmission Project

Submitter Name: Daniel Garman

Submitter Email: engineman13@gmail.com

Submitter Telephone: (507) 571-0150

Comment:

Is this really necessary? Does the power company define this as a want or a need? The power company should be required to provide a list of reports for accidents, safety issues, livestock interferences and the like, of the current powerline routing. How the route "1 South" would drastically decrease these numbers, and the description of how. If these numbers are not obtainable in such detail, a general label that identifies that nature of the accident (i.e. construction, electrocution, stray voltage, etc.) Second, the route "1 South" is going directly over a house that is not on the satellite imagery. The route "1 South" goes across the road just to the west of the current residence which is where the new house is, and would put a power pole in the property owners living room. Block T109 R22 of Rice County, 260TH St, Morristown. Power companies are energy conscious, but not resource conscious? Route "1 North" eliminates the need to obtain approval for construction in a new area, mitigates the risk of lawsuit, and consolidates the power transmission to a location that already exists. Route "1 North" provides a better environment for the farmers, as the current 2 pole system is a real hassle to work around and causes a lot of problems. Upgrading the existing route to achieve this demand, that is if the need realistic in accordance with the companies wants as compared to the current utilities in place, would be less of a mess for consumers in the area, less legal fees, easier for farmers, and overall a more effective use of resources, saving the company money.

Submit Date: 08/01/2024 04:56 PM

From: eera.admin_no_reply@state.mn.us
To: [Davis, Richard \(COMM\)](#)
Subject: Public Comment re: Mankato to Mississippi River Transmission Project
Date: Thursday, August 1, 2024 4:20:45 PM

Mankato to Mississippi River Transmission Project

Submitter Name: Hannah Garman

Submitter Email: the.lemonade.chick@gmail.com

Submitter Telephone: (507) 330-5613

Comment:

To whom it may concern: I am commenting on the following dockets: Routing TL-23-157 and CoN CN-22-532. I am opposed to the (1 South) alternate Route that is proposed to go down 260th street in morristown township. After visiting with our friends and neighbors it was brought to my attention that no one living at any of the residences along 260th street were notified about the transmission line. Furthermore, there is confusion as to where the secondary line would go, is it proposed to go a mile farther south on the waseca/steele/rice county lines, or is it proposed for 260th street? I believe that community members need much more detailed information about this project BEFORE anything is decided. I am also opposed to the southern line because I believe it is a waste of time and resources creating a new line instead of utilizing an already existing line (1 North) where easements would only need to be updated and poles would need to be changed out. The environment near the (1 North) route is already suited to powerlines, where the proposed southern route would cause a lot of environmental changes as well as negative human impacts. I am opposed to the south line proposal because said proposed route would go right through several existing homes, building sites and farm places. I live just a half-mile south of the proposed (1 South) transmission line. Our neighbors to the north have just built a new home where the proposed line would cross over and if the line is pushed south it would cross right into our farm and other neighbors' farms. In addition, there is a buried gas line that goes across our property lines and I am concerned that the construction of these lines would interfere with gas lines. If the (1 North) route was utilized, there would not be this issue. No one will build or plan to build under already existing power lines. In my opinion, it makes most sense to update the (1 North) transmission lines, economically, environmentally, and ethically for the people living in the area. I also want to question the NEED of this line, as local citizens, we have not been given the information as to whether or not this is absolutely needed or if it is simply a desire. Thank you for your time, Sincerely, Hannah Garman

Submit Date: 08/01/2024 09:20 PM

From: [Graner Family](#)
To: [Davis, Richard \(COMM\)](#)
Subject: Fwd: 22-532/23-157 scoping comment
Date: Tuesday, July 9, 2024 8:14:34 PM

You don't often get email from granerfamily@gmail.com. [Learn why this is important](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Richard,
My apologies for the second email. I made a mistake in my email below. There are a total of 6 homes (mine and 5 others) immediately west of highway 52 in this area.
Kevin

From: Graner Family <granerfamily@gmail.com>
Date: July 9, 2024 at 7:55:29 PM CDT
To: richard.davis@state.mn.us
Subject: 22-532/23-157 scoping comment

Greetings Richard,
I tried submitting an on line form, but it does not appear that the form is being sent/saved; therefore, I am sending my comments to you via this email. These comments concern docket number 22-532/23-157. A portion of one of the proposed routes for the 161kv line from the North Rochester Substation to an existing transmission line northeast of Rochester runs along highway 52. This comment pertains to the area along highway 52 between 100th ST NW and 85th ST NW. My home is situated approximately 150 feet north of 90TH ST and 200 feet west of highway 52 right of way. A new transmission line in close proximity to my home will definitely decrease the esthetic appeal and property value. The current proposed route is located on the east side of highway 52 between 100TH ST and 90TH ST, then crosses to the west side of highway 52 just south of 90TH ST. If this route is chosen instead of the alternative route that does not follow highway 52, I request that the current configuration be maintained with the line on the east side of highway 52 from 100TH ST to just south of 90TH ST. Not only does it minimize the negative impact to my property, but it also minimizes the negative impact to 4 other homes immediately west of highway 52 in this area. I feel the alternate route for this 161kv line that does not follow highway 52 is preferable as it will not negatively impact all the homes along highway 52. Please feel free to contact me if you have any questions concerning my comments.
Thank you for your consideration,
Kevin

From: [Erin Guentzel](#)
To: [Davis, Richard \(COMM\)](#)
Subject: Mankato-Mississippi River 345 kV TL Project comments
Date: Wednesday, July 31, 2024 6:33:47 PM

You don't often get email from ejguentzel@gmail.com. [Learn why this is important](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Hello Richard,

My name is Erin Guentzel and I live near the intersection of 224th Lane and CR 27 in rural Madison Lake. I spoke during the meeting on Monday, July 8th at the County Inn and Suites in Mankato.

