

In The Matter Of:

*Amendment to Repower the 200 MW Pleasant Valley Large
Wind Energy Conversion System in Dodge and Mower Co's.*

Public Information Meeting - 09-1197

August 16, 2022

09-1197 Public Information Meeting - 8-16-22

Shaddix & Associates

7400 Lyndale Avenue South

Suite 190

Richfield, MN 55423

Page 1

1 AUGUST 16, 2022 - PUBLIC INFORMATION MEETING - 09-1197
2 BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION
3 AND DEPARTMENT OF COMMERCE
4
5
6 In the Matter of the Application for a Site Permit
7 Amendment to Repower the 200 MW Pleasant Valley Large
8 Wind Energy Conversion System in Dodge and Mower
9 Counties, Minnesota
10
11 PUC DOCKET NO. E-002/WS-09-1197
12
13
14
15 Holiday Inn Austin Conference Center
16 1701 Fourth Avenue Northwest
17 Austin, Minnesota
18
19
20 Met, pursuant to Notice, at 6:00 p.m. in
21 the evening on August 16, 2022.
22
23
24
25 COURT REPORTER: Bridget E. Kelly

Page 2

1	I N D E X	
2	SPEAKER	PAGE
3	Scott Ek	3
4	Matt Langan	7
5	Nathan Runke	15
6	Randy Swanson	16
7	Jim Hahn	21
8	Chris Hogg	22
9	Jim Hahn	23
10	Randy Swanson	24
11	Nate Reid	24
12	Randy Swanson	26
13	Kris Houg	29
14	Ron Masching	30
15	Rich Davis	32
16	Ron Masching	33
17	Nate Reid	39
18	Duwayne Skov	42
19	Lavonne Skov	42
20	Jim Hahn	46
21	Tom Zellmer	46
22	Jim Hahn	46
23	Randy Swanson	47
24		
25		

Page 3

1 **MR. SCOTT EK:** Hello. Thanks for coming
2 tonight. We're here for the Pleasant Valley Wind
3 repower project. Xcel Energy applied for a repower
4 of the existing Pleasant Valley Wind facility.
5 August 16th, 2022. My name is Scott Ek.
6 I'm an analyst with the Public Utilities Commission.
7 I suppose I can move this along. We have Rich Davis
8 with the Department of Commerce. They help us with
9 the technical and environmental-type work with
10 projects like this. And Matt Langan with Xcel
11 Energy. And I'll start out the beginning of the
12 presentation. Matt will pick up the details of the
13 project, and I'll just outlay the review process,
14 the Commission review process. Then we'll get to
15 questions and comments you may have at the end of
16 the presentation.
17 So as you know there's an existing
18 facility, the Pleasant Valley Wind. It was issued a
19 permit originally back in 2010. The permit was
20 amended a couple times, once in 2013, once in 2014.
21 But the facility's now been in operation since about
22 November of 2015, I believe. And so just this April
23 Xcel applied for, as I said, an amendment to the
24 site permit, and it's called -- I guess in the
25 industry we call it a repower, and we'll get to why

Page 4

1 it's called that.
2 But they're repowering the facility to
3 improve turbine technology, maximize the energy
4 yield, and extend the service life of this facility.
5 Matt will get more into this, but basically it
6 entails -- in the application Xcel's explained it.
7 It entails replacing the nacelle, which is the
8 blades and the mechanical structure on top of all
9 100 of the existing turbines. So none of the
10 turbines -- I shouldn't say that. Some of them -- I
11 believe it was 14 it's a complete replacement.
12 Others, they'll replace parts, you know, the blades
13 or inside the mechanical area on all the 100
14 existing turbines.
15 None of the turbine locations will move,
16 so everything that is there now and the foundations
17 will remain as it is. It's just replacing the
18 mechanical equipment on each of the turbine
19 locations. And the upgrade will result in a
20 production capacity increase to 220 megawatts;
21 however, the point of interconnection -- that's
22 where the facility interjects its power into the
23 grid -- still will remain at the 200 megawatts that
24 the facility was permitted for. But Matt will get
25 into much more detail than I have.

Page 5

1 So for projects like this it's -- as I
2 said it's really amending the existing permit to
3 reflect Xcel's proposal to do these upgrades. And
4 so the Commission, when it looks at this, you know,
5 we look at the large wind energy conversion systems,
6 and we make sure any changes are done that are
7 compatible with environmental preservation,
8 sustainable development, and the efficient use of
9 resources in a general sense.
10 Xcel has an application. There's a
11 review copy here. There's electronic copies on our
12 eDockets system. I'll have more information about
13 how to access that as we move on here. That, Xcel
14 goes through, you know, all the categories the
15 Commission must look at and gives us information on
16 potential impacts of the upgrade, measures they
17 would use to mitigate any of those impacts and
18 whatnot. And we consider those -- the Commission
19 considers those when it amends the permit.
20 So second, the Commission can amend a
21 site permit for a large wind energy conversion
22 system at any time for good cause. And in this case
23 it's a request to amend, and the Commission can
24 place conditions in a permit or modify, in this
25 case, a permit that's already out there.

Page 6

1 So this is -- you know, this process,
2 this is really the -- tonight's probably the most
3 important part of the process, is to come out into
4 the community, answer questions, and provide
5 information on what the project's about. And
6 there's a written comment period that follows this
7 meeting until -- I believe it's August 31st where
8 you can write in comments. So tonight, verbal
9 questions and comments, and the written comment are
10 the most important part of this process.
11 You can see 8/16 and 8/17. So we're at
12 the in-person public information meeting tonight.
13 There is an online one tomorrow. Everything that's
14 discussed tonight will be discussed tomorrow, so
15 it's for those who can't participate in person and
16 want to participate online. But nothing's different
17 about the meetings. It's the same information both
18 nights. But you're welcome to attend both if you
19 choose, and as I said the information -- the written
20 comment period closes August 31st.
21 Next month -- there isn't a designated
22 date as of yet, but there will be post-meeting
23 filings by the Department that will take into
24 consideration the comments raised tonight. And in
25 the written comment period, Xcel will file

Page 7

1 additional information as well based on what's been
2 heard. And it's expected in October the Commission
3 would take this up and make amendments to the
4 permit, or they could deny, but they will make a
5 decision on what's been proposed.
6 So that's where we're at. I'll have a
7 few more slides after Matt explains the project, and
8 then as I said we'll head into questions and
9 comments.
10 **MR. MATT LANGAN:** Thank you, Scott. Can
11 everyone hear me okay? We don't have a microphone.
12 We feel like it was a cozy enough room maybe so
13 you'd be able to hear us. But just raise your hand
14 if I get too quiet for you.
15 So I'm Matt Langan. I work with Xcel
16 Energy. I'm part of a project team that has
17 proposed this repower project at Pleasant Valley.
18 That proposal is in those binders behind Rich there
19 in a hard copy, if anybody's interested in looking
20 at them. We brought some maps here tonight. What
21 I'll say is, is that there is a formal, you know,
22 presentation that happens tonight. We do take
23 questions or comments recorded by the reporter here.
24 But certainly if you want to -- we're gonna stick
25 around if you have questions, you know, that, you

Page 8

1 know, you wanted to ask on the side and look at a
2 particular area on the map. We'll hang around and
3 be happy to entertain those too, if you didn't want
4 to speak during the more formal portion of this.
5 Okay. So, Scott, you can go to the next
6 slide, if you don't mind.
7 So just a little quick bit about Xcel
8 Energy. We have service territory in eight states
9 in the nation, 3.6 million electricity customers,
10 2 million natural gas customers. We are a leader in
11 wind energy, energy efficiency, carbon reduction,
12 storm restoration, and innovative technology.
13 Next slide, please.
14 And so our company has a vision for the
15 future, and that is to reduce carbon emissions
16 amongst our generation fleet. Pleasant Valley Wind
17 Farm is a really important part of that. In 2020
18 our company was able to reduce carbon emissions by
19 51 percent in comparison to levels in 20 -- excuse
20 me, 2005. Our goal is by 2030 to reduce those
21 carbon emissions by 80 percent based off 2005
22 numbers and by 2050 be 100 percent carbon free.
23 Next slide, please.
24 So as part of that progression, we
25 applied to the Public Utilities Commission for a

1 repower of four of our existing wind farms in our
 2 northern region, three of which are in Minnesota and
 3 one of which is the Pleasant Valley Wind Farm. The
 4 Commission approved that plan, that proposal, in
 5 2020, but there are further approvals that the
 6 Commission needs to make before that actually
 7 happens. And so the site permit amendment is one of
 8 those, and that's what we're here talking about
 9 tonight. We believe there are multiple benefits to
 10 this proposal. We believe it's going to save our
 11 customers money. We believe that it's going to
 12 increase the energy produced and the efficiency with
 13 which it's produced. We're going to lengthen the
 14 life of the wind farm so it's in the community
 15 operating for an even longer span of time and then
 16 improve the technology that's within those wind
 17 turbines. Along with that there are additional
 18 landowner payments and local government tax payments
 19 that are good benefits of the project as well.
 20 You can go to the next slide. Thank you.
 21 So just some basics. As you know the
 22 existing wind farm went into operation in 2015.
 23 There are 100 Vestas -- Vestas is the model -- 100
 24 Vestas V100 models within the project area, and each
 25 has a capacity of 2.0 megawatts. With the repowered

1 wind farm, the proposal is to build it in 2025 so
 2 it's fully operational as repowered by the end of
 3 2025. And at that point the turbines will be -- and
 4 we'll get to this in the next couple slides, some of
 5 the details around this, but then the turbine models
 6 will be a V110, 2.2 megawatts in capacity. The buzz
 7 numbers there, V100 means it's a 100-meter rotor
 8 diameter, okay, and we'll show a graphic, what I
 9 mean by that. It's a 100-meter rotor diameter now.
 10 When they are repowered at V110s, that will be a
 11 110-meter rotor diameter. So we're increasing the
 12 radius by 5 meters, right, 5 meters on either -- on
 13 all sides. And then importantly -- I'm sorry, let's
 14 go back one.
 15 **MR. SCOTT EK:** Sorry.
 16 **MR. MATT LANGAN:** No, that's fine.
 17 This last bullet is an important one. So
 18 as you know the current models have a static light
 19 on there to make for safe aviation in the area.
 20 What we would intend to install with the repowered
 21 wind farm is what's called an aircraft detection
 22 lighting system. That means that the lights are off
 23 unless an aircraft is approaching the area. Then
 24 the lights go on to make for safe navigation. This
 25 is an approved FAA lighting system. We've put it on

1 a number of farms. This is pretty standard for wind
 2 farms these days, and we've found that folks really
 3 appreciate having the lights only on when the
 4 aircraft are coming by. And I'm happy to -- when I
 5 get done with the presentation if anybody has any
 6 more questions about that system, I'm happy to
 7 answer them.
 8 Scott, you can keep going. Okay. Good.
 9 So the construction process is
 10 approximately six to eight months in duration. We
 11 would intend to start in spring of 2025, ending by
 12 winter of '25. There could be some site preparation
 13 work in 2024, but it would be minor. The actual
 14 installation of the components really wouldn't occur
 15 till starting in '25. In order to remove the blades
 16 and the hub and install the new components, we'll do
 17 so with cranes in the project area. Importantly,
 18 and I think especially for this community and this
 19 project, we are going to use rubber-tire cranes,
 20 where they only travel on public roads and access --
 21 and existing access roads to the turbines. There
 22 will be no cross-country travel of cranes walking
 23 from one turbine to the next across fields.
 24 And then to give you an idea of what the
 25 workspace around a turbine looks like, we have

1 analyzed that it would be a maximum 400-foot radius
 2 in the area immediately surrounding the turbine
 3 foundation for us to set our -- to stage our
 4 equipment, the construction equipment, to stage the
 5 new turbine components, and to stage where the old
 6 turbine components come down. So that will all
 7 happen within a 400-foot radius maximum of the
 8 turbine foundation. That's a construction
 9 footprint, if you will.
 10 Okay. Scott, next one. Thank you.
 11 So just, you know, as we're using the
 12 terminology, obviously the blades, those will move
 13 from -- you know, instead of 50 meters long, they'll
 14 be 55 meters long. The nacelle will either, again,
 15 have components in that nacelle replaced or an
 16 entirely new nacelle placed on the turbine tower,
 17 and then this piece is the hub right here that
 18 connects the blades. That will be a replaced
 19 component as well, as part of the repower. But with
 20 the foundation and the tower, those are going to
 21 remain in the same location and will use the same
 22 foundation and tower itself. So those won't move or
 23 change.
 24 Okay. Scott, next one. Thanks.
 25 I've got some contact information on

Page 13

1 here. You know, now is the time when you want to
2 submit -- if you want to submit comments, certainly
3 you can do those on the record, and Scott's got
4 contact information for the state to do so. A handy
5 thing to pick up, if you didn't already, is the copy
6 of this presentation, right there, where all of this
7 information is going to be. But we at Xcel really
8 welcome your questions or concerns, and even after
9 this process is over, we really invite any comments
10 or questions or concerns to come in to us and we'll
11 be happy to answer them. So here's some information
12 about how to get in touch with us, again either
13 during this -- the state review process or anytime
14 after and leading up to and through construction.
15 I think that's my last slide.
16 **MR. SCOTT EK:** Okay.
17 **MR. MATT LANGAN:** Thank you.
18 **MR. SCOTT EK:** Thanks, Matt.
19 Yeah, so as Matt was leading into here, I
20 put this -- I'm going to -- there will be a slide at
21 the end -- this information will -- I'll leave up at
22 the end of the presentation. As Matt said there's a
23 copy of this presentation with all this information,
24 as well as a notice that was sent out, so you can
25 grab those on the front desk. It has contact

