

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

PUBLIC INFORMATION MEETING - 09-553
Jackson, Minnesota - August 5, 2025 - 6:00 p.m.
BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

**In the Matter of the Site Permit for Elm Creek Wind II,
LLC, 150 MW Project in Martin and Jackson Counties**

MPUC DOCKET NO. IP-6728/WS-09-553

Meeting held at:
Jackson National Guard Armory
108 County Highway 51
Jackson, Minnesota

August 5, 2025

COURT REPORTER: Ruth Holdvogt, RPR

1	I N D E X	
2	SPEAKER	PAGE
3	Sam Lobby	3
4	Luke Schwitzer	8
5	Rich Davis	18
6	Nate Runke	25
7	Debra Ringkob	27
8	Lowell Gorden	29
9	Don Zebedee	35
10	Shane Meyer	38
11	Earl Cordes	41
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1 MR. SAM LOBBY: Good evening. Hello,
2 folks. Thanks very much for coming tonight. We
3 have a good turnout here, and we really appreciate
4 everybody coming and taking time out of your
5 evening. We know this is extra, to come and let us
6 know what you think about this, but we appreciate
7 your civic participation and being here for this
8 meeting.

9 So I am Sam Lobby. I'm with the State --
10 Minnesota Public Utilities Commission, so -- and my
11 role -- we are not for or against the project. We
12 are here because we want to make sure that folks on
13 the ground get a chance to tell us what you think
14 about the project. So we're independent from that,
15 as far as, you know, if we want it to be approved or
16 not. We're neutral in that case.

17 We want to hear from you. We have five
18 commissioners that will ultimately make a decision
19 if there is a site permit -- their amendment -- if
20 the site permit amendment is granted. And a big
21 factor in that is hearing from the public, the folks
22 that live in the area, so we really appreciate you
23 being here tonight.

24 I'm going to go over some slides here,
25 and then the applicant will talk -- will talk

1 about -- oh... Hello. Hello. There we go.

2 The applicant will talk about -- I'm not
3 hearing...

4 The applicant will talk about the project
5 itself. And then my counterpart over there, Rich
6 Davis, will talk a little bit about the review --
7 environmental review process.

8 So with that, again, I am Sam Lobby. I'm
9 going to cover the actual review process, as far as
10 the procedural side of things. Then the description
11 of the project will be coming from --

12 I'm sorry. Would it be easier if I
13 just -- can you hear me if I'm speaking?

14 COURT REPORTER: Let's try it.

15 MR. SAM LOBBY: Okay. Sounds good.

16 Sorry for the technical difficulties,
17 folks. I'll try and project loudly here.

18 So we have the applicants here that are
19 requesting to do a permit amendment. And then, as I
20 mentioned, Rich Davis will talk about the
21 environmental review process. And then from --
22 that'll -- we'll get through this in probably 20 to
23 30 minutes. And then the rest of it will be an
24 opportunity for questions and comments from you all.
25 So I won't get too deep into the background here.

1 Is this working for you?

2 COURT REPORTER: Yes.

3 MR. SAM LOBBY: Okay. I won't get too
4 deep into the background here, because the applicant
5 will talk more about that.

6 But the Elm Creek Wind II project was
7 originally granted a permit from the PUC on
8 February 25th, 2010. Then this April, on April 1st,
9 Elm Creek Wind submitted an application to repower
10 the wind facility and amend their site permit to
11 increase the facility's efficiency and energy
12 output, as well as to extend the permit term and
13 operational life of the facility.

14 The proposed changes will consist of
15 retrofitting existing equipment and will not include
16 changes to turbine locations, the MET tower, or the
17 substation. Requested changes include: replacing
18 rotors, replacing turbine nacelles and interior
19 elements, increasing the hub height of the existing
20 turbines from 78 to 86 meters, increasing the tip
21 height of the existing turbines from 127.5 to 146
22 meters, adjust turbine output for existing turbines
23 from 2.4 to 2.2 megawatts, and decrease the total
24 nameplate capacity below the permitted 150
25 megawatts.