Environmental impact

The proposed Mankato-Mississippi River 345 kV TL Project will absolutely have an effect in the current proposed location along the Sakatah Singing Hills Trail between CR 86 and CR 27, a path that also goes through a body of water (Eagle Lake North/Eagle Lake South) that is full of vegetation, wildlife, etc.

- Eagle Lake South is a Designated Wildlife Lake (one of only 70 in the state) that already has power line poles (wooden, base not visible most of the time) that run along the border of the trail on this side of the lake. Some of these poles hold bird/bat houses and there is vegetation that grows around the base. While they're not pretty, they're fairly simple in the eyesore category (Photo attached)
- By "upgrading" these lines, how will the construction avoid destroying not only the trail (the only access to that area and it's NOT a road) but also the habitats along the trail side into the lake?
- In the last 10-15 years, we have seen the tree population along this trail decrease significantly. Some were lost because of storms/age, but we have seen the extensive trimming and removal of trees that interfere with the current power lines. (Photo attached) How many more will be lost to strengthen a grid for supposed growth?

Human impact

As I stated, we live at the intersection of 224th Lane and County Road 27 in rural Madison Lake. 224th Lane runs parallel to the Sakatah Singing Hills Trail. Our intersection is also home to a substation - once fairly unassuming, but in the 20 years we have lived here there has been upgrades to the substation with bigger poles (including an ugly rust colored one) and shinier fences (Photo attached). As you drive north on CR27 from Highway 14, you'll see 2 solar arrays to the left and to the right. ¼ mile later is the substation. It's a lot of electrical infrastructure in a short amount of distance. To add even more, large standing structures

down CR27 (and just to the east of us) is too much. (Photo of the area attached)

While we don't subscribe to the idea that electricity is going to fry our brains, we have seen what happens when something at the substation shorts out or there is an issue. A loud POP, flash, no power and some small flames at the site on the affected pole. It's also not a site we expected to see when we built our home 20 years ago. We weren't given the opportunity to speak about the growth of the substation or the unsightly additions that haven't appeared since we built. Due to an ordinance that wasn't clear, we've had not one, but TWO solar arrays built in our neighborhood because at that time there wasn't a set distance for how close they could be. We support solar, but we also support rural living and not being completely surrounded by metal and wires.

As a runner I regularly use the Sakatah Trail and watching the loss of trees has been disheartening. There is less significantly less shade since any trees that are left are all on the north side of the trail. Pretty soon there won't be any shade at all.

Alternative route

It's been said that the original northbound route along CR 26 isn't feasible because of the airspace with the local airport. Yet, there are large lines going north on CR12 towards the airport, even crossing over to the airport side just after the CR 26 intersection and proceeding just south of the airport. (Photo attached) There are also lines currently going through that same area south of the airport only with shortened poles and an obvious gap near the runway.

- Why is this not an option when there are already lines of this size in the area?
- While an airport is necessary, so is protecting wildlife, wetlands, protected bodies of water, etc. in a world where overzealous growth creates damage that isn't noticed until it's too late. I'm sure when this route was planned the environmental history of this area weren't well known to someone who may not live here.

Necessity

Is it necessary? While the City of Eagle Lake's Land Use Plan calls for "Light industrial" north of Hwy 14, their Shoreland Ordinance actually forbids it. 80 acres of land annexed into the City of Eagle Lake 4 years ago is currently in the process of being detached and returned to the township. This piece is the most northern part of the annexed area, and with the detachment, surrounding landowners, and an ongoing study of the Hwy 14 corridor between CR 12 and Hwy 60, most development would likely happen SOUTH of Hwy 14.

Thank you for your time and the opportunity to submit areas of concern with this proposed project. I sincerely hope that another route can be determined as seeing more destruction to

the lake, habitats, trees, etc. along the Sakatah Trail would be frustrating, especially if it's only for speculated growth and necessity.

Erin J Guentzel

60374 224th Lane

Madison Lake, MN 56063

507-382-6061





Looking westbound towards Mankato from CR 27



Current view from our yard

Eagle Lake

Substation

Our home

Sakatah singing hills state Trail parking

Sakatah Singing Hills Trail
Proposed line

Eagle Lake Rest Area

Solar

Solar

Additional solar structures

Designated Wildlife Lake

County Road 27



County Road 12

Airport behind the trees

Energy Environmental Review and Analysis
Department of Commerce
25 7th Place East, Suite 280
Saint Paul, MN 55101-2198

Atlix
Necessary
Postage

RICHARD DAVIS
DEPARTMENT OF COMMERCE
85 7TH PLACE EAST STE 280
SAINT PAUL MN 55101-2198

RECEIVED

JUL 31 2024

MAILROOM

Comment Period Closes Thursday, August 1, 2024, at 4:30 p.m.
Comments must be post-marked or received electronically by the comment deadline.

How to comment:

- Mail comments to the address on this form
- Use the online comment form: <https://apps.commerce.state.mn.us/web/project/15507>
- Email comments to the Environmental Review Manager: richard.davis@state.mn.us

Comments do not need to be on this form. We encourage you to provide comments in whatever way is most convenient for you. Please include: "Docket Number 22-532/23-157" in all communications. If commenting by email please include "22-532/23-157 Scoping Comment" in the subject line.

THANK YOU for participating in the permitting process! By commenting you are helping inform the Public Utilities Commission's decision regarding this project.

Environmental Impact Statement Scoping Comment Period
Mankato to Mississippi River Transmission Project
Docket Nos. CN-22-532/TL-23-157

Xcel Energy is proposing to construct and operate approximately 130 miles of new 345 kV transmission line from the existing Wilmarth Substation in Mankato to a point near the existing West Faribault Substation (Segment 1 – approximately 48 to 54 miles long), from a point near the existing West Faribault Substation to the existing North Rochester Substation near Pine Island (Segment 2 – approximately 34 to 42 miles long), and from the existing North Rochester Substation near Pine Island to the Mississippi River near Kellogg, Minnesota (Segment 3 – approximately 43 miles long). Segment 3 will be the construction of a 345 kV transmission line in place of an existing 161 kV transmission line, this will create a double circuited 345 kV line. Segment 3 consists of one proposed route, as this segment was permitted by the Commission as part of the CapX2020 Hampton – La Crosse Project. The Project also proposes an approximately 20 miles of new 161 kV transmission line from the existing North Rochester Substation southeast to a connection point with the existing 161 kV Chester transmission line (Segment 4).