Page 14

1 information, comment deadlines, how to comment,
2 where to send the comments, and so forth.
3 So what the Commission looks for -- of
4 course you can comment on anything you like, but
5 what helps the Commission and the Department is to
6 identify any impacts you foresee, you know, with
7 your property or with the project in general, human
8 and environmental impacts or things that should be
9 mitigated or concerns you just question that are out
10 there and then the -- just whether or not the
11 Commission should approve the requested site permit
12 amendments. That helps the Commission. That said,
13 we will take any comment you have and it's always
14 helpful.
15 That's the reason for tonight, and so
16 here just in a few minutes or so, we'll go into the
17 questions and comments for you folks. So if you --
18 I see on the -- when you came in, there were sign-in
19 sheets. Of course you don't have to sign in. It
20 looks like one -- we have one person that actually
21 signed in that wanted to speak. There's other folks
22 that just wanted to be put on the mailing list and
23 whatnot. So what'll happen, I'll ask the person who
24 signed in to speak first, and since there's only a
25 dozen or more of us here, we can go by questions by

Page 15

1 hand. But make sure -- we want to do it one person
2 at a time 'cause we have a court reporter here that
3 will take that information down, and we'll have a
4 transcript of all the questions and the comments.
5 So you'll want to state and spell your
6 first name. If you forget, I'll remind you or the
7 court reporter will remind you. Speak loudly and
8 clearly. And like I said we sometimes limit it to
9 five minutes if there's a lot of folks here, but I
10 think we have plenty of time to get through any
11 questions that might come up. And should it go way
12 long, you can always add yourself to the queue
13 again. But here's the slide I was talking about
14 with the information, and as I said there's
15 information on the front desk when you walked in.
16 So I guess we'll go to questions and
17 comments. The first person -- the only person that
18 signed up to speak is Mr. Nathan Runke.
19 **MR. NATHAN RUNKE:** I can probably talk
20 loud enough from back here. So my name's Nathan
21 Runke. So that's N-A-T-H-A-N, R-U-N-K-E. I'm with
22 the International Union of Operating Engineers Local
23 49. We're a heavy equipment operator union that
24 represents fourteen and a half thousand members
25 across Minnesota and both Dakotas, 800 of which live

Page 16

1 within 50 miles of this project.
2 I just wanted to speak in support of this
3 project. It creates the work that our members do
4 every day. Xcel has a pretty well proven track
5 record of employing people with family-sustaining
6 wages and giving them the opportunity to either get
7 a career in this industry or continue their career
8 in this industry, so we really appreciate working
9 with a company like them. I'm confident this
10 project will be done in a way that the workers that
11 will work on it will benefit strongly from it. We
12 support the goal of carbon reduction. So any of
13 these wind farms, we'll obviously be out there to
14 work on them. We'd encourage the Commission to keep
15 the local benefits of local union labor potential on
16 a job like this in mind when they're considering it,
17 and we'd urge the Commission to approve the
18 requested site permit amendments. And thank you for
19 the opportunity to speak tonight.
20 **MR. SCOTT EK:** Thank you. So I guess we
21 can just now open it up to a show of hands, whoever
22 has a question or a comment.
23 **MR. RANDY SWANSON:** I have a question.
24 **MR. SCOTT EK:** Sure. If you just want to
25 -- if you could just state and spell your name for

1 the court reporter.
 2 **MR. RANDY SWANSON:** Okay. Randy Swanson,
 3 S-W-A-N-S-O-N. My question is it seems like -- are
 4 you doing this for a lot of repair, because you're
 5 only -- you're only increasing it 2/10ths per
 6 windmill. That seems like that's a lot of work for
 7 just 2/10th's more power out of each one. That, and
 8 the other thing is a lot of these have been sitting
 9 idle, not even running. I've noticed there's
 10 anywhere from three to a half a dozen that haven't
 11 run for a couple months, and then they'll start them
 12 again. I was wondering, well, they're gonna start
 13 working on them, but they weren't. So that's the
 14 question there I guess I would have. As far as your
 15 carbon reduction, most of that was because you
 16 eliminated coal plants.
 17 **MR. MATT LANGAN:** Can I take that?
 18 **MR. SCOTT EK:** Yeah.
 19 **MR. MATT LANGAN:** So thanks for the
 20 comments, plural, I think. Thanks for the comments.
 21 Number one, you're right the -- while
 22 there's a 0.2 megawatt increase, the numbers, the
 23 energy efficiency gained over time is really an
 24 economic win. If you prorate that over the 25-year
 25 operating life that we're proposing here, it's

1 a wind farm that we believe really does provide
 2 benefits to the community. We've been here for the
 3 seven years. We like operating here. We hope that
 4 we have a good working relationship with folks in
 5 the community, and so we want to extend that. We
 6 want to extend that operating life and that
 7 partnership with the community.
 8 In terms of the individual turbines being
 9 shut down or not working, I'm sorry to say I don't
 10 have the answer for why that might be. You know, I
 11 guess I wouldn't know. I can take a look at that
 12 and try to provide some information about why that
 13 is. But certainly what we'd like is for our
 14 turbines to be operating all the time of course.
 15 **MR. RANDY SWANSON:** I do have one more
 16 part of that as far as the -- I just have one more
 17 part of that compared to -- I mean, what it amounts
 18 to and stuff, you're backup for these plants and
 19 stuff, a lot of people have problems. Why aren't
 20 they leaving some of the coal plants, because
 21 there's gonna be such a high demand for electricity,
 22 especially with this administration. It's
 23 impossible to meet those demands. Other countries
 24 are saying we might think about it by 2030, and
 25 we're trying to make all these things now.

1 actually substantial with the new technology and the
 2 longer blades. It is a true economic benefit even
 3 if it seems, you know, incremental per turbine. So
 4 -- and that was something that the Public Utilities
 5 Commission had to evaluate when they were approving
 6 the proposal, was is this worth it? And so it is
 7 and we can -- I think we can point -- although not
 8 off the top of my head, we can point to some areas
 9 of the application where we have, you know, provided
 10 those numbers. But you're right. There's an
 11 incremental per turbine out of the 100 turbines'
 12 increase there, and -- okay. That was the first
 13 comment.
 14 Second comment, you're right. Our
 15 proposal -- and maybe this was the third comment.
 16 Forgive me. But you're right. Our proposal is to
 17 shutter our coal plants -- coal-burning units up at
 18 Sherco -- within the State of Minnesota. And so
 19 that makes these type of renewable energy projects
 20 all the more important, because energy use is not
 21 going down right now. And so we need to -- we need
 22 to replace those coal-fired units with renewable
 23 energy from projects like this. And so extending
 24 the service life of the Pleasant Valley Wind Farm is
 25 a priority for us, you know, where we're looking at

1 Although the United States uses a lot of
 2 electricity, as far as -- I guess what I'm asking is
 3 the backup plans that they have right now are jet
 4 engines running on natural gas. But natural gas
 5 does not have enough BTUs to start them, so they
 6 have to start on a jet fuel like a diesel fuel for
 7 probably 20 to 30 minutes before they can generate
 8 enough heat to switch it to a natural gas. Kind of
 9 defeats the purpose of the carbons, because they're
 10 getting a lot of carbons out there.
 11 **MR. SCOTT EK:** Oh, valid points. Valid
 12 points. It's just -- and I get your question. It
 13 makes a lot of sense to me as well. I question, you
 14 know, how -- unfortunately, I am not the
 15 decisionmaker. And, you know, I didn't plan these
 16 policies out in the future and require what -- you
 17 know, tell Xcel what they're expected to do and
 18 whatnot. But, no, just as a citizen myself, I
 19 scratch my head and go, well, if we're getting rid
 20 of these big generating facilities, what's gonna
 21 take their place? And if so, you know, I think
 22 you're talking about peaker plants that use natural
 23 gas, and Xcel turns them on and off, you know,
 24 depending on the grid, the load, and the electricity
 25 needed.

1 Yeah, you're right. I, you know --
2 that's just a bigger conversation than we can have
3 here tonight. You know, we're just talking about
4 this wind farm and replacing the mechanics and
5 blades on each of the turbines to add to the whole.
6 So, I mean, the questions you asked are valid, but I
7 don't know if they can be answered here tonight.

8 **MR. JIM HAHN:** My name is Jim Hahn,
9 H-A-H-N. My comment really was we're going to work
10 on adding 10 percent of capacity of potential by
11 adding the bigger blades and better technology, but
12 ultimately what are we going to gain by this? If we
13 cannot add that extra 10 percent into the grid, why
14 do we do it?

15 **MR. MATT LANGAN:** So while -- can I
16 answer?

17 **MR. SCOTT EK:** Oh, yeah.

18 **MR. MATT LANGAN:** So it's -- it's the
19 energy efficiency given by, right, the new -- the
20 new blades and the new components within the nacelle
21 that gain a greater efficiency. So we're capturing
22 -- capturing more wind, if you will, right, and
23 therefore increasing what is currently the
24 generating output. Even -- even if we are able to
25 -- we are limited to our maximum contribution at the

1 point of interconnect, we are able to get there more
2 efficiently, and so we are actually producing more
3 energy with the new repowered turbines than the
4 existing turbines.

5 **MR. JIM HAHN:** So ultimately you'll leave
6 more tower stands idle then 'cause you won't need
7 them?

8 **MR. MATT LANGAN:** Chris, would you -- we
9 do have other members of the Xcel project team here,
10 and we would have to state a name and provide an
11 answer. Chris, if you could.

12 **MR. CHRIS HOGG:** Chris Hogg, H-O-G-G. So
13 right now our max output, we're a 200-megawatt
14 facility. That's with our interconnect, right, so
15 we can't go over 200 megawatts. We're a 2.0 machine
16 right now, so we can at the turbine generate
17 2 megawatts or 200 megawatts, right, collectively.
18 But we lose a lot of the losses in the collection
19 lines. So what the overrun does on the 2.2 -- the 2
20 to the 2.2, it allows us to generate 200 megawatts
21 at our point of interconnect. So we're gonna get
22 there -- so that's about five or six megawatts that
23 we're losing, without looking at the numbers again,
24 from the turbine all the way to our point of
25 interconnect.

1 Now, where the bigger blades really help
2 is in the summer months, right, the low-wind summer
3 months. So the bigger blade will allow us to
4 produce more energy at the 4 to 5, 6-meter second
5 winds. So that's really where their bread and
6 butter is with the bigger blades. That's why the
7 industry has gone to the bigger blades, so we can
8 spend more time producing energy, if that makes
9 sense. So going to the overproduce, you know, we're
10 going from 200 megawatts to 220 megawatts. That's
11 at our top end. But we'll just run a curtailment on
12 them. So we won't technically shut any down, but we
13 can only interject 200 megawatts onto the system.
14 That is our limit, and we're not allowed to go over
15 that. Does that answer your question?

16 **MR. JIM HAHN:** Yeah, I guess it does. It
17 just makes you go to work and feel -- like Randy was
18 just asking about, you know, why do you have them
19 stand idle?

20 **MR. CHRIS HOGG:** Well, those couple that
21 are standing idle, they have been standing idle for
22 a little while. The December 18th derecho that came
23 through did damage to the blades. We had seven
24 blades get damaged in that storm, and it's taken a
25 while. The blades, they're older. They're harder

1 to find. You know, it's 2015, 2014, is when they
2 were produced. So they get harder to find. You
3 gotta get them shipped up here. They come from all
4 over the U.S. They have to be matched weight. They
5 gotta be within so many kilograms of each other.
6 The pitch has got to be the same on them. So we
7 finally got them in. We're doing the last one
8 hopefully on Thursday, and we should have all of
9 them back and running.

10 **MR. RANDY SWANSON:** Are they equipping
11 them with the deicing?

12 **MR. CHRIS HOGG:** I wish there was
13 something for deicing.

14 **MR. RANDY SWANSON:** Okay.

15 **MR. CHRIS HOGG:** Does that kind of get
16 both questions there?

17 **MR. SCOTT EK:** Are there any other
18 questions from folks?

19 Yes, sir. Just, if you could, speak
20 loudly and --

21 **MR. NATE REID:** Sure. Sure.
22 Nate Reid, R-E-I-D. I guess my question's probably
23 for Chris. And Xcel's been really good to work with
24 as opposed to the original construction outfit. How
25 heavy is the crane? And is it gonna -- is it gonna

Page 25

1 crush tile when it runs across it? Drain tile.
2 **MR. CHRIS HOGG:** I mean, long story
3 short, yeah, I mean, we're gonna crush tile again,
4 but we're gonna stay to the turbine roads. So that
5 access, we're actually gonna have to -- the crane's
6 a little wider than the road in some spots, so if
7 there's tile out there, there's high potential for
8 it to be impacted. Now, they can't travel that full
9 crane fully weighted down our turbine roads, so
10 we'll actually have to break down quite a bit of it
11 so it becomes an overweight semitrailer, you know,
12 which is still 80,000 pounds, right? You're moving
13 down the road or down a turbine road. But we're not
14 -- as Matt mentioned earlier, we're not going across
15 the road. It's turbine to turbine on the access
16 road. Once they get down to whatever's on that set
17 of access roads, they'll break it down more and then
18 take it on to the next set and build it at the
19 tower.
20 So I've kind of looked at that, and I've
21 been working a little bit with the project team.
22 You know, there's -- if there's a main under the
23 road, it's something where we could possibly do some
24 cribbing, get a ramp, do cribbing so we can spread
25 that load out even more. The mains are -- I don't

Page 26

1 want to crush a main. RES was -- RES did a few of
2 those obviously back in the original construction,
3 but there's definitely things we can do to help
4 prevent and truly minimize the impact to the field
5 tile this time.
6 And then since we're more in charge of
7 the project as opposed to last time, as the BOT
8 we'll be able to more handpick our tile company, and
9 they'll be able to be out there while -- you know,
10 while we're on construction and do repairs and stuff
11 right then and there. Long story short, we'll crush
12 some tile, but we'll be more responsive to fixing
13 them this time around, as we have full control this
14 time.
15 **MR. RANDY SWANSON:** Could I add to that
16 question? I don't want to be hogging everything
17 here, but I think it'd probably be the opinion and my
18 opinion is especially that I'm glad Xcel is doing
19 this. But the ones that were doing the construction
20 there, the last group, they're pathetic, and they --
21 what was discouraging to a lot of people was that
22 they put a footprint out saying we're gonna put
23 these windmills here and stuff like that, and then
24 they said but we'll change where you want. Well,
25 everybody -- not everybody, but there's a lot of