1 So the Commission considerations -- if
2 you want to look into the legalese behind, kind of,
3 what is all the legislation -- the enabling
4 legislation, under Minnesota Statute 216F.03, the
5 siting of a large wind energy conversion system must
6 be done in an orderly manner, compatible with
7 environmental preservation, sustainable development,
8 and the efficient use of resources.

9 Minnesota Rule 7854.1300, Subp. 2,
10 provides that the Commission may amend a site permit
11 for a large wind energy conversion system at any
12 time if the Commission has good cause to do so. And
13 under Minnesota Statute 216F.04, the Commission may
14 place conditions in a permit and may deny, modify,
15 suspend, or revoke a permit.

16 So just to give you a sense of, kind of,
17 what to expect here and -- what's happened and what
18 to expect, the site permit was filed on April 1st.
19 And then Rich, with the environmental review team,
20 provided comments on application completeness and
21 provided a proposed draft site permit. That was on
22 June 20th of 2025.

23 Then, today and tomorrow -- we've got
24 today, of course, we're here at the in-person
25 meeting. Tomorrow we also have a virtual meeting.

1 It's going to be the exact same information covered;
2 you'll see the same thing. Sometimes folks do like
3 to come to that a second time, if you think of
4 something tonight and you want to let us know
5 tomorrow. But then there also is a written comment
6 period that goes through August 20th, so if you
7 think of something tomorrow and you're like, "I wish
8 I got that comment to them," you still have plenty
9 of time.

10 There is information -- we have some in
11 this -- in this slide deck that is up on the table;
12 it's also in the notice that -- information to get
13 you how to comment publicly if you would like to.

14 Then, once we are through the comment
15 period, Rich will provide more comments on the site
16 permit amendment and -- factoring in any comments
17 received. That will come out on September 5th of
18 2025. And then the Commission will consider the
19 site -- site permit amendment sometime at the end
20 of -- of the year, quarter 4 of 2025, at some point.

21 So -- and at that point, that's when the
22 commissioners will -- they do read all the public
23 comments. They read the transcripts. They really
24 care a lot about what the landowners on the ground
25 think. So your participating tonight, it isn't just

1 for -- it doesn't just, you know, go nowhere. You
2 will be listened to. So that is kind of what to
3 expect, timeline-wise.

4 And then, here is my contact information;
5 so that is in the slide deck when you pick that up.
6 You can reach out to me at any time. Even if it's
7 past August 20th, and you have questions or comments
8 or anything you want to say, you can reach out to me
9 and I can try to help you -- direct you to where you
10 need to go.

11 So with that, I will hand it over to the
12 company. And make sure to project loudly.

13 MR. LUKE SCHWITZER: Yeah. Thanks, Sam.

14 MR. SAM LOBBY: Thank you.

15 MR. LUKE SCHWITZER: Good evening,
16 everyone. My name is Luke Schwitzer. I'm a lead
17 developer with Avangrid Power, based out of
18 Minneapolis.

19 Before I go on, is the volume pretty
20 good?

21 COURT REPORTER: Yes.

22 MR. LUKE SCHWITZER: Good.

23 So thank you. We appreciate the chance
24 to highlight our project plans out at Elm Creek II,
25 and appreciate you all taking the time to -- to come

1 out and join us.

2 So before I get into specifics on the
3 project itself, I just wanted to highlight company
4 overview, you know, for folks not familiar, kind of,
5 with the company.

6 Avangrid Power, we are the third largest
7 renewable energy owner and operator in the States,
8 so that -- that presence really spans nationwide.
9 We have wind and solar projects located in 22
10 different states across the country. In the Midwest
11 in particular, that -- that presence is very large,
12 in wind projects in particular. It might be hard to
13 read some of the numbers, which is good, because
14 some of the numbers in Illinois have changed. But
15 in general, we have a large presence of wind
16 projects in -- in Minnesota, Illinois, the Dakotas,
17 and Iowa.