For additional project information visit: <https://apps.commerce.state.mn.us/web/project/15507> or contact the Environmental Review Manager at: richard.davis@state.mn.us; 651-539-1846; or toll free 1-800-657-3794.

Please provide your contact information. This information and your comments will be publicly available.

Name: MARK GARDNER Phone: 507-784-6557

Street Address: 48844 Goodhue Ave

City: Wagoner State: IA ZIP: 52593

Email: gardnerm@texas.com

Share your comments on the Mankato to Mississippi River Transmission Project. Please be as specific as possible.

- Are there other ways to meet the stated need for the project, for example, a different size project or a different type of facility?
- What potential human and environmental impacts of the proposed project should be considered in the EIS?
- Are there any methods to minimize, mitigate, or avoid potential impacts of the proposed project that should be considered in the EIS?
- Are there any alternative routes or route segments that should be considered in the EIS to address or mitigate potential impacts associated with the proposed project?
- Are there any unique characteristics of the proposed project area that should be considered in the EIS?

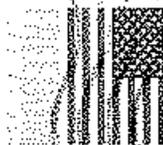
On the way to the project area, I noticed a large area of wetlands that should be considered in the EIS. The project area is located in a wetland area and should be considered in the EIS. I am providing this information to you for your consideration.



Mr. Mark Guthrie
18504 Goodhue Ave
Kenyon, MN 55948

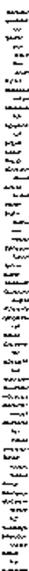
SAINT PAUL MN 550

29 JUL 2024 PM 4 L



Richard Davis
Department of Commerce
45 7th Floor East St. 210
Saint Paul, MN 55101-2100

55101-2100



From: [Shawna Hanson](#)
To: [Davis, Richard \(COMM\)](#)
Subject: Environmental Impact Statement for Segment 4 of XCEL Energy Transmission Proposal
Date: Sunday, July 28, 2024 11:02:47 AM
Attachments: [Transmission Line Proposal.pdf](#)

You don't often get email from smhanson17@gmail.com. [Learn why this is important](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

My name is Shawna Hanson. I live at 7508 Safar Court, NW, Rochester, MN. This is my impact statement with regard to segment 4 of the proposed transmission line plan.

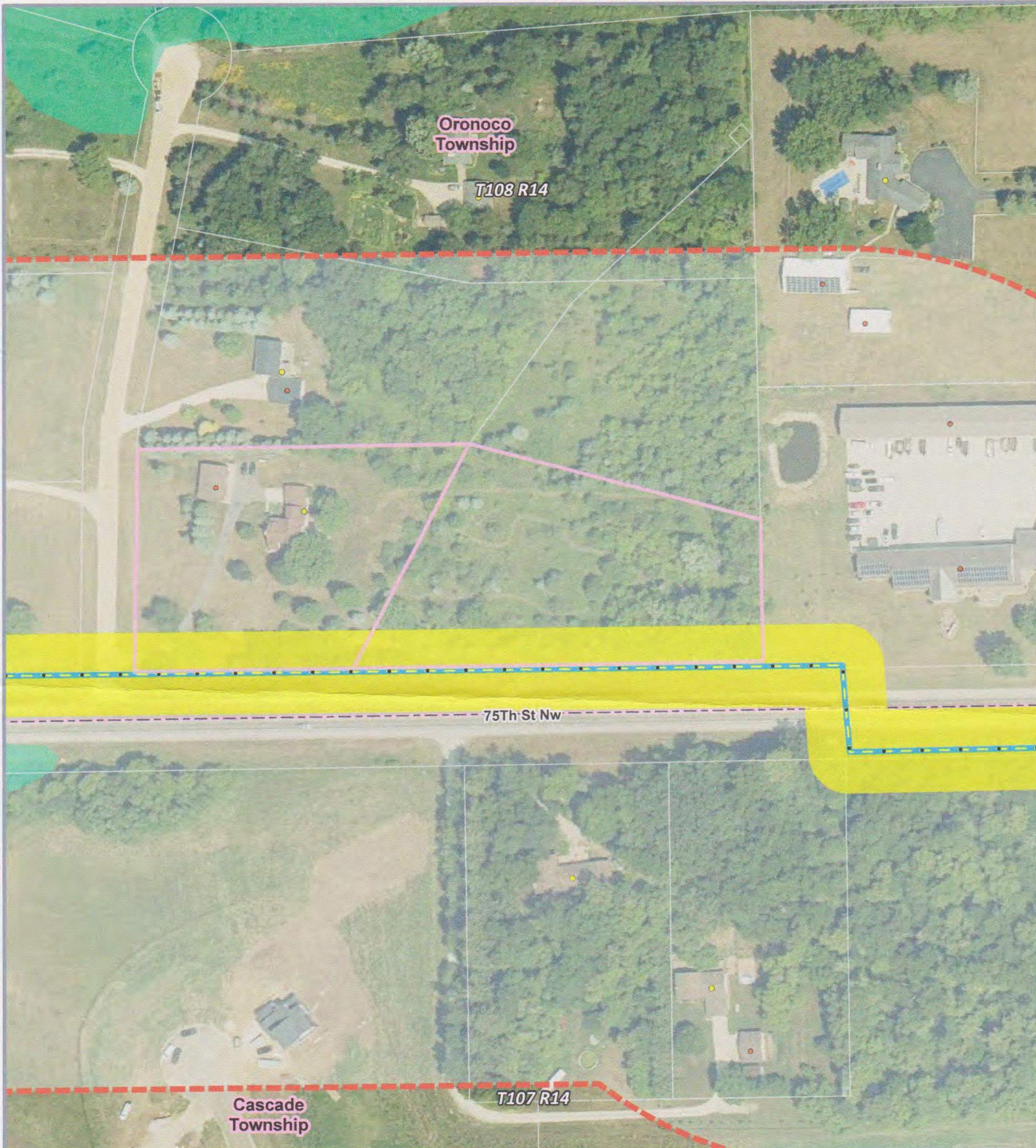
1) I have lived in my location for over 10 years now. Moving here after my previous property South of Pine Island was taken for road development (125th Street). My current property runs parallel to 75th Street. I currently have a Dairyland power line running in the ditch along my property. I have a very unique property consisting of a 1923 Tudor style home that was relocated to this acreage site from the Historic Pill Hill area of Rochester (area behind Saint Marys Hospital) in the 1980s. I have a well-established tree line that both camouflages this power line as well as buffers my property from the extremely busy and loud 75th Street traffic. This tree line has taken many years to develop and, if taken down, will probably not be able to be replaced as a well-established tree line again during my lifetime. This most likely will cause a detrimental depreciation to my property's value. However, as worst case scenario, if you do decide to use this route, I would request that you please consider constructing your transmission line on the opposite (South side) of 75th Street since there is no consistent or well-groomed tree lines on that side of the highway. It current Dairyland powerline runs on the South side of 75th Street at the East side of my property anyways. Not sure why the existing power line was crossed over 75th Street just to the East of my property for such a short ways to the West of my property where it then heads to the North at 18th Avenue.