Page 27

1 them that said, yeah, we'd like them in a different
2 spot than what they are. They went by the original
3 footprint no matter what. They didn't give a hoot
4 what we said at the meetings, and basically they
5 were saying they were gonna plank this and stuff,
6 the heavy cranes and things. And I realize what
7 you're using now is gonna be a lot better system as
8 far as cranes.
9 **MR. CHRIS HOGG:** Yep.
10 **MR. RANDY SWANSON:** What they did as far
11 as cranes, they were out to crush tile. I mean,
12 they damaged millions of dollars of tile.
13 **MR. CHRIS HOGG:** I don't disagree with
14 that. Again, we're in better control of the
15 situation this time around.
16 **MR. SCOTT EK:** Mr. Swanson.
17 **MR. RANDY SWANSON:** Yes.
18 **MR. SCOTT EK:** We have this all in
19 transcript. So, you know -- and our permits -- our
20 permits -- no, but really, the Commission -- that's
21 one of the important things to the commissioners. I
22 know that they -- the first thing they have in mind
23 when considering a project or any changes to a
24 project are the concerns of the people, of the
25 landowners. I know -- I mean, one of the

Page 28

1 commissioners, he's just focused on, you know, local
2 landowners and ensuring that that permit covers, you
3 know, all the concerns that they have. And our
4 permits do require a builder to -- if they damage
5 drain tile, fences, anything for that matter, that
6 it needs to be replaced. And at any time we would
7 expect a landowner, if there's problems working with
8 that developer or construction company, to come to
9 the Commission, and that's when we step in and help
10 take over for that landowner. So it's really
11 important.
12 It's unfortunate that last time around it
13 sounds like some not so great things may have
14 happened, and I think Xcel's aware of that, it
15 sounds like too. So this time around if this is all
16 approved, hopefully it's a little better. But it is
17 a concern that the commissioners all take to heart.
18 **MR. RANDY SWANSON:** In that sense I have
19 sympathy for Xcel, because a lot of situations,
20 there were things they didn't have control over and
21 they got dumped on, is what it amounted to. So
22 that's the main thing there, and they were supposed
23 to last as far as the -- that was the first question
24 I asked. As far as the longevity of these, they
25 were talking 25, 30 years. A lot of them were

Page 29

1 leaking in the planetaries and everything like this,
2 the reduction for the crops and stuff. But then
3 four or five years, oil running down and stuff this
4 way. So that's what I was hoping. They're putting
5 a lot better equipment in there now than they did
6 before as far as the gearboxes, as far as everything
7 that goes that way.
8 **MR. SCOTT EK:** Thank you.
9 Yes, sir, if you can just state and spell
10 your name and try to speak loud if you can, please.
11 **MR. KRIS HOUG:** My name is Kris Houg,
12 K-R-I-S, H-O-U-G. I actually live over by Glenville
13 in the footprint of the Freeborn Wind Farm that they
14 put up there recently. But anyway to put people's
15 mind at ease, I'm actually with the Local 49 too, so
16 I came from the heavy equipment operator background.
17 And I can tell you that Xcel has been a great entity
18 to work with on these projects. They've provided a
19 lot of local jobs, and you're gonna see a lot less,
20 I guess, travelers in from the southern states and
21 all over. They pick really responsible contractors
22 to do these jobs, and they take care of the
23 landowners.
24 I'm working with several farms out west
25 right now that Xcel is in charge of, and they've

Page 30

1 been absolutely perfect for people to deal with.
2 And the landowners that I have talked to are
3 absolutely happy with what's going on out there.
4 And so like you guys have dealt with in the past,
5 I've heard horror stories. I just wanted to cheer
6 up the locals a little bit. There's gonna be a lot
7 better contractors in town working on these.
8 **MR. SCOTT EK:** Thank you. Yes, sir.
9 **MR. RON MASCHING:** My name is Ron
10 Masching, R-O-N, M-A-S-C-H-I-N-G. My question is
11 with the weight of these cranes, it doesn't matter
12 if they're rubber tired or if there on tracks or
13 whatever. What occurred last year within Waltham
14 township was the integrity of the gravel roads is
15 totally destroyed. The actual load that you can put
16 on a gravel road is far less than 80,000 pounds.
17 And the width when they get out to the outer edge of
18 that road, it does not have the depth of gravel, so
19 the integrity of the road is easily destroyed. And
20 the simple fix of just adding more gravel to that
21 road does not improve the integrity of the road that
22 was destroyed.
23 And my question is as a resident, Mower
24 County was willing to sign off that the roads were
25 fine, and at that time I operated the grader for

Page 31

1 Waltham Township. The roads were not fine. They
2 did not repair them, and in fact on intersections
3 that they had widened out when they went and removed
4 it, in places they narrowed our roadway at that
5 intersection by 3 feet and the in-slope was totally
6 ignored. That puts the township at a severe
7 liability. If somebody would cut the corner a
8 little too short, it would cause a rollover, because
9 the in-slope is not what it was supposed to be.
10 My question is, is would it be in the
11 best interest of the township to go out and
12 videotape all these roads in the conditions they are
13 now prior to when this construction starts so we
14 have a reference of what we expect Xcel or the
15 contractors to bring it back to prior to them
16 leaving the area? Last contractors paid Waltham
17 Township -- I believe it was \$78,000 and said, well,
18 here's the money, you guys just go and fix it. When
19 you have 8 miles of road that the integrity has been
20 totally compromised, \$78,000, what is the cost to
21 regrade 1 mile of road? It is much greater than
22 what they were -- they were throwing peanuts at us,
23 thinking we would think it was a large sum of money
24 and that was it. We were not allowed to maintain
25 that road for three years while construction went

Page 32

1 on. I would hope that they would allow the township
2 to perform maintenance during the construction
3 period rather than come in after everything was
4 destroyed and try and bring it back to where it was.
5 **MR. MATT LANGAN:** Did you want to answer
6 that? I'm happy to also, in terms of road-use
7 agreements.
8 **MR. RICH DAVIS:** I was gonna say per the
9 site permit that the Commission would issue for
10 this, there is language in there -- there's a
11 condition to have a road-use agreement or a
12 development agreement, is what they're called.
13 Sometimes that's generally between the county and
14 the developer, so Xcel in this case. A lot of times
15 townships will give that authority over to the
16 county, like you mentioned with Mower County signing
17 off on stuff. And that's kind of where the
18 responsibility of that lies, is that we have to --
19 we'll receive a copy of that. But at this point I
20 would say you might want to address that.
21 **MR. MATT LANGAN:** I think you're
22 answering correctly. So as part of the site permit
23 if we were warranted, there will be a condition that
24 we enter into a road-use or road-development
25 agreement with the townships and county. I know

1 that those agreements take a while to put together.
2 I also know that, you know, getting a snapshot of
3 the current condition of the road is something
4 that's in the interest of both parties, right? So,
5 yeah, it's often a videotaping of the condition of
6 the road or other measures of the road's integrity
7 before construction starts.

8 **MR. RON MASCHING:** So in the investment
9 of having that videotape, there are companies out
10 there that professionally do videotaping and they
11 know the critical areas, of which it is definitely
12 shown in the before video and the after video. Is
13 Xcel willing to accept that they incur the cost of
14 that, or would the township to have to pay for that
15 just to protect what we currently have?

16 **MR. MATT LANGAN:** I want to make sure I'm
17 understanding your question correctly because the
18 answer to what I think your question is, is that
19 Xcel Energy would be responsible for any damages
20 caused to the roadways because of construction
21 traffic.

22 **MR. RON MASCHING:** Okay. My question is
23 to make it very clear what damage was done, what the
24 condition of the road was before, and what it is
25 after construction's completed, to pay for that

1 videotaping, is that going to be the responsibility
2 of the township or is Xcel going to have funds
3 available to reimburse the township for that, or is
4 Xcel going to have a program? Because it's not just
5 one township that's affected here. The 100 wind
6 generators involve many townships.

7 **MR. MATT LANGAN:** Yes.

8 **MR. RON MASCHING:** Are they going to
9 videotape all those, or is it just up to the
10 townships to stand up and say, hey, we want to
11 protect what we have worked hard to maintain?

12 **MR. MATT LANGAN:** Yeah, understood.
13 Thanks. And this is such a good question and
14 something that we spend a lot of time on. I will
15 say that it's not me that negotiates the road-use
16 agreement, so I don't know every detail on it. But
17 I will say that it seems reasonable that Xcel Energy
18 would bear the cost of taping the condition of the
19 roads before we use them. That seems reasonable,
20 and if I'm wrong, anybody else on the Xcel project
21 team can tell me I am, or I'll come back and I'll
22 get in touch with you directly to tell you I was
23 wrong. But that seems like a reasonable cost for us
24 to bear, and so we'll do that.

25 What I will say is, you know, part of

1 that road-use agreement is what roads will be used.
2 Not every single road of course in the township and
3 county is going to be used for construction. That's
4 a big part of the negotiation or the cooperation
5 between the construction company and the local unit
6 of government, whatever it might be, is what are the
7 appropriate roads to use to accomplish construction.
8 So we're not using roads that aren't appropriate in
9 the first place to use.

10 Go ahead.

11 **MR. RICH DAVIS:** I was just going to say
12 I would recommend that you -- that the township
13 bring that up to Mower County so that they can then
14 have that discussion with Xcel when they're working
15 through the road-use agreement, unless the
16 township's gonna represent themselves in that --
17 working through that agreement, because then it
18 would be -- you would want something like that in
19 the agreement itself to specify who's doing the
20 before and the after in handling those kind of
21 things. That would be my recommendation, I guess.
22 That's where it would probably do the most help.

23 **MR. RON MASCHING:** What I'm looking at is
24 what took place when the wind farm was originally --
25 the original construction when it was erected. What

1 I'm looking at is the township did not have a say
2 so. We had to go to Mike Hanson in Mower County,
3 and we had to actually physically drag him out and
4 show him the damage on the roads before he said,
5 okay, well, maybe I shouldn't sign off on this.

6 Because Sargeant Township to the east of
7 us, one of the roads, like you said, that they used
8 was 320, and that -- a mile of that was in Sargeant
9 Township. A mile of it was in Waltham Township.
10 And, I mean, it -- that road just got pushed down
11 into the ground. They tried to repair it by putting
12 big 4-inch breaker rock on the road with no concern
13 for the liability that the township would stand if
14 somebody driving down that road tried to drive it at
15 55 miles an hour, which is the legal speed limit on
16 a gravel road that is not posted. According to
17 state law, it's 55 miles an hour. If somebody loses
18 control of that vehicle and goes in the ditch, I can
19 guarantee you their lawyer is going to name Waltham
20 Township as the responsible party, and we were not
21 allowed to do anything to maintain those roads while
22 the construction was going on.

23 So what I would like to see changed is
24 that not only does the county take responsibility to
25 sign off, but also the townships have a say in that.

Page 37

1 This is all going to be discussed at the township's
2 annual meeting in March prior to when all this gets
3 started.
4 **MR. SCOTT EK:** I can add to that. And
5 I'm sorry to hear about the problems you had with
6 the last contractor and whatnot. That said, also
7 I'm not putting any blame. It's too bad that you
8 couldn't have -- someone couldn't have contacted the
9 Commission. You know, I imagine you went to the
10 contractor, and the contractor is supposed to
11 contact the Commission, and there's supposed to be a
12 chain of -- a chain of command. And if that chain
13 of command breaks down, then we would expect the
14 township to come to the Commission or go to the
15 county. There would be some type of interaction.
16 But I wanted to -- here's why I point
17 that out, is in the permit that's existing right
18 now, this is just an excerpt from Section 7.8, and
19 this won't change. With your comments tonight, it
20 might get even a little better as we go through this
21 process to amend. But, you know, the permittee
22 shall, prior to use of such roads, make satisfactory
23 arrangements with the appropriate state, county, or
24 township government body having jurisdiction over
25 roads to be used for construction of the project for

Page 38

1 maintenance repair of the roads that will be subject
2 to extra wear and tear due to transportation of
3 equipment and project components. The permittee
4 shall notify the Commission of such arrangements
5 upon request to the Commission.
6 So just saying that, I know Xcel has done
7 other projects and is aware of this. This is very
8 general language, and you heard me name townships in
9 there. So in this case this road agreement would
10 include the county, the townships, if it was a city.
11 All those players involved would be part of that
12 road agreement, and it would have to be filed. And
13 somewhere in that agreement, Xcel would have to say
14 all of these bodies agree to this and we've come to
15 agreement. If not, Xcel, you need to go back and
16 work with these to make -- until there is agreement
17 or satisfaction, you know, to the Commission and all
18 involved.
19 So I just wanted to point out as the
20 permit exists, it says that. It should have helped
21 last time. I apologize. Hopefully with your
22 comments and the existing language and Xcel being
23 the developer, it will go better this time.
24 **MR. RON MASCHING:** Well, last time was a
25 learning process for everybody, for the farmers,

Page 39

1 farmland, for the townships, and the roads. It was
2 all a learning process. I just hope that across the
3 board that everybody, all people concerned, will do
4 a much better job in making it so that efficiency of
5 producing electricity isn't, quote, unquote, the
6 focus of the whole thing.
7 **MR. SCOTT EK:** Right. Yes
8 **MR. NATE REID:** Nate Reid again. I'm
9 wondering what happens if I don't sign my amendment.
10 A little background, I met with a gentleman, a very
11 nice guy and, you know, got the sheet that says,
12 okay, it's gonna be 10 percent more on such and such
13 a date and all this and that and, you know, talked
14 about going from the loyalty payment to the fixed
15 payment. And that's all great too, and I said,
16 well, you know, that sounds great, why don't you
17 just write that into the amendment that it's gonna
18 be 10 percent more based on some, you know, CPI
19 factor from this point forward, and we'll know
20 exactly what it will be. And, well, we can't do
21 that.
22 So I'm kind of wondering, I don't usually
23 sign contracts that I have to perform on without the
24 other side stating exactly what they're gonna do.
25 It seems like it's a fairly -- and maybe I don't

Page 40

1 understand and that's fine. It seems like a fairly
2 straightforward deal. You know, we're gonna max out
3 a 2.2, and I think the previous thing says 4400 per
4 megawatt. And, you know, there's -- you know,
5 inflation's been low. It's ratcheting up. So, I
6 mean, it should be fairly easy to spell out exactly
7 what we're gonna get paid. So I'm kind of wondering
8 where do I go from there?
9 **MR. MATT LANGAN:** Well, I can -- yeah, I
10 can answer part of that, but I do have one question
11 just so I understand. Do you host a turbine on your
12 land?
13 **MR. NATE REID:** Yes.
14 **MR. MATT LANGAN:** Okay. All right. So I
15 think -- you know, Xcel would hope to come to an
16 agreement with you. I will say that we do have a
17 land agent representative here tonight that we're
18 happy to speak with you further about that. The
19 site permit itself doesn't get into, you know,
20 payment amounts or anything like that, so that's
21 sort of not the subject of a site permit tonight.
22 **MR. NATE REID:** Right.
23 **MR. MATT LANGAN:** But I encourage you, if
24 you wouldn't mind, to just stick around, and we
25 could speak with you about that afterwards.