18 So zooming in a little bit more into
19 Jackson and Martin Counties, you know, we, as a
20 company, have been active in this community for over
21 20 years. I just wanted to highlight -- I know many
22 of you probably know this area like the back of your
23 hand, but as it relates to Avangrid projects in your
24 community, you know, I wanted to highlight Elm
25 Creek II there in yellow, Elm Creek I is in blue,

1 and Trimont, to the north, in red.

2 And Trimont was our first project -- I
3 should say first project to go into service in the
4 community, so you'll see the COD dates that are
5 listed; it stands for commercial operation date.
6 Basically, it's when that project was placed in
7 service.

8 So Trimont led the way in 2005. It was a
9 100 megawatt wind site. It was actually repowered
10 in 2020 as well. Elm Creek I followed, going into
11 service in 2008, as a 99 megawatt wind site. And
12 then, of course, we're here tonight to talk about
13 Elm Creek II. That was placed in service in 2010,
14 and we'll get into some more of those details.

15 So when we talk about repowering in
16 general, it's kind of a catchall term. It can mean
17 many different things, depending on the company,
18 depending on the site, what folks', you know,
19 particular plans are. Basically, you're talking
20 about -- regardless of the details, you're talking
21 about the process of retrofitting -- retrofitting
22 and replacing existing components with newer, more
23 modernized, more efficient equipment. So that is
24 what we're doing.

25 And -- and specifically, these plans

1 consist of replacing the -- the turbine blades
2 themselves and replacing the nacelles so that --
3 that housing that sits on top of the tower itself --
4 houses the gear box, houses the drivetrain, the
5 generator itself for each turbine -- the picture
6 kind of highlighting, you know, I think, dropping
7 the -- dropping that -- the generator and the
8 drivetrain into that nacelle housing, just for
9 context.

10 So again, our Elm Creek II plan is
11 swapping out the existing blades with new blades and
12 swapping out the existing nacelles with -- with new
13 equipment.

14 We are not proposing any kind of
15 permanent change to the tower foundations
16 themselves, as well as any of the existing
17 infrastructure out there, as far as roads, the O&M
18 building, the substation, so on and so forth. It
19 will all remain as it is today.

20 I'll squeeze one small caveat in there,
21 in that the existing towers, in order to make them
22 match with the new nacelles that will need to be
23 bolted on, there is a small -- relatively small
24 tower adapter section -- so it's a 17-foot
25 section -- that will need to be installed on top of

1 the existing towers in order to make it match with
2 the proposed new nacelle.

3 So with that, when we begin to, you know,
4 think about temporary construction impacts that
5 might come with a project like this, folks that were
6 around, you know, during the original greenfield
7 development, you might imagine this is not quite on
8 par with -- with the scale of that. But still, this
9 is -- it's a large project with not, you know,
10 insignificant, you know, construction work.

11 So the biggest things that you can begin
12 to kind of picture being associated with this is
13 crane paths right away; large, you know,
14 over-ground, over-terrain crane paths being blocked
15 around the site to install the equipment, tear down
16 the old equipment. Improved turning radius areas,
17 so that's talking about any of your 90-degree turns.
18 Access from public roads to -- to access stream
19 roads. You might imagine they need to be widened to
20 allow for that -- you know, the blade swing being
21 delivered, again for repower, both -- both taking
22 out the old blades and bringing in the new.

23 And then something to note, as well, is
24 the collector line section upgrades. So the
25 collector lines are what, you know, receive that

1 power from the turbine and take it to the collector
2 sub. We have been doing many studies to understand
3 what that looks like right now and what it looks
4 like under a repower. Indeed, these things are
5 ongoing, so we're learning more.

6 But it's safe to assume that there might
7 be a couple sections that would need to be
8 supplemented with new collector lines in order to
9 take that power efficiently and safely. But for the
10 most part, you know, we're not talking about having
11 to replace all the collector lines on the site, by
12 any means.