2) Secondly, 75th Street is an extremely busy two-lane highway being used to deter Highway 63 traffic around Rochester. Again, this is only a two-lane highway with a very small shoulder space service a large volume of traffic. Due to high rates of accidents at the 18th Avenue intersection with 75th Street (just to the West of my property), MNDot is planning to construct a roundabout at that intersection next summer. I would recommend that you carefully consider the logistics of attempting to construct and maintain this transmission line along a very busy two-lane highway with very little shoulder space.

3) To both the North and South of my residence is a significant amount of high-end development happening. Hence, the need for the roundabout at the 18th Avenue intersection to accommodate even more anticipated traffic burden on and across the highway. Please consider the significant destruction of aesthetic you are causing to our beautiful properties in this area with an ugly transmission line running through.

Please consider the points that I have thoughtfully presented to you above as a lifelong inhabitant of the Rochester/Oronoco/Pine Island area.

This map is a general graphic and may not show exact locations.



Legend

- | | | | |
|-----------------------------|----------------------------|-------------------|---|
| Project Study Area Boundary | Proposed Route Option | Structure | Parcel |
| Proposed Route | 4 East | Residence | Undelineated National Wetland Inventory |
| Proposed Right-of-Way | Existing Transmission Line | Not a residence | Parcel Query |
| | 69 kV | Township Boundary | |



0



From: eera.admin_no_reply@state.mn.us
To: [Davis, Richard \(COMM\)](#)
Subject: Public Comment re: Mankato to Mississippi River Transmission Project
Date: Sunday, July 28, 2024 10:56:56 AM

Mankato to Mississippi River Transmission Project

Submitter Name: Shawna Hanson

Submitter Email: smhanson17@gmail.com

Submitter Telephone: (507) 358-4815

Comment:

My name is Shawna Hanson. I live at 7508 Safar Court, NW, Rochester, MN. This is my impact statement with regard to segment 4 of the proposed transmission line plan. 1) I have lived in my location for over 10 years now. Moving here after my previous property South of Pine Island was taken for road development (125th Street). My current property runs parallel to 75th Street. I currently have a Dairyland power line running in the ditch along my property. I have a very unique property consisting of a 1923 Tudor style home that was relocated to this acreage site from the Historic Pill Hill area of Rochester (area behind Saint Marys Hospital) in the 1980s. I have a well-established tree line that both camouflages this power line as well as buffers my property from the extremely busy and loud 75th Street traffic. This tree line has taken many years to develop and, if taken down, will probably not be able to be replaced as a well-established tree line again during my lifetime. This most likely will cause a detrimental depreciation to my property's value. However, as worst case scenario, if you do decide to use this route, I would request that you please consider constructing your transmission line on the opposite (South side) of 75th Street since there is no consistent or well-groomed tree lines on that side of the highway. It current Dairyland powerline runs on the South side of 75th Street at the East side of my property anyways. Not sure why the existing power line was crossed over 75th Street just to the East of my property for such a short way to the West of my property where it then heads to the North at 18th Avenue. 2) Secondly, 75th Street is an extremely busy two-lane highway being used to deter Highway 63 traffic around Rochester. Again, this is only a two-lane highway with a very small shoulder space service a large volume of traffic. Due to high rates of accidents at the 18th Avenue intersection with 75th Street (just to the West of my property), MNDot is planning to construct a roundabout at that intersection next summer. I would recommend that you carefully consider the logistics of attempting to construct and maintain this transmission line along a very busy two-lane highway with very little shoulder space. 3) To both the North and South of my residence is a significant amount of high-end development happening. Hence, the need for the roundabout at the 18th Avenue intersection to accommodate even more anticipated traffic burden on and across the highway. Please consider the significant destruction of aesthetic you are causing to our beautiful properties in this area with an ugly transmission line running through. Please consider the points that I have thoughtfully presented to you above as a lifelong inhabitant of the Rochester/Oronoco/Pine Island area.