Page 41

1 **MR. NATE REID:** Absolutely.
2 **MR. MATT LANGAN:** And so -- and thanks
3 for clarifying that you have a turbine on your land.
4 You know, we would -- not extending the agreement
5 would not allow us to run a repower turbine past the
6 existing term of the permit. That's the impact it
7 would be. But if you don't mind, sir, please stick
8 around, and we'd be happy to speak with you.
9 **MR. NATE REID:** Very pleasant
10 conversations with the agent and not unhappy.
11 Just like I said I don't want to --
12 **MR. MATT LANGAN:** You bet.
13 **MR. NATE REID:** Good fences make good
14 neighbors.
15 **MR. MATT LANGAN:** Yep.
16 **MR. SCOTT EK:** And I can just say on the
17 Commission side of it, the Commission doesn't and
18 can't get into these individual agreements, how
19 they're structured and who agrees on what.
20 Basically, the Commission's just made aware, you
21 know, if people are signing agreements or are they
22 against agreements, just kind of how they feel about
23 the project being on their property and what -- but
24 not the -- not the details of any of these
25 agreements, they don't consider.

Page 42

1 **MR. NATE REID:** I would say working with
2 Xcel's been very good. I mean, it's -- no
3 complaints at all. I'm very happy with them.
4 **MR. SCOTT EK:** All right. Any other
5 folks have questions or comments?
6 Yes, sir, if you could state and spell
7 your name.
8 **MR. DUWAYNE SKOV:** My name is Duwayne
9 Skov, S-K-O-V. The initial construction of the two
10 windmills on our property, we had more trouble with
11 tile lines than anything I ever done, And it was
12 about three years before we finally got it
13 straightened out. Also, I'm retired now, and I live
14 in assisted living place. Certainly the income from
15 the windmills is a big help paying for it. The
16 Dexter Township is getting a nice check from the
17 wind tax. The county's getting good wind tax. I
18 appreciate it.
19 **MR. SCOTT EK:** Thank you for the comment.
20 **MS. LAVONNE SKOV:** And Duwayne was on the
21 Dexter board, the township board, for 30 years, and
22 roads is the main thing they worked with. And they
23 -- he talked the other guys into -- instead of
24 buying gravel, they bought crushed rock, which is
25 bigger but yet not so big that it's gonna break

Page 43

1 everybody's windshields. And it built up the roads
2 in our township through the years, 'cause each year
3 they would do a certain percent of putting crushed
4 rock on certain gravel roads. Tried to do the worst
5 ones first and then build up to where everybody
6 would get a light cover.
7 But they found that they saved more money
8 -- I have a friend here -- that has been -- when the
9 first people came talking about it, Duwayne was one
10 of the advisory board. He talked the other farmers
11 into electing certain guys to be on the board, and
12 there were five of them. He was one, and they met
13 with the lawyers. They met with RES, and they made
14 -- or said to them that they would pay for Dexter's
15 lawyer also. Not only were they doing the lawsuits,
16 but they were telling the guys.
17 And so the word around got that when they
18 first started talking about things, these people
19 didn't even know what we meant by tiling on a farm.
20 They thought we were talking about the stuff you put
21 on walls. So it's really basic. You gotta be sure
22 they know what you want to have them do and that
23 tiling is much different in Texas. They don't do
24 it, and up here they do a lot.
25 And we had a lot of tiling issues. They

Page 44

1 did not follow what he recommended. And our tile
2 lines went a certain direction, and he wanted them
3 to not drive across them and put something the other
4 way. But they didn't pay any attention, and they
5 went down beside or over or whatever, and so we had
6 a lot of problems with them. But it wasn't our
7 local ones that were doing that, and so it was just
8 people that did not understand that you don't do
9 that.
10 **COURT REPORTER:** Can I get your name?
11 **MS. LAVONNE SKOV:** Oh, Lavonne Skov,
12 L-A-V-O-N-N-E, S-K-O-V. It's a long O.
13 **MR. SCOTT EK:** And just to kind of answer
14 your concerns, I think as you heard tonight, we
15 touched on both those subjects. And it sounds like
16 that's a bone of contention with folks, and that's
17 exactly what these -- excuse me, these meetings are
18 for, is to get this information on the record so I
19 can put it -- Rich can put it into his post-meeting
20 filings, and I can put it into my briefing papers
21 for the commissioners. And Xcel is here today
22 listening to the concerns. So that's the reason for
23 these meetings.
24 **MS. LAVONNE SKOV:** They don't have a --
25 the board is not working with them at all anymore.

Page 45

1 **MR. SCOTT EK:** I'm sorry?
2 **MS. LAVONNE SKOV:** The advisory board
3 that RES had is not working with Xcel.
4 **MR. SCOTT EK:** No, Xcel will be the sole
5 developer.
6 **MS. LAVONNE SKOV:** But they are the ones
7 that have been coming in and doing building things,
8 Xcel.
9 **MR. MATT LANGAN:** We will, yes, for
10 Pleasant Valley.
11 **MS. LAVONNE SKOV:** For this new one.
12 **MR. MATT LANGAN:** For the new one, yes.
13 **MS. LAVONNE SKOV:** It's -- it's all of
14 us, and we're in Mower County.
15 **MR. SCOTT EK:** And then, you know,
16 whatever's decided in this -- whatever the
17 Commission decides -- if they decide to grant the
18 amendments and the project goes, you know, I'd just
19 stress, you know, you'll have contact information
20 for the Commission, for me, for Rich, for -- there
21 will be an individual designated -- a couple
22 individuals designated at Xcel that you can contact
23 that would be in a permit. Reach out if there's
24 problems, because if we don't hear about the
25 problems, then we can't -- we don't know about them

Page 46

1 and can't step in. So it's important that folks let
2 us know so we can interject ourselves into any
3 problems that could be happening.
4 Any more questions or comments? Yes,
5 sir.
6 **MR. JIM HAHN:** Jim Hahn again. Just back
7 on as far as restoration on these tiles, will you be
8 using local tiling companies? Is that the thought,
9 or is Xcel gonna bring in tiling companies of their
10 own?
11 **MR. TOM ZELLMER:** I'm trying to think.
12 What we've done is usually ask operations managers
13 what they want. Usually, we ask the operations
14 managers who they have as local tile contractors and
15 if it's in the system.
16 **MR. JIM HAHN:** Comment I still have is
17 that I know on our chicken farm, one of our main
18 tile lines went under -- they put a road over the
19 top of ours, and it crushed that. And we still --
20 our production records still show that we got about
21 5 acres that still aren't producing where they were
22 prior to construction. And we're sure not looking
23 forward to more crushing of -- coming up these roads
24 again, these roads in our field that go over the top
25 of our tile lines. And like I say we enjoy our

Page 47

1 production data that we have. It isn't as good as
2 it was, about 5 acres. It still isn't as good as it
3 was prior to the first road, that road being put in
4 and those cranes coming over the top of them. Just
5 I'm not -- not happy with that yet.
6 **MR. CHRIS HOGG:** Yeah, let's discuss that
7 specific issue after the meeting. But again, we'll
8 -- there's a couple good tile companies left in the
9 area still, you know, that we use. I use Dylan now
10 for the smaller repairs. We'll have to look at what
11 company we want to bring in that will commit to
12 this. Ellingson's is another one that comes to
13 mind.
14 **MR. SCOTT EK:** Any other questions from
15 folks?
16 **MR. RANDY SWANSON:** I would add a comment
17 that maybe a lot of the problems we have is that
18 people in the state or federally or anything,
19 they're so far removed from what is actually taking
20 place out here. They're the ones that we need to
21 educate things. It's just like things on a gravel
22 road. You know, they're coming down 35W thinking
23 that we -- on a gravel road, we drive one side. The
24 load is made for the crown. The center of the road
25 is made -- that's where the weight can be.

Page 48

1 So when you are running something on the
2 edge of the road or something that's that heavy
3 where it takes that much width -- a lot of this tile
4 has mains that are running under the road now. It
5 used to be culverts. A lot of them are running
6 mains and stuff now. They're gonna crush some. So
7 that's -- that's one of the issues, is I think
8 they're not understanding, and they're making a
9 decision to say, oh, just do this, whatever, and
10 they don't have the slightest idea what's going on
11 out here.
12 **MR. MATT LANGAN:** Just one question about
13 that. Xcel frequently works with, you know, not
14 only individual landowners for things like tile in
15 the fields, locations where those are, but also
16 county engineers and roadway managers for those type
17 of situations as well. Is that who you would point
18 us to, to have that kind of local knowledge so that
19 we minimize the damage?
20 **MR. RANDY SWANSON:** Yeah. What I was
21 saying before is I felt like Xcel is getting the
22 brunt of problems that they never created, and
23 basically it's a lot of our -- a lot of our people
24 in the state, whatever, they're making decisions and
25 saying just do this, and they don't know what's

Page 49

1 going on. So they're the ones that we need to
2 communicate with. They're the ones that need to be
3 -- get out here and make a commitment, put your John
4 Henry down here to say I will follow this.

5 **MR. MATT LANGAN:** I thank you for those
6 comments. I think it's clear to everybody in the
7 room, you know, there's a story from last time
8 around to be told, a cautionary story, and so that
9 is impressed upon all of us. This frankly is not
10 the first we've heard of it. But it helps to
11 reinforce what we think we have heard about the way
12 it went the first way around, and it's motivating to
13 us to make sure it goes better this time.

14 **MR. SCOTT EK:** Any more comments from
15 folks?

16 All right. Well, we'll convene the
17 meeting then. We'll wrap it up. As Matt said we'll
18 stick around for any comments off the record or
19 questions you have about the project, and like I
20 said if anything comes to mind after tonight,
21 there's a written comment period. Just grab some of
22 the -- a copy of this presentation or the notice on
23 the front desk. It provides all this info, and you
24 can contact any of us if you have questions or have
25 trouble putting a comment in or anything that comes

Page 50

1 to mind and we'll help you out. So thanks for
2 coming. Thanks for all the good comments. It's
3 really good stuff to know actually. So thank you.

4 (Meeting concluded at 7:21 p.m.)

5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

	35:1,15,17,19,38;9,12, 13,15,16;40:16;41:4	35:7,8;37:23	9:21	breaks (1) 37:13
\$	agreements (6) 32:7;33:1;41:18,21, 22,25	approvals (1) 9:5	bear (2) 34:18,24	briefing (1) 44:20
\$78,000 (2) 31:17,20	agrees (1) 41:19	approve (2) 14:11;16:17	becomes (1) 25:11	bring (5) 31:15;32:4;35:13; 46:9;47:11
A	ahead (1) 35:10	approved (3) 9:4;10:25;28:16	beginning (1) 3:11	brought (1) 7:20
able (6) 7:13;8:18;21:24; 22:1;26:8,9	aircraft (3) 10:21,23;11:4	approving (1) 18:5	behind (1) 7:18	brunt (1) 48:22
absolutely (3) 30:1,3;41:1	allow (3) 23:3;32:1;41:5	approximately (1) 11:10	benefit (2) 16:11;18:2	BTUs (1) 20:5
accept (1) 33:13	allowed (3) 23:14;31:24;36:21	April (1) 3:22	benefits (4) 9:9,19;16:15;19:2	build (3) 10:1;25:18;43:5
access (6) 5:13;11:20,21;25:5, 15,17	allows (1) 22:20	area (9) 4:13;8:2;9:24;10:19, 23;11:17;12:2;31:16; 47:9	beside (1) 44:5	builder (1) 28:4
accomplish (1) 35:7	along (2) 3:7;9:17	areas (2) 18:8;33:11	best (1) 31:11	building (1) 45:7
According (1) 36:16	although (2) 18:7;20:1	around (14) 7:25;8:2;10:5;11:25; 26:13;27:15;28:12,15; 40:24;41:8;43:17;49:8, 12,18	bet (1) 41:12	built (1) 43:1
acres (2) 46:21;47:2	always (2) 14:13;15:12	arrangements (2) 37:23;38:4	better (10) 21:11;27:7,14;28:16; 29:5;30:7;37:20;38:23; 39:4;49:13	bullet (1) 10:17
across (6) 11:23;15:25;25:1,14; 39:2;44:3	amend (3) 5:20,23;37:21	assisted (1) 42:14	big (5) 20:20;35:4;36:12; 42:15,25	butter (1) 23:6
actual (2) 11:13;30:15	amended (1) 3:20	attend (1) 6:18	bigger (7) 21:2,11;23:1,3,6,7; 42:25	buying (1) 42:24
actually (11) 9:6;14:20;18:1;22:2; 25:5,10;29:12,15;36:3; 47:19;50:3	amending (1) 5:2	attention (1) 44:4	binders (1) 7:18	buzz (1) 10:6
add (6) 15:12;21:5,13;26:15; 37:4;47:16	amendment (4) 3:23;9:7;39:9,17	August (3) 3:5;6:7,20	bit (4) 8:7;25:10,21;30:6	C
adding (3) 21:10,11;30:20	amendments (4) 7:3;14:12;16:18; 45:18	authority (1) 32:15	blade (1) 23:3	call (1) 3:25
additional (2) 7:1;9:17	amends (1) 5:19	available (1) 34:3	blades (15) 4:8,12;11:15;12:12, 18;18:2;21:5,11,20; 23:1,6,7,23,24,25	called (4) 3:24;4:1;10:21; 32:12
address (1) 32:20	amongst (1) 8:16	aviation (1) 10:19	blame (1) 37:7	came (4) 14:18;23:22;29:16; 43:9
administration (1) 19:22	amounted (1) 28:21	aware (3) 28:14;38:7;41:20	board (7) 39:3;42:21,21;43:10, 11;44:25;45:2	can (49) 3:7;5:20,23;6:8,11; 7:10;8:5;9:20;11:8; 13:3,24;14:4,25;15:12, 19;16:21;17:17;18:7,7, 8;19:11;20:7;21:2,7, 15;22:16;23:7,13; 25:24;26:3;29:9,10,17; 30:15;34:21;35:13; 36:18;37:4;40:9,10; 41:16;44:10,19,19,20; 45:22;46:2;47:25; 49:24
advisory (2) 43:10;45:2	amounts (2) 19:17;40:20	B	bodies (1) 38:14	capacity (4) 4:20;9:25;10:6; 21:10
affected (1) 34:5	analyst (1) 3:6	back (10) 3:19;10:14;15:20; 24:9;26:2;31:15;32:4; 34:21;38:15;46:6	body (1) 37:24	capturing (2) 21:21,22
afterwards (1) 40:25	analyzed (1) 12:1	background (2) 29:16;39:10	bone (1) 44:16	carbon (7) 8:11,15,18,21,22; 16:12;17:15
again (11) 12:14;13:12;15:13; 17:12;22:23;25:3; 27:14;39:8;46:6,24; 47:7	annual (1) 37:2	backup (2) 19:18;20:3	BOT (1) 26:7	carbons (2) 20:9,10
against (1) 41:22	answered (1) 21:7	bad (1) 37:7	both (6) 6:17,18;15:25;24:16; 33:4;44:15	
agent (2) 40:17;41:10	anymore (1) 44:25	based (3) 7:1;8:21;39:18	bought (1) 42:24	
agree (1) 38:14	apologize (1) 38:21	basic (1) 43:21	bread (1) 23:5	
agreement (15) 32:11,12,25;34:16;	application (3) 4:6;5:10;18:9	basically (4) 4:5;27:4;41:20; 48:23	break (3) 25:10,17;42:25	
	applied (3) 3:3,23;8:25	basics (1)	breaker (1) 36:12	
	appreciate (3) 11:3;16:8;42:18			
	approaching (1) 10:23			
	appropriate (3)			