13 And then, lastly, again, picturing
14 construction, really, one of the bigger things is
15 going to just be the laydown, the staging. Again,
16 it's kind of a logistical undertaking to, you know,
17 find the space to bring down the blades and the
18 nacelles and yet still bring in the new. So that is
19 something that we're working on understanding, you
20 know, where these laydown, where these staging yards
21 will be. But as you begin to picture it, that's --
22 that's something that will come with a project like
23 this.

24 So diving down into a little bit more
25 detail, again, talking about replacing the blades --

1 and this is where, I think, I need to begin to
2 caveat. A lot of this is -- you know, we are
3 interested in sharing the best information that we
4 have available today. A lot of this is subject to
5 change. Frankly, there's a lot of uncertainty in
6 the market, as far as supply chain goes, as far as,
7 you know, studies that we're doing to understand
8 what equipment -- what final equipment selection
9 will look like. So these details, yeah, are subject
10 to change. And of course, you know, that
11 information will be communicated when it does become
12 final.

13 But with that, what our current plan is
14 right now, is increasing the rotor blade size from
15 the 95 meters that is existing up to 120 meters. If
16 you can picture a tip height -- so the tip height is
17 when the blade is at its highest point -- that
18 height will change, again, from the 418 feet that it
19 is right now to 480 feet. And then the per turbine
20 generation right now is 2.4 megawatts, and that
21 would be proposed to adjust to 2.2.

22 I already touched on the collector line
23 upgrades where needed. And one bonus for folks
24 in -- such as yourselves, landowners in the room, is
25 installing lighting mitigation. So we talked about

1 Aircraft Detection Lighting System. The good news
2 for folks that are annoyed by the constant blinking
3 of lights at night is that that will go away. There
4 will be a radar system installed, tentatively at the
5 O&M yard, that will detect aircraft when it's in the
6 project space, and at that point, it will trigger
7 the lights to go on. If there isn't aircraft
8 detected, no lights. So that's something that would
9 come with this as well.

10 And then I just need to call out, you
11 know, our ops folks. And our -- our ops team in the
12 building tonight, I know, is excited about the
13 support of this repower. We are also installing
14 lifts in all of the existing turbine towers that are
15 onsite, which really helps them onsite. I know
16 they're excited about it.

17 So that's kind of just a snapshot of many
18 of the details. You know, again, many of the
19 figures here on the lower right are admittedly TBD
20 right now, but just for -- to have something at a
21 glance for folks to -- to look at as a pre- and
22 post- comparison.

23 There are 62 turbines onsite. You know,
24 ideally, we are in a position to retrofit all 62.
25 Again, it's Mitsubishi 2.4 megawatt generators that

1 are the turbines onsite currently. And it's TBD on
2 what that final selection will be, but it will fit
3 under those parameters discussed here already.

4 And then -- yeah, I've laid out the tip
5 height differences already. The nameplate capacity
6 really just kind of stays the same ultimately, or --
7 or we try to get it as close to the same as
8 possible.

9 I will call out already -- and I know
10 there's likely questions on just why the drop from
11 per turbine generation. And what I will say on that
12 is, it's -- we're taking an existing site, right,
13 and trying to match with new equipment, and that's
14 just -- that's part of the equipment availability
15 issues, so the 2.2 generator is just what's making
16 sense. It's what seemed to work for the site right
17 now.

18 And if you're wondering why we would take
19 a step down, really, it's -- the bonus is in the
20 efficiency. These new models, the new equipment,
21 just way more efficient than the existing MHI
22 machines at lower wind speeds, for example, just in
23 general. So it's -- it's more a matter of
24 efficiency over the nameplate capacity.

25 So beyond that, the caveats truly

1 continue when we begin to touch on the schedule.

2 But I think at this point, you know, what we would
3 want to communicate, more than anything, is the
4 soonest potential of a project like this. So this
5 is -- this is laying out that scenario.

6 So obviously, we're all in the room today
7 for -- for permitting scope. That has been detailed
8 already. The PUC application was submitted in
9 April. Environmental surveys and then other
10 permitting work is -- is ongoing to support the
11 project. The same thing with engineering; that
12 design work is ongoing. In a perfect world, we
13 could have -- you know, anticipate
14 construction-ready design as soon as the end of this
15 year, is what we're working towards. And then,
16 again, the -- the earliest possible construction
17 start date could be something like May of '26. And
18 the earliest possible COD, working off of that --
19 again, that's the commercial operation
20 placed-in-service date -- would be something like
21 December of 2026.