Submit Date: 07/28/2024 03:56 PM

From: eera.admin_no_reply@state.mn.us
To: [Davis, Richard \(COMM\)](#)
Subject: Public Comment re: Mankato to Mississippi River Transmission Project
Date: Wednesday, July 24, 2024 9:23:52 PM

Mankato to Mississippi River Transmission Project

Submitter Name: Samuel Matzek

Submitter Email: samuel.matzek@gmail.com

Submitter Telephone:

Comment:

When looking at the route comparison tables in Appendix L of the application (https://mmrtproject.com/documents/filing/MMRT_CombinedApplication_AppendixL_Apr2024.pdf) you can see that Segment 4 West option has more environmental impacts than Segment 4 East: 1. The west route has 1.8x the number of right-of-way acres required. The right-of-way acres consume an additional 110 acres of prime farmland and 2.3x the number of acres listed as "Farmland of State Importance". Given the importance of our food production supply this difference in the east and west options should not be overlooked. 2. The segment 4 west route has 45.78 acres of deciduous forest in the right-of-way whereas the east route has only 5.65. The west route will thus impact more of our forest lands and clearing the right-of-ways in the forest lands will add to the project cost and on-going maintenance of the lines. 3. The segment 4 west route has 1.9x number of wetland acres in the right-of-way than the segment 4 east route. Protecting the wetlands from the pollution caused by construction and preserving them for general water quality should be a priority. 4. The segment 4 west route is listed as having 4 "MNDNR Native Plant Communities Within Right-of-Way" and the east route has 0. For these environmental reasons I believe that the segment 4 east route should be chosen over the segment 4 west route. If for some reason the segment 4 west route must be chosen over segment 3 then I feel that the "4 West A" option along the existing 161kV line is the better than the "regular" 4 West option. This is because it will make use of existing easements and right-of-way and should be able to make use of either existing poles or existing pole locations. The use of existing easements, right-of-way, and likely reuse of poles and pole foundations should result in a lower project cost.

Submit Date: 07/25/2024 02:22 AM

From: era.admin_no_reply@state.mn.us
To: [Davis, Richard \(COMM\)](#)
Subject: Public Comment re: Mankato to Mississippi River Transmission Project
Date: Thursday, August 1, 2024 3:28:48 PM

Mankato to Mississippi River Transmission Project

Submitter Name: Ryan Culhane

Submitter Email:

Submitter Telephone: (507) 685-2587

Comment:

I would greatly appreciate it if there was a little better thought as to whether or not this project was needed. I cannot understand why it needs to happen and in my neighborhood! The line could stay on the current route, a new route does not seem logical - keep it where it is! Have you considered the impact this could have on the farms, wildlife, livestock that are in these areas? How about the families and young children that could be affected by this? Also, what about the fact that we do not want to look at these things outside of our windows! It could be helpful to find a new route or keep it where it is!

Submit Date: 08/01/2024 08:28 PM

From: eera.admin_no_reply@state.mn.us
To: [Davis, Richard \(COMM\)](#)
Subject: Public Comment re: Mankato to Mississippi River Transmission Project
Date: Thursday, August 1, 2024 3:23:34 PM

Mankato to Mississippi River Transmission Project

Submitter Name: Stephanie Culhane

Submitter Email: mywellhouse@gmail.com

Submitter Telephone: (507) 685-2587

Comment:

It is my understanding that this project is to be routed through the area that I and my family live (260th St Morristown). I am curious if this really needs to be routed through my area. Why can't it stay on the same route it currently is on? Are there other options for routes? Is this really needed?! It is my understanding that there are other proposed projects already! What are the potential impacts to humans, animals, and the environment?!? We have livestock and other animals in this area. But again, the impact this could have on the humans that live here as well! There are also farmers who have land, creeks...all of these things could be greatly impacted by this project. Not to mention the esthetics! There is a reason many of us live out here! To get AWAY from these types of things. Please think long and hard if this project is truly needed!

Submit Date: 08/01/2024 08:23 PM

From: [anorthwoods](mailto:anorthwoods@gmail.com)
To: [Davis, Richard \(COMM\)](#)
Subject: Comments - Docket # E002/CN-22-532, E002/TL-23-157
Date: Thursday, August 1, 2024 4:28:15 PM

You don't often get email from anorthwoods@gmail.com. [Learn why this is important](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

I tried to submit these comments online, but not sure it submitted correctly.

Names: Steven & Patricia Eckdahl, Jonathan & Betsy Eckdahl
Phone Number: 507-202-7138
Email Address: anorthwoods@gmail.com

We represent two homesteads on one family farm, 8018 75th Ave NW & 8030 75th Ave NW, Oronoco. The proposed Segment 4 West route travels along the entire south property line of our apple orchard, from 75th Ave NW east to the approximate intersection with the DNR Douglas Trail. Our concerns about this proposed route include the following:

1. Most importantly is the safety of our family. There are three children (ages 9, 7 & 4) living in the home designated on maps as a "structure within the proposed route." This home, built in 2017, is less than 150 feet from the south property line which, to our understanding, is the centerline for the power line. We've read the studies claiming there is no risk to child health, but do not believe we should be forced to subject our precious children to such unknowns. Just the loss of the tree line as a buffer to this home will be detrimental long-term for habitability, safety (specifically, snow and chemical drift) and resale value.
2. Shortly after we purchased the property in 1986, we began planting vegetation, specifically on that south property line, to buffer the farm from outside influences as we planned and prepared for our orchard. The entire property line has been planted with a variety of deciduous and coniferous trees, which serve as both a windbreak from the damaging winter winds and as a barrier to potential chemical drift from the commercial farming operation to our south. These well-intentioned plantings have been crucial to the health of our apple trees and the crop we harvest from them annually. Removing that tree line will compromise our ability to control food safety and harvesting practices.
3. We open our farm to the public annually during the Fall season of September and October. Of the thousands of guests we have during those months, rarely a day goes by that we do not hear, "What a lovely property:" "a gem in the countryside;" or "it's so peaceful here." We sincerely believe that a big power line through the property will be a long-term distractant for our guests.
4. We believe a temporary easement is not sufficient for the long-term damage this will do to our family-run business, perhaps even threatening the viability of continued operations. We anticipate losing at least 60 mature fruit-bearing trees, and potentially 50+ newly-producing trees of two of the University of Minnesota's most promising new varieties. This is just the initial loss, and does not include any future tree death due to chemical drift and loss of windbreak.