<p>care (1) 29:22 career (2) 16:7,7 case (4) 5:22,25;32:14;38:9 categories (1) 5:14 cause (5) 5:22;15:2;22:6;31:8; 43:2 caused (1) 33:20 cautionary (1) 49:8 center (1) 47:24 certain (4) 43:3,4,11;44:2 certainly (4) 7:24;13:2;19:13; 42:14 chain (3) 37:12,12,12 change (3) 12:23;26:24;37:19 changed (1) 36:23 changes (2) 5:6;27:23 charge (2) 26:6;29:25 check (1) 42:16 cheer (1) 30:5 chicken (1) 46:17 choose (1) 6:19 Chris (12) 22:8,11,12,12;23:20; 24:12,15,23;25:2;27:9, 13;47:6 citizen (1) 20:18 city (1) 38:10 clarifying (1) 41:3 clear (2) 33:23;49:6 clearly (1) 15:8 closes (1) 6:20 coal (3) 17:16;18:17;19:20 coal-burning (1) 18:17 coal-fired (1) 18:22 collection (1)</p>	<p>22:18 collectively (1) 22:17 coming (7) 3:1;11:4;45:7;46:23; 47:4,22;50:2 command (2) 37:12,13 comment (18) 6:6,9,20,25;14:1,1,4, 13;16:22;18:13,14,15; 21:9;42:19;46:16; 47:16;49:21,25 comments (22) 3:15;6:8,9,24;7:9,23; 13:2,9;14:2,17;15:4, 17;17:20,20;37:19; 38:22;42:5;46:4;49:6, 14,18;50:2 Commerce (1) 3:8 Commission (31) 3:6,14;5:4,15,18,20, 23;7:2;8:25;9:4,6;14:3, 5,11,12;16:14,17;18:5; 27:20;28:9;32:9;37:9, 11,14;38:4,5,17;41:17, 17;45:17,20 commissioners (4) 27:21;28:1,17;44:21 Commission's (1) 41:20 commit (1) 47:11 commitment (1) 49:3 communicate (1) 49:2 community (6) 6:4;9:14;11:18;19:2, 5,7 companies (4) 33:9;46:8,9;47:8 company (7) 8:14,18;16:9;26:8; 28:8;35:5;47:11 compared (1) 19:17 comparison (1) 8:19 compatible (1) 5:7 complaints (1) 42:3 complete (1) 4:11 completed (1) 33:25 component (1) 12:19 components (7) 11:14,16;12:5,6,15; 21:20;38:3</p>	<p>compromised (1) 31:20 concern (2) 28:17;36:12 concerned (1) 39:3 concerns (7) 13:8,10;14:9;27:24; 28:3;44:14,22 concluded (1) 50:4 condition (6) 32:11,23;33:3,5,24; 34:18 conditions (2) 5:24;31:12 confident (1) 16:9 connects (1) 12:18 consider (2) 5:18;41:25 consideration (1) 6:24 considering (2) 16:16;27:23 considers (1) 5:19 construction (22) 11:9;12:4,8;13:14; 24:24;26:2,10,19;28:8; 31:13,25;32:2;33:7,20; 35:3,5,7,25;36:22; 37:25;42:9;46:22 construction's (1) 33:25 contact (7) 12:25;13:4,25;37:11; 45:19,22;49:24 contacted (1) 37:8 intention (1) 44:16 continue (1) 16:7 contractor (3) 37:6,10,10 contractors (5) 29:21;30:7;31:15,16; 46:14 contracts (1) 39:23 contribution (1) 21:25 control (4) 26:13;27:14;28:20; 36:18 convene (1) 49:16 conversation (1) 21:2 conversations (1) 41:10</p>	<p>conversion (2) 5:5,21 cooperation (1) 35:4 copies (1) 5:11 copy (6) 5:11;7:19;13:5,23; 32:19;49:22 corner (1) 31:7 correctly (2) 32:22;33:17 cost (4) 31:20;33:13;34:18, 23 countries (1) 19:23 County (14) 30:24;32:13,16,16, 25;35:3,13;36:2,24; 37:15,23;38:10;45:14; 48:16 county's (1) 42:17 couple (6) 3:20;10:4;17:11; 23:20;45:21;47:8 course (4) 14:4,19;19:14;35:2 court (4) 15:2,7;17:1;44:10 cover (1) 43:6 covers (1) 28:2 cozy (1) 7:12 CPI (1) 39:18 crane (2) 24:25;25:9 cranes (8) 11:17,19,22;27:6,8, 11;30:11;47:4 crane's (1) 25:5 created (1) 48:22 creates (1) 16:3 cribbing (2) 25:24,24 critical (1) 33:11 crops (1) 29:2 cross-country (1) 11:22 crown (1) 47:24 crush (6) 25:1,3;26:1,11;</p>	<p>27:11;48:6 crushed (3) 42:24;43:3;46:19 crushing (1) 46:23 culverts (1) 48:5 current (2) 10:18;33:3 currently (2) 21:23;33:15 curtailment (1) 23:11 customers (3) 8:9,10;9:11 cut (1) 31:7</p>
D				
<p>Dakotas (1) 15:25 damage (5) 23:23;28:4;33:23; 36:4;48:19 damaged (2) 23:24;27:12 damages (1) 33:19 data (1) 47:1 date (2) 6:22;39:13 Davis (3) 3:7;32:8;35:11 day (1) 16:4 days (1) 11:2 deadlines (1) 14:1 deal (2) 30:1;40:2 dealt (1) 30:4 December (1) 23:22 decide (1) 45:17 decided (1) 45:16 decides (1) 45:17 decision (2) 7:5;48:9 decisionmaker (1) 20:15 decisions (1) 48:24 defeats (1) 20:9 definitely (2) 26:3;33:11</p>				

<p>deicing (2) 24:11,13</p> <p>demand (1) 19:21</p> <p>demands (1) 19:23</p> <p>deny (1) 7:4</p> <p>Department (3) 3:8;6:23;14:5</p> <p>depending (1) 20:24</p> <p>depth (1) 30:18</p> <p>derecho (1) 23:22</p> <p>designated (3) 6:21;45:21,22</p> <p>desk (3) 13:25;15:15;49:23</p> <p>destroyed (4) 30:15,19,22;32:4</p> <p>detail (2) 4:25;34:16</p> <p>details (3) 3:12;10:5;41:24</p> <p>detection (1) 10:21</p> <p>developer (4) 28:8;32:14;38:23;45:5</p> <p>development (2) 5:8;32:12</p> <p>Dexter (2) 42:16,21</p> <p>Dexter's (1) 43:14</p> <p>diameter (3) 10:8,9,11</p> <p>diesel (1) 20:6</p> <p>different (3) 6:16;27:1;43:23</p> <p>direction (1) 44:2</p> <p>directly (1) 34:22</p> <p>disagree (1) 27:13</p> <p>discouraging (1) 26:21</p> <p>discuss (1) 47:6</p> <p>discussed (3) 6:14,14;37:1</p> <p>discussion (1) 35:14</p> <p>ditch (1) 36:18</p> <p>dollars (1) 27:12</p> <p>done (7) 5:6;11:5;16:10;</p>	<p>33:23;38:6;42:11; 46:12</p> <p>down (18) 12:6;15:3;18:21; 19:9;23:12;25:9,10,13, 13,16,17;29:3;36:10, 14;37:13;44:5;47:22; 49:4</p> <p>dozen (2) 14:25;17:10</p> <p>drag (1) 36:3</p> <p>Drain (2) 25:1;28:5</p> <p>drive (3) 36:14;44:3;47:23</p> <p>driving (1) 36:14</p> <p>due (1) 38:2</p> <p>dumped (1) 28:21</p> <p>duration (1) 11:10</p> <p>during (3) 8:4;13:13;32:2</p> <p>Duwayne (4) 42:8,8,20;43:9</p> <p>Dylan (1) 47:9</p>	<p>EK (26) 3:1,5;10:15;13:16, 18;16:20,24;17:18; 20:11;21:17;24:17; 27:16,18;29:8;30:8; 37:4;39:7;41:16;42:4, 19;44:13;45:1,4,15; 47:14;49:14</p> <p>electing (1) 43:11</p> <p>electricity (5) 8:9;19:21;20:2,24; 39:5</p> <p>electronic (1) 5:11</p> <p>eliminated (1) 17:16</p> <p>Ellingson's (1) 47:12</p> <p>else (1) 34:20</p> <p>emissions (3) 8:15,18,21</p> <p>employing (1) 16:5</p> <p>encourage (2) 16:14;40:23</p> <p>end (5) 3:15;10:2;13:21,22; 23:11</p> <p>ending (1) 11:11</p> <p>Energy (20) 3:3,11;4:3;5:5,21; 7:16;8:8,11,11;9:12; 17:23;18:19,20,23; 21:19;22:3;23:4,8; 33:19;34:17</p> <p>Engineers (2) 15:22;48:16</p> <p>engines (1) 20:4</p> <p>enjoy (1) 46:25</p> <p>enough (4) 7:12;15:20;20:5,8</p> <p>ensuring (1) 28:2</p> <p>entails (2) 4:6,7</p> <p>enter (1) 32:24</p> <p>entertain (1) 8:3</p> <p>entirely (1) 12:16</p> <p>entity (1) 29:17</p> <p>environmental (2) 5:7;14:8</p> <p>environmental-type (1) 3:9</p> <p>equipment (7)</p>	<p>4:18;12:4,4;15:23; 29:5,16;38:3</p> <p>equipping (1) 24:10</p> <p>erected (1) 35:25</p> <p>especially (3) 11:18;19:22;26:18</p> <p>evaluate (1) 18:5</p> <p>even (9) 9:15;13:8;17:9;18:2; 21:24,24;25:25;37:20; 43:19</p> <p>everybody (6) 26:25,25;38:25;39:3; 43:5;49:6</p> <p>everybody's (1) 43:1</p> <p>everyone (1) 7:11</p> <p>exactly (4) 39:20,24;40:6;44:17</p> <p>excerpt (1) 37:18</p> <p>excuse (2) 8:19;44:17</p> <p>existing (12) 3:4,17;4:9,14;5:2; 9:1,22;11:21;22:4; 37:17;38:22;41:6</p> <p>exists (1) 38:20</p> <p>expect (3) 28:7;31:14;37:13</p> <p>expected (2) 7:2;20:17</p> <p>explained (1) 4:6</p> <p>explains (1) 7:7</p> <p>extend (3) 4:4;19:5,6</p> <p>extending (2) 18:23;41:4</p> <p>extra (2) 21:13;38:2</p>	<p>fairly (3) 39:25;40:1,6</p> <p>family-sustaining (1) 16:5</p> <p>far (12) 17:14;19:16;20:2; 27:8,10;28:23,24;29:6, 6;30:16;46:7;47:19</p> <p>Farm (13) 8:17;9:3,14,22;10:1, 21;18:24;19:1;21:4; 29:13;35:24;43:19; 46:17</p> <p>farmers (2) 38:25;43:10</p> <p>farmland (1) 39:1</p> <p>farms (5) 9:1;11:1,2;16:13; 29:24</p> <p>federally (1) 47:18</p> <p>feel (3) 7:12;23:17;41:22</p> <p>feet (1) 31:5</p> <p>felt (1) 48:21</p> <p>fences (2) 28:5;41:13</p> <p>few (3) 7:7;14:16;26:1</p> <p>field (2) 26:4;46:24</p> <p>fields (2) 11:23;48:15</p> <p>file (1) 6:25</p> <p>filed (1) 38:12</p> <p>filings (2) 6:23;44:20</p> <p>finally (2) 24:7;42:12</p> <p>find (2) 24:1,2</p> <p>fine (4) 10:16;30:25;31:1; 40:1</p> <p>first (13) 14:24;15:6,17;18:12; 27:22;28:23;35:9;43:5, 9,18;47:3;49:10,12</p> <p>five (4) 15:9;22:22;29:3; 43:12</p> <p>fix (2) 30:20;31:18</p> <p>fixed (1) 39:14</p> <p>fixing (1) 26:12</p> <p>fleet (1)</p>
	E			
	<p>earlier (1) 25:14</p> <p>ease (1) 29:15</p> <p>easily (1) 30:19</p> <p>east (1) 36:6</p> <p>easy (1) 40:6</p> <p>economic (2) 17:24;18:2</p> <p>edge (2) 30:17;48:2</p> <p>eDockets (1) 5:12</p> <p>educate (1) 47:21</p> <p>efficiency (6) 8:11;9:12;17:23; 21:19,21;39:4</p> <p>efficient (1) 5:8</p> <p>efficiently (1) 22:2</p> <p>eight (2) 8:8;11:10</p> <p>either (4) 10:12;12:14;13:12; 16:6</p>			
			F	
			<p>FAA (1) 10:25</p> <p>facilities (1) 20:20</p> <p>facility (7) 3:4,18;4:2,4,22,24; 22:14</p> <p>facility's (1) 3:21</p> <p>fact (1) 31:2</p> <p>factor (1) 39:19</p>	