We respectfully request that you reconsider the potential alignment of Segment 4 West.

Thank you.

--

Steve & Patty Eckdahl

Northwoods Orchard

www.northwoodsorchard.com

From: [Eckel Passow, Jeanette E., Ph.D.](#)
To: [Davis, Richard \(COMM\)](#)
Cc: [Eckel Passow, Jeanette E., Ph.D.](#)
Subject: Mankato-Mississippi River 345 kV Transmission Line Project in SE MN
Date: Tuesday, July 16, 2024 7:32:19 PM

You don't often get email from eckelpassow.jeanette@mayo.edu. [Learn why this is important](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Dear Richard,

I am writing in regards to the Mankato-Mississippi River 345 kV Transmission Line Project in SE MN. My husband and I attended the meeting in Pine Island on July 9 and we live in the area.

I have two primary concerns regarding the new transmission line.

First, it is unclear that building new lines on new routes versus updating existing infrastructure is best for the environment or the people who live and work in the communities. While a new route might be cheaper in the short term, the long term cost and detriment to our environment and community must be considered. Infrastructure will need to be updated at some point in the near future; thus, why not consider updating infrastructure now to meet the current needs? Based on the presentation, it appears that urgency and short term cost have been the deciding factor for the current proposal versus truly evaluating what is best for the environment and the local communities.

Second, the community that we live in is a farming community. Specifically, it mainly consists of crop farms. The crop farms in our area are increasingly using helicopters to spray the fields; I see this routinely for most of the fields around our property. Thus, not only will adding new routes significantly increase the risk for these helicopter pilots, but it will also impact their businesses if they are no longer to spray fields due to the increased risk and the associated increased insurance costs. Likewise, this will have downstream effect on the farmers.

I really hope that we can do better than simply proposing new lines as the benefits do not outweigh the risks. Excel needs to go back, collaborate with their energy partners, and do better. Let's force them to work together and decide how to update current infrastructure. At a minimum, such a proposal should have been presented, which it was not.

Sincerely,
Jeanette Eckel-Passow
48689 150th Ave
Pine Island, MN 55963
507-313-8017

From: [Corey Schwartz](#)
To: [Davis, Richard \(COMM\)](#)
Subject: 22-532/23-157 Scoping Comment
Date: Wednesday, July 31, 2024 1:58:49 PM
Attachments: [image.png](#)
[image.png](#)

You don't often get email from c_schwartz@hotmail.com. [Learn why this is important](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Hi Richard,

I am from Waterville and have concerns about segment 1 along the southern route option. It runs along the southern border of our property in Le Sueur County and right through the middle of 3 of our parcels in Rice County. Specifically in Rice County, it runs through a wetland and woods that I own with my 2 brothers and uncle. I highlighted in yellow and circled it in blue where the transmission line would be. This area is home to a lot of wildlife. The red circles are where sandhill cranes nest every spring and the green circles are known nesting areas for great horned owls. We would hate to see their habitat affected by this new line. It would also run right along Waterville Creek which is one of the DNR's protected streams and rivers. We hunt this area every year and a line running through the middle of it affects the habitat for many species of animals and greatly affects the enjoyment of the land we have known for many years.

In Le Sueur county it would run on the southern border of 3 more of our parcels. (highlighted and circled in blue). This route would affect potential building sites on these 3 parcels and drastically limits you as to where you could build with a large transmission line like this on these parcels. We already have a cell phone tower on the northern edge of parcel number 14.025.7600 (circled in green). Also, there is already an existing transmission line that runs along Hwy 60 on the northern edges of these 3 parcels (highlighted and circled in blue). I would like to build a house out here someday but with this new potential line coming through I don't know that there is a feasible way to do so. Our options are already limited with the existing transmission line to the north and the cell phone tower as well.

I would suggest using the proposed north route instead of the south route. There is already an existing transmission line there and I believe that route would be less impactful to the environment and the people along it.

I only ask that you consider all of these things when making a decision. This farm has been in the family for generations and we would like to preserve it as best as we can. I really appreciate your time and effort in all of this. Please reach out to me with any questions you may have or if you would like more information. Below are the maps I was referring to. Could you please let me know that you got this message if it's not too much trouble?

Thank you,

Corey Schwartz

Rice County Map:

From: eera.admin_no_reply@state.mn.us
To: [Davis, Richard \(COMM\)](#)
Subject: Public Comment re: Mankato to Mississippi River Transmission Project
Date: Thursday, July 25, 2024 8:36:39 PM
Attachments: [Xcel reroute option - From Ed Westad.docx](#)

Mankato to Mississippi River Transmission Project

Submitter Name: Edward Westad

Submitter Email: edward.westad@icloud.com

Submitter Telephone: (651) 328-1220

Comment:

My comments, impact statement, and route alternatives are all included in the attached document. Thanks for the opportunity to be heard! Edward & Jody Westad 23760 Appleton Avenue Faribault, MN 55021

Submit Date: 07/26/2024 01:35 AM

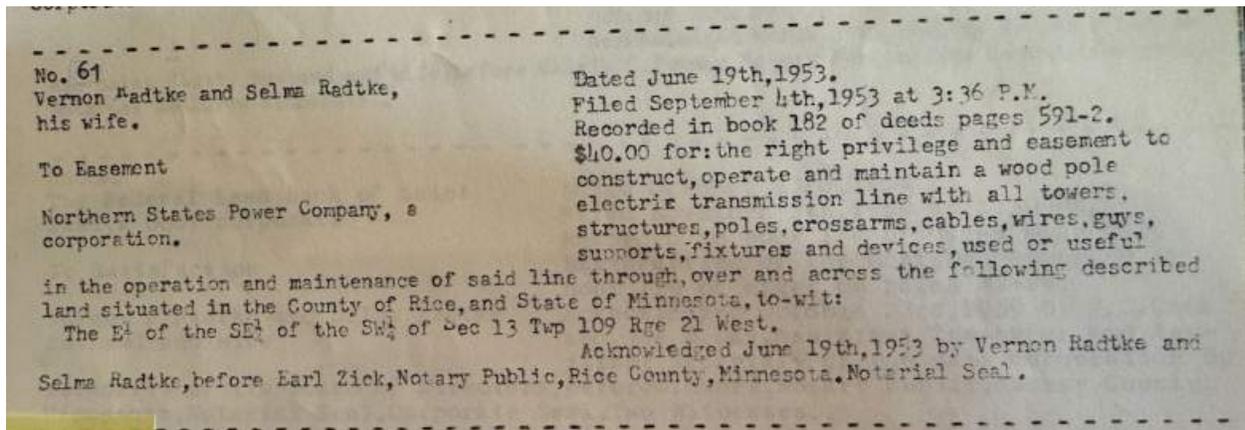
Introduction:

My name is Ed Westad. I live in Rice County, south of Faribault, along the eastern edge of the Xcel planned route 1 South in Segment 1 (shown in orange in the routing plan that was shared).

This is my attempt to provide a detailed explanation of the impact of the currently proposed route as well as providing an alternative route for the project team to consider. My comments pertain to the far eastern edge of Segment 1, as it transitions into the **West Faribault Substation** and then onto Segment 2.

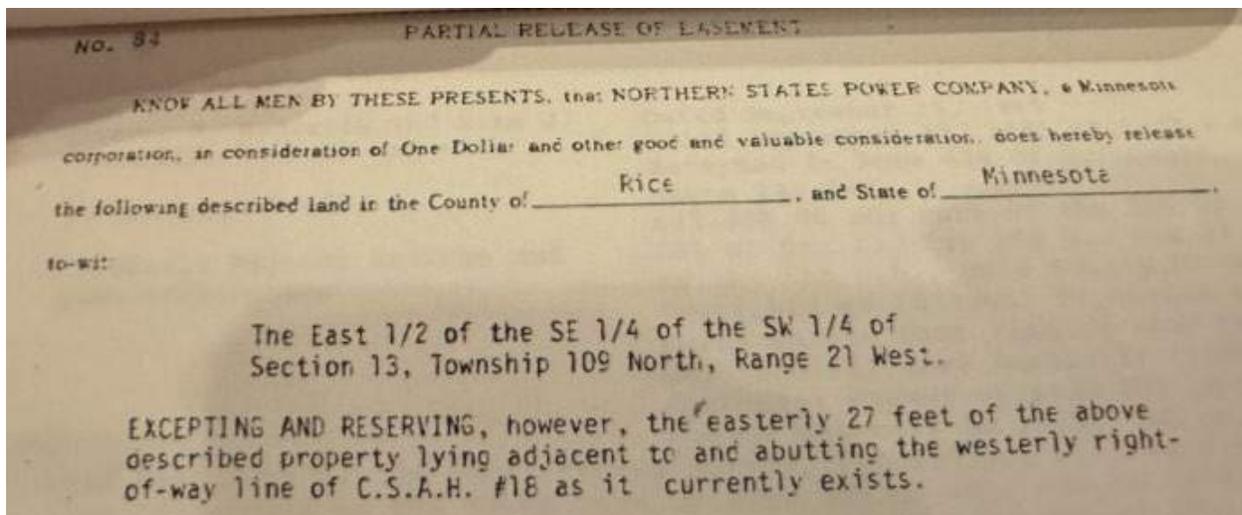
Description of Impact:

The primary impact I want to highlight is along route 1 South, specifically the 2-mile stretch of Appleton Avenue, between 230th Street and 250th Street in Rice County, south of Faribault. In that short portion of the segment, there are five addresses (four houses), detailed later in this document, and depicted on Figure 1. Most of the addresses in my illustration represent homes that were built prior to the **Northern States Power Company** easements being granted in June of 1953. The following excerpt is from the abstract for my property, and is likely representative of most properties along this portion of the route.



Worth noting is that the easement was established after the houses were built. The easement prescribes a "...wood pole electric transmission line..." running adjacent to the road, all in exchange for \$40.00.

As time progresses, that easement appears to have been partially released in October 1985.



This amendment appears to now specify a ROW distance of 27' adjacent to the ROW for C.S.A.H. #18.

I've cited these examples to illustrate the history and changes over time and also to highlight the contrast between no distance ROW in 1953, or an additional 27' ROW in 1985, the sum of which is significantly less than the newly asked for 150' ROW. To further illustrate the contrast between the past easement ROW and the proposed new one, the "...wood pole..." structure currently specified and permitted would be taken out, and presumably upgraded to metal poses. While metal poles are probably a good idea from an engineering and safety standpoint, they're not in accord with what the current easement establishes, that defining the structures being 'wood'.

While I want to believe that the existing easements were fully disclosed and discussed at the time they were signed, the end result is a set of restrictions that are fairly presumptive and short-sighted. One of the more onerous limitations pertains to Rice County building permits, as each attempt to define a set-back from the centerline of the road, which may or may not include the centerline of the utility line. This means we need to obtain a variance for any construction, even in the 'back' of our house, because the entire structure is now deemed "too close to the road / ROW".

Worth noting is that the history of the property deed reaches back to 1861, with a dwelling structure dating back to approximately 1910, these incumbent uses and structures significantly predate the ROW that came into being a mere 71 years ago. Given the passage of time we've had to do a fair amount of bureaucratic paperwork simply to get permits to maintain our home even though the structure is no closer to the road, or to the power lines, than it's ever been.