<p>8:16 focus (1) 39:6 focused (1) 28:1 folks (11) 11:2;14:17,21;15:9; 19:4;24:18;42:5;44:16; 46:1;47:15;49:15 follow (2) 44:1;49:4 follows (1) 6:6 footprint (4) 12:9;26:22;27:3; 29:13 foresee (1) 14:6 forget (1) 15:6 Forgive (1) 18:16 formal (2) 7:21;8:4 forth (1) 14:2 forward (2) 39:19;46:23 found (2) 11:2;43:7 foundation (4) 12:3,8,20,22 foundations (1) 4:16 four (2) 9:1;29:3 fourteen (1) 15:24 frankly (1) 49:9 free (1) 8:22 Freeborn (1) 29:13 frequently (1) 48:13 friend (1) 43:8 front (3) 13:25;15:15;49:23 fuel (2) 20:6,6 full (2) 25:8;26:13 fully (2) 10:2;25:9 funds (1) 34:2 further (2) 9:5;40:18 future (2) 8:15;20:16</p>	<p style="text-align: center;">G</p> <p>gain (2) 21:12,21 gained (1) 17:23 gas (5) 8:10;20:4,4,8,23 gearboxes (1) 29:6 general (3) 5:9;14:7;38:8 generally (1) 32:13 generate (3) 20:7;22:16,20 generating (2) 20:20;21:24 generation (1) 8:16 generators (1) 34:6 gentleman (1) 39:10 gets (1) 37:2 given (1) 21:19 gives (1) 5:15 giving (1) 16:6 glad (1) 26:18 Glenville (1) 29:12 goal (2) 8:20;16:12 goes (5) 5:14;29:7;36:18; 45:18;49:13 gonna (25) 7:24;17:12;19:21; 20:20;22:21;24:25,25; 25:3,4,5;26:22;27:5,7; 29:19;30:6;32:8;35:16; 39:12,17,24;40:2,7; 42:25;46:9;48:6 good (15) 5:22;9:19;11:8;19:4; 24:23;34:13;41:13,13; 42:2,17;47:1,2,8;50:2,3 gotta (3) 24:3,5;43:21 government (3) 9:18;35:6;37:24 grab (2) 13:25;49:21 grader (1) 30:25 grant (1) 45:17</p>	<p>graphic (1) 10:8 gravel (9) 30:14,16,18,20; 36:16;42:24;43:4; 47:21,23 great (4) 28:13;29:17;39:15, 16 greater (2) 21:21;31:21 grid (3) 4:23;20:24;21:13 ground (1) 36:11 group (1) 26:20 guarantee (1) 36:19 guess (10) 3:24;15:16;16:20; 17:14;19:11;20:2; 23:16;24:22;29:20; 35:21 guy (1) 39:11 guys (5) 30:4;31:18;42:23; 43:11,16</p> <p style="text-align: center;">H</p> <p>HAHN (7) 21:8,8;22:5;23:16; 46:6,6,16 H-A-H-N (1) 21:9 half (2) 15:24;17:10 hand (2) 7:13;15:1 handling (1) 35:20 handpick (1) 26:8 hands (1) 16:21 handy (1) 13:4 hang (1) 8:2 Hanson (1) 36:2 happen (2) 12:7;14:23 happened (1) 28:14 happening (1) 46:3 happens (3) 7:22;9:7;39:9 happy (10) 8:3;11:4,6;13:11;</p>	<p>30:3;32:6;40:18;41:8; 42:3;47:5 hard (2) 7:19;34:11 harder (2) 23:25;24:2 head (3) 7:8;18:8;20:19 hear (4) 7:11,13;37:5;45:24 heard (6) 7:2;30:5;38:8;44:14; 49:10,11 heart (1) 28:17 heat (1) 20:8 heavy (5) 15:23;24:25;27:6; 29:16;48:2 Hello (1) 3:1 help (7) 3:8;23:1;26:3;28:9; 35:22;42:15;50:1 helped (1) 38:20 helpful (1) 14:14 helps (3) 14:5,12;49:10 Henry (1) 49:4 here's (4) 13:11;15:13;31:18; 37:16 hey (1) 34:10 high (2) 19:21;25:7 HOGG (9) 22:12,12;23:20; 24:12,15;25:2;27:9,13; 47:6 H-O-G-G (1) 22:12 hogging (1) 26:16 hoot (1) 27:3 hope (4) 19:3;32:1;39:2; 40:15 hopefully (3) 24:8;28:16;38:21 hoping (1) 29:4 horror (1) 30:5 host (1) 40:11 Houg (2) 29:11,11</p>	<p>H-O-U-G (1) 29:12 hour (2) 36:15,17 hub (2) 11:16;12:17 human (1) 14:7</p> <p style="text-align: center;">I</p> <p>idea (2) 11:24;48:10 identify (1) 14:6 idle (5) 17:9;22:6;23:19,21, 21 ignored (1) 31:6 imagine (1) 37:9 immediately (1) 12:2 impact (2) 26:4;41:6 impacted (1) 25:8 impacts (4) 5:16,17;14:6,8 important (8) 6:3,10;8:17;10:17; 18:20;27:21;28:11; 46:1 importantly (2) 10:13;11:17 impossible (1) 19:23 impressed (1) 49:9 improve (3) 4:3;9:16;30:21 include (1) 38:10 income (1) 42:14 increase (4) 4:20;9:12;17:22; 18:12 increasing (3) 10:11;17:5;21:23 incremental (2) 18:3,11 incur (1) 33:13 individual (4) 19:8;41:18;45:21; 48:14 individuals (1) 45:22 industry (4) 3:25;16:7,8;23:7 inflation's (1)</p>
--	--	--	--	--

40:5 info (1) 49:23 information (20) 5:12,15:6:5,12,17, 19:7:1;12:25;13:4,7, 11,21,23;14:1;15:3,14, 15;19:12;44:18;45:19 initial (1) 42:9 innovative (1) 8:12 in-person (1) 6:12 inside (1) 4:13 in-slope (2) 31:5,9 install (2) 10:20;11:16 installation (1) 11:14 instead (2) 12:13;42:23 integrity (5) 30:14,19,21;31:19; 33:6 intend (2) 10:20;11:11 interaction (1) 37:15 interconnect (4) 22:1,14,21,25 interconnection (1) 4:21 interest (2) 31:11;33:4 interested (1) 7:19 interject (2) 23:13;46:2 interjects (1) 4:22 International (1) 15:22 intersection (1) 31:5 intersections (1) 31:2 into (20) 4:5,22,25;6:3,23;7:8; 9:22;13:19;14:16; 21:13;32:24;36:11; 39:17;40:19;41:18; 42:23;43:11;44:19,20; 46:2 investment (1) 33:8 invite (1) 13:9 involve (1) 34:6 involved (2)	38:11,18 issue (2) 32:9;47:7 issued (1) 3:18 issues (2) 43:25;48:7 J jet (2) 20:3,6 JIM (7) 21:8,8;22:5;23:16; 46:6,6,16 job (2) 16:16;39:4 jobs (2) 29:19,22 John (1) 49:3 jurisdiction (1) 37:24 K keep (2) 11:8;16:14 kilograms (1) 24:5 Kind (10) 20:8;24:15;25:20; 32:17;35:20;39:22; 40:7;41:22;44:13; 48:18 knowledge (1) 48:18 KRIS (2) 29:11,11 K-R-I-S (1) 29:12 L labor (1) 16:15 land (3) 40:12,17;41:3 landowner (3) 9:18;28:7,10 landowners (5) 27:25;28:2;29:23; 30:2;48:14 Langan (25) 3:10;7:10,15;10:16; 13:17;17:17,19;21:15, 18;22:8;32:5,21;33:16; 34:7,12;40:9,14,23; 41:2,12,15;45:9,12; 48:12;49:5 language (3) 32:10;38:8,22 large (3)	5:5,21;31:23 last (13) 10:17;13:15;24:7; 26:7,20;28:12,23; 30:13;31:16;37:6; 38:21,24;49:7 LAVONNE (8) 42:20;44:11,11,24; 45:2,6,11,13 L-A-V-O-N-N-E (1) 44:12 law (1) 36:17 lawsuits (1) 43:15 lawyer (2) 36:19;43:15 lawyers (1) 43:13 leader (1) 8:10 leading (2) 13:14,19 leaking (1) 29:1 learning (2) 38:25;39:2 leave (2) 13:21;22:5 leaving (2) 19:20;31:16 left (1) 47:8 legal (1) 36:15 lengthen (1) 9:13 less (2) 29:19;30:16 levels (1) 8:19 liability (2) 31:7;36:13 lies (1) 32:18 life (5) 4:4;9:14;17:25; 18:24;19:6 light (2) 10:18;43:6 lighting (2) 10:22,25 lights (3) 10:22,24;11:3 limit (3) 15:8;23:14;36:15 limited (1) 21:25 lines (5) 22:19;42:11;44:2; 46:18,25 list (1) 14:22	listening (1) 44:22 little (9) 8:7;23:22;25:6,21; 28:16;30:6;31:8;37:20; 39:10 live (3) 15:25;29:12;42:13 living (1) 42:14 load (4) 20:24;25:25;30:15; 47:24 local (12) 9:18;15:22;16:15,15; 28:1;29:15,19;35:5; 44:7;46:8,14;48:18 locals (1) 30:6 location (1) 12:21 locations (3) 4:15,19;48:15 long (6) 12:13,14;15:12;25:2; 26:11;44:12 longer (2) 9:15;18:2 longevity (1) 28:24 look (5) 5:5,15;8:1;19:11; 47:10 looked (1) 25:20 looking (6) 7:19;18:25;22:23; 35:23;36:1;46:22 looks (4) 5:4;11:25;14:3,20 lose (1) 22:18 loses (1) 36:17 losing (1) 22:23 losses (1) 22:18 lot (28) 15:9;17:4,6,8;19:19; 20:1,10,13;22:18; 26:21,25;27:7;28:19, 25;29:5,19,19;30:6; 32:14;34:14;43:24,25; 44:6;47:17;48:3,5,23, 23 loud (2) 15:20;29:10 loudly (2) 15:7;24:20 low (1) 40:5 low-wind (1)	23:2 loyalty (1) 39:14 M machine (1) 22:15 mailing (1) 14:22 main (5) 25:22;26:1;28:22; 42:22;46:17 mains (3) 25:25;48:4,6 maintain (3) 31:24;34:11;36:21 maintenance (2) 32:2;38:1 makes (4) 18:19;20:13;23:8,17 making (3) 39:4;48:8,24 managers (3) 46:12,14;48:16 many (2) 24:5;34:6 map (1) 8:2 maps (1) 7:20 March (1) 37:2 MASCHING (7) 30:9,10;33:8,22; 34:8;35:23;38:24 M-A-S-C-H-I-N-G (1) 30:10 matched (1) 24:4 Matt (34) 3:10,12;4:5,24;7:7, 10,15;10:16;13:17,18, 19,22;17:17,19;21:15, 18;22:8;25:14;32:5,21; 33:16;34:7,12;40:9,14, 23;41:2,12,15;45:9,12; 48:12;49:5,17 matter (3) 27:3;28:5;30:11 max (2) 22:13;40:2 maximize (1) 4:3 maximum (3) 12:1,7;21:25 may (2) 3:15;28:13 maybe (5) 7:12;18:15;36:5; 39:25;47:17 mean (10) 10:9;19:17;21:6;
--	--	---	---	---