Given this history and background, and then adding in the new ROW being request, this puts the entire viability of our home into question. (I'm using the 150' ROW distance as that

is what was presented in the Xcel materials distributed during the public hearings). While I understand why the change is necessary, the ROW guidelines are unmanageable for us, due to the entire home being inside that ROW or setback zone. This likely poses an increased risk to people and structures while at the same time diminishing resale value of our homes and properties along Appleton Avenue.

Alternative being proposed:

My proposed alternative shown in Figure 2. It illustrates a pair of options, both accomplishing the same objective but with slight variations. Given that a major connection point is the **West Faribault Substation**, my alternative(s) aim to get to that location, more directly and with significantly less impact on existing residential structures. Referring to my illustration below, I will highlight the features and nuances of this pair of options.

- **Westad-1a** – this route picks up the current line on Appleton Avenue (1 South, shown in orange) but then would utilize the existing East / West line that goes over to the East side of I-35, at which point I propose that Xcel could
- **Westad-1b** – This is fairly similar to **Westad-1a** with the notable exception that it would continue the East / West part of route 1 South (again shown in orange), and continue on a new path to the East side of I-35, where it would similarly follow the I-35 & Railroad ROW's going North, ultimately meeting the existing line shown in lavender (labeled 2 South). The number of homes impacted by this would be one, as there is a newer home with an address of 1010 250th Street. This seems like it could be viable, but could be less desirable due to the route being about one additional mile over what's proposed in **Westad-1a**

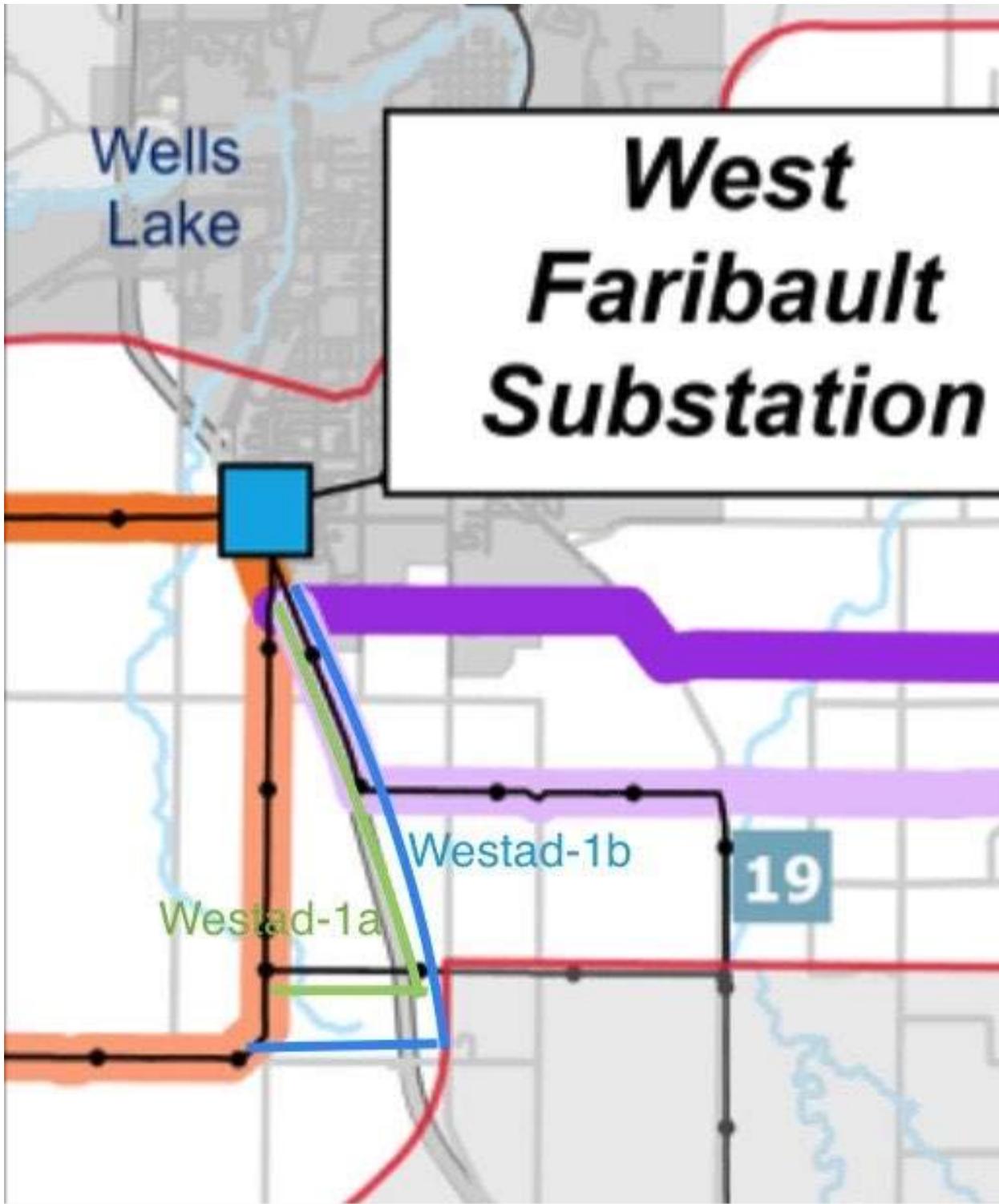


Figure 2 – Route Alternatives proposed by Ed Westad

Alternative Mitigates impact:

My proposed alternative mitigates impact because it moves the new line and associated ROW requirements away from existing homes and structures. I truly believe that **Westad-1a** is far less impactful due to it following established pathways and ROW's while avoiding homes and structures.

Worth noting, my proposed option **Westad-1a** follows a route that is largely already available to Xcel with the small portion 'new' being on a pathway or corridor that has no homes or structures and may have easily obtained easements due to existing railway and utility lines for the majority of that pathway.

Please consider this route proposal. Please enter my impact assessment into the public comment repository so that the appropriate agencies can review and render opinions.

Thanks for the opportunity to be heard!

Edward & Jody Westad
23760 Appleton Avenue
Faribault, MN 55021