<p>25:2,3;27:11,25;36:10; 40:6;42:2 means (2) 10:7,22 meant (1) 43:19 measures (2) 5:16;33:6 mechanical (3) 4:8,13,18 mechanics (1) 21:4 meet (1) 19:23 meeting (6) 6:7,12;37:2;47:7; 49:17;50:4 meetings (4) 6:17;27:4;44:17,23 megawatt (2) 17:22;40:4 megawatts (12) 4:20,23;9:25;10:6; 22:15,17,17,20,22; 23:10,10,13 members (3) 15:24;16:3;22:9 mentioned (2) 25:14;32:16 met (3) 39:10;43:12,13 meters (4) 10:12,12;12:13,14 microphone (1) 7:11 might (6) 15:11;19:10,24; 32:20;35:6;37:20 Mike (1) 36:2 mile (3) 31:21;36:8,9 miles (4) 16:1;31:19;36:15,17 million (2) 8:9,10 millions (1) 27:12 mind (9) 8:6;16:16;27:22; 29:15;40:24;41:7; 47:13;49:20;50:1 minimize (2) 26:4;48:19 Minnesota (3) 9:2;15:25;18:18 minor (1) 11:13 minutes (3) 14:16;15:9;20:7 mitigate (1) 5:17 mitigated (1)</p>	<p>14:9 model (1) 9:23 models (3) 9:24;10:5,18 modify (1) 5:24 money (4) 9:11;31:18,23;43:7 month (1) 6:21 months (4) 11:10;17:11;23:2,3 more (30) 4:5,25;5:12;7:7,8;4; 11:6;14:25;17:7;18:20; 19:15,16;21:22;22:1,2, 6;23:4,8;25:17,25; 26:6,8,12;30:20;39:12, 18;42:10;43:7;46:4,23; 49:14 most (4) 6:2,10;17:15;35:22 motivating (1) 49:12 move (5) 3:7;4:15;5:13;12:12, 22 moving (1) 25:12 Mower (5) 30:23;32:16;35:13; 36:2;45:14 much (5) 4:25;31:21;39:4; 43:23;48:3 multiple (1) 9:9 must (1) 5:15 myself (1) 20:18</p>	<p>N-A-T-H-A-N (1) 15:21 nation (1) 8:9 natural (5) 8:10;20:4,4,8,22 navigation (1) 10:24 need (7) 18:21,21;22:6;38:15; 47:20;49:1,2 needed (1) 20:25 needs (2) 9:6;28:6 negotiates (1) 34:15 negotiation (1) 35:4 neighbors (1) 41:14 new (10) 11:16;12:5,16;18:1; 21:19,20,20;22:3; 45:11,12 Next (10) 6:21;8:5,13,23;9:20; 10:4;11:23;12:10,24; 25:18 nice (2) 39:11;42:16 nights (1) 6:18 none (2) 4:9,15 northern (1) 9:2 nothing's (1) 6:16 notice (2) 13:24;49:22 noticed (1) 17:9 notify (1) 38:4 November (1) 3:22 number (2) 11:1;17:21 numbers (5) 8:22;10:7;17:22; 18:10;22:23</p>	<p>off (9) 8:21;10:22;18:8; 20:23;30:24;32:17; 36:5,25;49:18 often (1) 33:5 oil (1) 29:3 old (1) 12:5 older (1) 23:25 once (3) 3:20,20;25:16 one (30) 6:13;9:3,7;10:14,17; 11:23;12:10,24;14:20, 20;15:1;17:7,21;19:15, 16;24:7;27:21,25;34:5; 36:7;40:10;43:9,12; 45:11,12;46:17;47:12, 23;48:7,12 ones (7) 26:19;43:5;44:7; 45:6;47:20;49:1,2 online (2) 6:13,16 only (10) 11:3,20;14:24;15:17; 17:5,5;23:13;36:24; 43:15;48:14 onto (1) 23:13 open (1) 16:21 operated (1) 30:25 operating (6) 9:15;15:22;17:25; 19:3,6,14 operation (2) 3:21;9:22 operational (1) 10:2 operations (2) 46:12,13 operator (2) 15:23;29:16 opinion (2) 26:17,18 opportunity (2) 16:6,19 opposed (2) 24:24;26:7 order (1) 11:15 original (4) 24:24;26:2;27:2; 35:25 originally (2) 3:19;35:24 Others (1) 4:12</p>	<p>ours (1) 46:19 ourselves (1) 46:2 out (32) 3:11;5:25;6:3;13:24; 14:9;16:13;17:7;18:11; 20:10,16;25:7,25;26:9, 22;27:11;29:24;30:3, 17;31:3,11;33:9;36:3; 37:17;38:19;40:2,6; 42:13;45:23;47:20; 48:11;49:3;50:1 outer (1) 30:17 outfit (1) 24:24 outlay (1) 3:13 output (2) 21:24;22:13 over (16) 13:9;17:23,24;22:15; 23:14;24:4;28:10,20; 29:12,21;32:15;37:24; 44:5;46:18,24;47:4 overproduce (1) 23:9 overrun (1) 22:19 overweight (1) 25:11 own (1) 46:10</p>
				P
				<p>paid (2) 31:16;40:7 papers (1) 44:20 part (13) 6:3,10;7:16;8:17,24; 12:19;19:16,17;32:22; 34:25;35:4;38:11; 40:10 participate (2) 6:15,16 particular (1) 8:2 parties (1) 33:4 partnership (1) 19:7 parts (1) 4:12 party (1) 36:20 past (2) 30:4;41:5 pathetic (1) 26:20 pay (4)</p>

<p>33:14,25;43:14;44:4 paying (1) 42:15 payment (3) 39:14,15;40:20 payments (2) 9:18,18 peaker (1) 20:22 peanuts (1) 31:22 people (12) 16:5;19:19;26:21; 27:24;30:1;39:3;41:21; 43:9,18;44:8;47:18; 48:23 people's (1) 29:14 per (5) 17:5;18:3,11;32:8; 40:3 percent (8) 8:19,21,22;21:10,13; 39:12,18;43:3 perfect (1) 30:1 perform (2) 32:2;39:23 period (5) 6:6,20,25;32:3;49:21 permit (21) 3:19,19,24;5:2,19,21, 24,25;7:4;9:7;14:11; 16:18;28:2;32:9,22; 37:17;38:20;40:19,21; 41:6;45:23 permits (3) 27:19,20;28:4 permitted (1) 4:24 permittee (2) 37:21;38:3 person (6) 6:15;14:20,23;15:1, 17,17 physically (1) 36:3 pick (3) 3:12;13:5;29:21 piece (1) 12:17 pitch (1) 24:6 place (6) 5:24;20:21;35:9,24; 42:14;47:20 placed (1) 12:16 places (1) 31:4 plan (2) 9:4;20:15 planetaries (1)</p>	<p>29:1 plank (1) 27:5 plans (1) 20:3 plants (5) 17:16;18:17;19:18, 20;20:22 players (1) 38:11 Pleasant (9) 3:2,4,18;7:17;8:16; 9:3;18:24;41:9;45:10 please (4) 8:13,23;29:10;41:7 plenty (1) 15:10 plural (1) 17:20 pm (1) 50:4 point (12) 4:21;10:3;18:7,8; 22:1,21,24;32:19; 37:16;38:19;39:19; 48:17 points (2) 20:11,12 policies (1) 20:16 portion (1) 8:4 possibly (1) 25:23 posted (1) 36:16 post-meeting (2) 6:22;44:19 potential (4) 5:16;16:15;21:10; 25:7 pounds (2) 25:12;30:16 power (2) 4:22;17:7 preparation (1) 11:12 presentation (8) 3:12,16;7:22;11:5; 13:6,22,23;49:22 preservation (1) 5:7 pretty (2) 11:1;16:4 prevent (1) 26:4 previous (1) 40:3 prior (6) 31:13,15;37:2,22; 46:22;47:3 priority (1) 18:25</p>	<p>probably (6) 6:2;15:19;20:7; 24:22;26:17;35:22 problems (9) 19:19;28:7;37:5; 44:6;45:24,25;46:3; 47:17;48:22 process (11) 3:13,14;6:1,3,10; 11:9;13:9,13;37:21; 38:25;39:2 produce (1) 23:4 produced (3) 9:12,13;24:2 producing (4) 22:2;23:8;39:5; 46:21 production (3) 4:20;46:20;47:1 professionally (1) 33:10 program (1) 34:4 progression (1) 8:24 project (24) 3:3,13;7:7,16,17; 9:19,24;11:17,19;14:7; 16:1,3,10;22:9;25:21; 26:7;27:23,24;34:20; 37:25;38:3;41:23; 45:18;49:19 projects (6) 3:10;5:1;18:19,23; 29:18;38:7 project's (1) 6:5 property (3) 14:7;41:23;42:10 proposal (8) 5:3;7:18;9:4,10; 10:1;18:6,15,16 proposed (2) 7:5,17 proposing (1) 17:25 prorate (1) 17:24 protect (2) 33:15;34:11 proven (1) 16:4 provide (4) 6:4;19:1,12;22:10 provided (2) 18:9;29:18 provides (1) 49:23 Public (5) 3:6;6:12;8:25;11:20; 18:4 purpose (1)</p>	<p>20:9 pushed (1) 36:10 put (17) 10:25;13:20;14:22; 26:22,22;29:14,14; 30:15;33:1;43:20;44:3, 19,19,20;46:18;47:3; 49:3 puts (1) 31:6 putting (5) 29:4;36:11;37:7; 43:3;49:25</p>	<p>receive (1) 32:19 recently (1) 29:14 recommend (1) 35:12 recommendation (1) 35:21 recommended (1) 44:1 record (4) 13:3;16:5;44:18; 49:18 recorded (1) 7:23 records (1) 46:20 reduce (3) 8:15,18,20 reduction (4) 8:11;16:12;17:15; 29:2 reference (1) 31:14 reflect (1) 5:3 region (1) 9:2 regrade (1) 31:21 REID (10) 24:21,22;39:8,8; 40:13,22;41:1,9,13; 42:1 R-E-I-D (1) 24:22 reimburse (1) 34:3 reinforce (1) 49:11 relationship (1) 19:4 remain (3) 4:17,23;12:21 remind (2) 15:6,7 remove (1) 11:15 removed (2) 31:3;47:19 renewable (2) 18:19,22 repair (4) 17:4;31:2;36:11; 38:1 repairs (2) 26:10;47:10 replace (2) 4:12;18:22 replaced (3) 12:15,18;28:6 replacement (1) 4:11</p>
Q				
<p>question's (1) 24:22 queue (1) 15:12 quick (1) 8:7 quiet (1) 7:14 quite (1) 25:10 quote (1) 39:5</p>				
R				
<p>radius (3) 10:12;12:1,7 raise (1) 7:13 raised (1) 6:24 ramp (1) 25:24 RANDY (13) 16:23;17:2,2;19:15; 23:17;24:10,14;26:15; 27:10,17;28:18;47:16; 48:20 ratcheting (1) 40:5 rather (1) 32:3 Reach (1) 45:23 realize (1) 27:6 really (19) 5:2;6:2;8:17;11:2, 14;13:7,9;16:8;17:23; 19:1;21:9;23:1,5; 24:23;27:20;28:10; 29:21;43:21;50:3 reason (2) 14:15;44:22 reasonable (3) 34:17,19,23</p>				

<p>replacing (3) 4:7,17;21:4</p> <p>reporter (5) 7:23;15:2,7;17:1; 44:10</p> <p>repower (7) 3:3,3,25;7:17;9:1; 12:19;41:5</p> <p>repowered (5) 9:25;10:2,10,20;22:3</p> <p>repowering (1) 4:2</p> <p>represent (1) 35:16</p> <p>representative (1) 40:17</p> <p>represents (1) 15:24</p> <p>request (2) 5:23;38:5</p> <p>requested (2) 14:11;16:18</p> <p>require (2) 20:16;28:4</p> <p>RES (4) 26:1,1,43;13;45:3</p> <p>resident (1) 30:23</p> <p>resources (1) 5:9</p> <p>responsibility (3) 32:18;34:1;36:24</p> <p>responsible (3) 29:21;33:19;36:20</p> <p>responsive (1) 26:12</p> <p>restoration (2) 8:12;46:7</p> <p>result (1) 4:19</p> <p>retired (1) 42:13</p> <p>review (4) 3:13,14;5:11;13:13</p> <p>Rich (6) 3:7;7:18;32:8;35:11; 44:19;45:20</p> <p>rid (1) 20:19</p> <p>right (27) 10:12;12:17;13:6; 17:21;18:10,14,16,21; 20:3;21:1,19,22;22:13, 14,16,17;23:2;25:12; 26:11;29:25;33:4; 37:17;39:7;40:14,22; 42:4;49:16</p> <p>road (32) 25:6,13,13,15,16,23; 30:16,18,19,21,21; 31:19,21,25;33:3,6,24; 35:2;36:10,12,14,16; 38:9,12;46:18;47:3,3,</p>	<p>22,23,24;48:2,4</p> <p>road-development (1) 32:24</p> <p>roads (25) 11:20,21;25:4,9,17; 30:14,24;31:1,12; 34:19;35:1,7,8;36:4,7, 21;37:22,25;38:1;39:1; 42:22;43:1,4;46:23,24</p> <p>road's (1) 33:6</p> <p>road-use (6) 32:6,11,24;34:15; 35:1,15</p> <p>roadway (2) 31:4;48:16</p> <p>roadways (1) 33:20</p> <p>rock (3) 36:12;42:24;43:4</p> <p>rollover (1) 31:8</p> <p>RON (7) 30:9,9;33:8,22;34:8; 35:23;38:24</p> <p>R-O-N (1) 30:10</p> <p>room (2) 7:12;49:7</p> <p>rotor (3) 10:7,9,11</p> <p>rubber (1) 30:12</p> <p>rubber-tire (1) 11:19</p> <p>run (3) 17:11;23:11;41:5</p> <p>Runke (3) 15:18,19,21</p> <p>R-U-N-K-E (1) 15:21</p> <p>running (7) 17:9;20:4;24:9;29:3; 48:1,4,5</p> <p>runs (1) 25:1</p>	<p>saying (6) 19:24;26:22;27:5; 38:6;48:21,25</p> <p>SCOTT (31) 3:1,5;7:10;8:5; 10:15;11:8;12:10,24; 13:16,18;16:20,24; 17:18;20:11;21:17; 24:17;27:16,18;29:8; 30:8;37:4;39:7;41:16; 42:4,19;44:13;45:1,4, 15;47:14;49:14</p> <p>Scott's (1) 13:3</p> <p>scratch (1) 20:19</p> <p>second (3) 5:20;18:14;23:4</p> <p>Section (1) 37:18</p> <p>seems (8) 17:3,6;18:3;34:17, 19,23;39:25;40:1</p> <p>semitrailer (1) 25:11</p> <p>send (1) 14:2</p> <p>sense (4) 5:9;20:13;23:9; 28:18</p> <p>sent (1) 13:24</p> <p>service (3) 4:4;8:8;18:24</p> <p>set (3) 12:3;25:16,18</p> <p>seven (2) 19:3;23:23</p> <p>several (1) 29:24</p> <p>severe (1) 31:6</p> <p>shall (2) 37:22;38:4</p> <p>sheet (1) 39:11</p> <p>sheets (1) 14:19</p> <p>Sherco (1) 18:18</p> <p>shipped (1) 24:3</p> <p>short (3) 25:3;26:11;31:8</p> <p>show (4) 10:8;16:21;36:4; 46:20</p> <p>shown (1) 33:12</p> <p>shut (2) 19:9;23:12</p> <p>shutter (1) 18:17</p>	<p>side (4) 8:1;39:24;41:17; 47:23</p> <p>sides (1) 10:13</p> <p>sign (6) 14:19;30:24;36:5,25; 39:9,23</p> <p>signed (3) 14:21,24;15:18</p> <p>sign-in (1) 14:18</p> <p>signing (2) 32:16;41:21</p> <p>simple (1) 30:20</p> <p>single (1) 35:2</p> <p>site (10) 3:24;5:21;9:7;11:12; 14:11;16:18;32:9,22; 40:19,21</p> <p>sitting (1) 17:8</p> <p>situation (1) 27:15</p> <p>situations (2) 28:19;48:17</p> <p>six (2) 11:10;22:22</p> <p>SKOV (10) 42:8,9,20;44:11,11, 24;45:2,6,11,13</p> <p>S-K-O-V (2) 42:9;44:12</p> <p>slide (7) 8:6,13,23;9:20; 13:15,20;15:13</p> <p>slides (2) 7:7;10:4</p> <p>slightest (1) 48:10</p> <p>smaller (1) 47:10</p> <p>snapshot (1) 33:2</p> <p>sole (1) 45:4</p> <p>somebody (3) 31:7;36:14,17</p> <p>someone (1) 37:8</p> <p>sometimes (2) 15:8;32:13</p> <p>somewhere (1) 38:13</p> <p>sorry (5) 10:13,15;19:9;37:5; 45:1</p> <p>sort (1) 40:21</p> <p>sounds (4) 28:13,15;39:16;</p>	<p>44:15</p> <p>southern (1) 29:20</p> <p>span (1) 9:15</p> <p>speak (12) 8:4;14:21,24;15:7, 18;16:2,19;24:19; 29:10;40:18,25;41:8</p> <p>specific (1) 47:7</p> <p>specify (1) 35:19</p> <p>speed (1) 36:15</p> <p>spell (5) 15:5;16:25;29:9; 40:6;42:6</p> <p>spend (2) 23:8;34:14</p> <p>spot (1) 27:2</p> <p>spots (1) 25:6</p> <p>spread (1) 25:24</p> <p>spring (1) 11:11</p> <p>stage (3) 12:3,4,5</p> <p>stand (3) 23:19;34:10;36:13</p> <p>standard (1) 11:1</p> <p>standing (2) 23:21,21</p> <p>stands (1) 22:6</p> <p>start (6) 3:11;11:11;17:11,12; 20:5,6</p> <p>started (2) 37:3;43:18</p> <p>starting (1) 11:15</p> <p>starts (2) 31:13;33:7</p> <p>state (12) 13:4,13;15:5;16:25; 18:18;22:10;29:9; 36:17;37:23;42:6; 47:18;48:24</p> <p>states (3) 8:8;20:1;29:20</p> <p>static (1) 10:18</p> <p>stating (1) 39:24</p> <p>stay (1) 25:4</p> <p>step (2) 28:9;46:1</p> <p>stick (4)</p>
	S			
	<p>safe (2) 10:19,24</p> <p>same (4) 6:17;12:21,21;24:6</p> <p>Sargeant (2) 36:6,8</p> <p>satisfaction (1) 38:17</p> <p>satisfactory (1) 37:22</p> <p>save (1) 9:10</p> <p>saved (1) 43:7</p>			

7:24;40:24;41:7; 49:18 still (8) 4:23;25:12;46:16,19, 20,21;47:2,9 stories (1) 30:5 storm (2) 8:12;23:24 story (4) 25:2;26:11;49:7,8 straightened (1) 42:13 straightforward (1) 40:2 stress (1) 45:19 strongly (1) 16:11 structure (1) 4:8 structured (1) 41:19 stuff (11) 19:18,19;26:10,23; 27:5;29:2,3;32:17; 43:20;48:6;50:3 subject (2) 38:1;40:21 subjects (1) 44:15 submit (2) 13:2,2 substantial (1) 18:1 sum (1) 31:23 summer (2) 23:2,2 support (2) 16:2,12 suppose (1) 3:7 supposed (4) 28:22;31:9;37:10,11 sure (9) 5:6;15:1;16:24; 24:21,21;33:16;43:21; 46:22;49:13 surrounding (1) 12:2 sustainable (1) 5:8 SWANSON (13) 16:23;17:2,2;19:15; 24:10,14;26:15;27:10, 16,17;28:18;47:16; 48:20 S-W-A-N-S-O-N (1) 17:3 switch (1) 20:8 sympathy (1)	28:19 system (8) 5:12,22;10:22,25; 11:6;23:13;27:7;46:15 systems (1) 5:5 T talk (1) 15:19 talked (4) 30:2;39:13;42:23; 43:10 talking (8) 9:8;15:13;20:22; 21:3;28:25;43:9,18,20 taping (1) 34:18 tax (3) 9:18;42:17,17 team (4) 7:16;22:9;25:21; 34:21 tear (1) 38:2 technical (1) 3:9 technically (1) 23:12 technology (5) 4:3;8:12;9:16;18:1; 21:11 telling (1) 43:16 term (1) 41:6 terminology (1) 12:12 terms (2) 19:8;32:6 territory (1) 8:8 Texas (1) 43:23 Thanks (9) 3:1;12:24;13:18; 17:19,20;34:13;41:2; 50:1,2 therefore (1) 21:23 thinking (2) 31:23;47:22 third (1) 18:15 thought (2) 43:20;46:8 thousand (1) 15:24 three (4) 9:2;17:10;31:25; 42:12 throwing (1)	31:22 Thursday (1) 24:8 tile (18) 25:1,1,3,7;26:5,8,12; 27:11,12;28:5;42:11; 44:1;46:14,18,25;47:8; 48:3,14 tiles (1) 46:7 tiling (5) 43:19,23,25;46:8,9 till (1) 11:15 times (2) 3:20;32:14 tired (1) 30:12 today (1) 44:21 together (1) 33:1 told (1) 49:8 TOM (1) 46:11 tomorrow (2) 6:13,14 tonight (17) 3:2;6:8,12,14,24; 7:20,22;9:9;14:15; 16:19;21:3,7;37:19; 40:17,21;44:14;49:20 tonight's (1) 6:2 took (1) 35:24 top (6) 4:8;18:8;23:11; 46:19,24;47:4 totally (3) 30:15;31:5,20 touch (2) 13:12;34:22 touched (1) 44:15 tower (5) 12:16,20,22;22:6; 25:19 town (1) 30:7 township (23) 30:14;31:1,6,11,17; 32:1;33:14;34:2,3,5; 35:2,12;36:1,6,9,13, 20;37:14,24;42:16,21; 43:2 townships (8) 32:15,25;34:6,10; 36:25;38:8,10;39:1 township's (2) 35:16;37:1 track (1)	16:4 tracks (1) 30:12 traffic (1) 33:21 transcript (2) 15:4;27:19 transportation (1) 38:2 travel (3) 11:20,22;25:8 travelers (1) 29:20 tried (3) 36:11,14;43:4 trouble (2) 42:10;49:25 true (1) 18:2 truly (1) 26:4 try (3) 19:12;29:10;32:4 trying (2) 19:25;46:11 turbine (23) 4:3,15,18;10:5; 11:23,25;12:2,5,6,8,16; 18:3,11;22:16,24;25:4, 9,13,15,15;40:11;41:3, 5 turbines (11) 4:9,10,14;9:17;10:3; 11:21;19:8,14;21:5; 22:3,4 turbines' (1) 18:11 turns (1) 20:23 two (1) 42:9 type (3) 18:19;37:15;48:16 U ultimately (2) 21:12;22:5 under (3) 25:22;46:18;48:4 understood (1) 34:12 unfortunate (1) 28:12 unfortunately (1) 20:14 unhappy (1) 41:10 Union (3) 15:22,23;16:15 unit (1) 35:5 United (1)	20:1 units (2) 18:17,22 unless (2) 10:23;35:15 unquote (1) 39:5 up (21) 3:12;7:3;13:5,14,21; 15:11,18;16:21;18:17; 24:3;29:14;30:6;34:9, 10;35:13;40:5;43:1,5, 24;46:23;49:17 upgrade (2) 4:19;5:16 upgrades (1) 5:3 upon (2) 38:5;49:9 urge (1) 16:17 use (12) 5:8,17;11:19;12:21; 18:20;20:22;34:19; 35:7,9;37:22;47:9,9 used (5) 35:1,3;36:7;37:25; 48:5 uses (1) 20:1 using (4) 12:11;27:7;35:8; 46:8 usually (3) 39:22;46:12,13 Utilities (3) 3:6;8:25;18:4 V V100 (2) 9:24;10:7 V110 (1) 10:6 V110s (1) 10:10 valid (3) 20:11,11;21:6 Valley (8) 3:2,4,18;7:17;8:16; 9:3;18:24;45:10 vehicle (1) 36:18 verbal (1) 6:8 Vestas (3) 9:23,23,24 video (2) 33:12,12 videotape (3) 31:12;33:9;34:9 videotaping (3) 33:5,10;34:1
---	---	--	--	---

vision (1) 8:14	windmill (1) 17:6	46:9;48:13,21	23:10,13	10:12,12;23:4;46:21; 47:2
W	windmills (3) 26:23;42:10,15	Xcel's (5) 4:6;5:3;24:23;28:14; 42:2	2005 (2) 8:20,21	50 (2) 12:13;16:1
wages (1) 16:6	winds (1) 23:5	Y	22:13	51 (1) 8:19
walked (1) 15:15	windshields (1) 43:1	year (2) 30:13;43:2	2010 (1) 3:19	55 (3) 12:14;36:15,17
walking (1) 11:22	winter (1) 11:12	years (7) 19:3;28:25;29:3; 31:25;42:12,21;43:2	2013 (1) 3:20	6
walls (1) 43:21	wish (1) 24:12	Yep (2) 27:9;41:15	2014 (2) 3:20;24:1	6-meter (1) 23:4
Waltham (5) 30:13;31:1,16;36:9, 19	within (8) 9:16,24;12:7;16:1; 18:18;21:20;24:5; 30:13	yield (1) 4:4	2015 (3) 3:22;9:22;24:1	7
warranted (1) 32:23	without (2) 22:23;39:23	Z	2020 (2) 8:17;9:5	7.8 (1) 37:18
way (8) 15:11;16:10;22:24; 29:4,7;44:4;49:11,12	wondering (4) 17:12;39:9,22;40:7	ZELLMER (1) 46:11	2022 (1) 3:5	7:21 (1) 50:4
wear (1) 38:2	word (1) 43:17	0	2024 (1) 11:13	8
weight (3) 24:4;30:11;47:25	work (12) 3:9;7:15;11:13;16:3, 11,14;17:6;21:9;23:17; 24:23;29:18;38:16	0.2 (1) 17:22	2025 (3) 10:1,3;11:11	8 (1) 31:19
weighted (1) 25:9	worked (2) 34:11;42:22	1	2030 (2) 8:20;19:24	8/16 (1) 6:11
welcome (2) 6:18;13:8	workers (1) 16:10	1 (1) 31:21	2050 (1) 8:22	8/17 (1) 6:11
weren't (1) 17:13	working (13) 16:8;17:13;19:4,9; 25:21;28:7;29:24;30:7; 35:14,17;42:1;44:25; 45:3	10 (4) 21:10,13;39:12,18	25 (3) 11:12,15;28:25	80 (1) 8:21
west (1) 29:24	works (1) 48:13	100 (7) 4:9,13;8:22;9:23,23; 18:11;34:5	25-year (1) 17:24	80,000 (2) 25:12;30:16
whatever's (2) 25:16;45:16	workspace (1) 11:25	100-meter (2) 10:7,9	3	800 (1) 15:25
what'll (1) 14:23	works (1) 48:13	110-meter (1) 10:11	3 (1) 31:5	
whatnot (4) 5:18;14:23;20:18; 37:6	workspace (1) 11:25	14 (1) 4:11	3.6 (1) 8:9	
what's (7) 7:1,5;10:21;20:20; 30:3;48:10,25	worst (1) 43:4	16th (1) 3:5	30 (3) 20:7;28:25;42:21	
whole (2) 21:5;39:6	worth (1) 18:6	18th (1) 23:22	31st (2) 6:7,20	
who's (1) 35:19	wrap (1) 49:17	2	320 (1) 36:8	
widened (1) 31:3	write (2) 6:8;39:17	2 (3) 8:10;22:17,19	35W (1) 47:22	
wider (1) 25:6	written (5) 6:6,9,19,25;49:21	2.0 (2) 9:25;22:15	4	
width (2) 30:17;48:3	wrong (2) 34:20,23	2.2 (4) 10:6;22:19,20;40:3	4 (1) 23:4	
willing (2) 30:24;33:13	X	2/10ths (1) 17:5	400-foot (2) 12:1,7	
win (1) 17:24	Xcel (39) 3:3,10,23;5:10,13; 6:25;7:15;8:7;13:7; 16:4;20:17,23;22:9; 26:18;28:19;29:17,25; 31:14;32:14;33:13,19; 34:2,4,17,20;35:14; 38:6,13,15,22;40:15; 44:21;45:3,4,8,22;	2/10th's (1) 17:7	4400 (1) 40:3	
Wind (25) 3:2,4,18;5:5,21;8:11, 16;9:1,3,14,16,22;10:1, 21;11:1;16:13;18:24; 19:1;21:4,22;29:13; 34:5;35:24;42:17,17		20 (2) 8:19;20:7	49 (2) 15:23;29:15	
		200 (6) 4:23;22:15,17,20;	4-inch (1) 36:12	
			5	
			5 (5)	