22 And then, of course, you know, we're
23 not -- we're not going anywhere. We would be around
24 through the following year for restoration,
25 reclamation type of work, to leave the site, you

1 know, as good or better than we found it.

2 With that, no real talking points on the
3 map. I just wanted to highlight, you know, as -- as
4 you're walking around, we have a couple of maps
5 spread across the room. Again, we understand you
6 folks know this area very well, so familiarize
7 yourself with the site based on, you know, where you
8 and your neighbors live.

9 And, yeah, we look forward to taking your
10 questions.

11 MR. RICH DAVIS: Well, good evening,
12 everybody. My name is Rich Davis. I am with the
13 Public Utilities Commission, the same as Sam, or the
14 Energy Infrastructure Permitting -- or Planning
15 unit. Sorry. And environmental review is kind of
16 the -- the side that I'm on which, with that, our
17 staff --

18 I should check. Am I good?

19 COURT REPORTER: A little louder.

20 MR. RICH DAVIS: A little louder? Okay.

21 Our focus is to provide technical
22 assistance, basically, on potential environmental
23 impacts and potential mitigation, or reduction of
24 those impacts, to the commissioners as they're
25 making their decisions regarding issuing of a site

1 permit to allow the repowering, in this case, of
2 this project.

3 We administer that environmental review
4 and the analysis process. It's a little bit
5 different with wind as opposed to transmission lines
6 and solar projects. But we walk the -- when the
7 application comes in, we actually use that as our
8 baseline for the environmental review process. And
9 we -- we are out to provide an objective analysis,
10 and we don't advocate for or against projects. We
11 are just trying to work with the facts that are out
12 there. And our primary goal is to assist the
13 commissioners with an informed -- in their informed
14 decision-making process as they're issuing that site
15 permit.

16 This is where to find some project
17 information. If you're interested in it, that top
18 one -- this is all in the packet over there, the
19 PowerPoint. That top one is a specific -- a
20 specific web page within our website. It's a little
21 easier to navigate than the next link down there;
22 eDockets can get a little bit overwhelming. That is
23 the full record of this project, so we can go all
24 the way back to when -- the initial permit and
25 beyond, when the initial application for the

1 original permit was actually submitted.

2 So if you want the full record of
3 everything, you're going to want that second link
4 right there. The top one, like I said, is a little
5 bit more straightforward. And it also -- there is,
6 at the top of that -- that first web page there,
7 there's a public comment submittal button up there
8 that you can actually click on and enter your
9 comment in there, and I get that directly.

10 Environmental review and site permit
11 development -- so, again, the site permit amendment
12 application that comes in is the primary
13 environmental review document that we use as our
14 baseline. It helps us identify and evaluate
15 potential resource impacts to the proposed
16 repowering project, and it identifies possible
17 impact mitigation measures that can be used. We use
18 that to develop the draft site permit, or the
19 amended draft site permit, which there are two
20 copies of over on that table over there.

21 Myself and a couple of our other staff
22 kind of worked on that draft site -- that amended
23 draft site permit back when our unit was actually
24 with the Minnesota Department of Commerce. So I'll
25 just point that out because that bottom bullet says

1 "EERA comments." That was our unit's name when we
2 were at the Department of Commerce. Our entire unit
3 got shifted over to the Public Utilities Commission
4 on July 1st, thanks to the legislature. I'll be
5 nice about that.

6 But potential -- with that, we're looking
7 at potential resources that might be out in the
8 project area and potential impacts that could be
9 included in that amended draft site permit. We're
10 also looking to include local -- local items of
11 interest or concern -- things that might not be on a
12 map somewhere -- that you folks would know about.
13 We want to know about those things.

14 For public participation, you can provide
15 comments tonight. It will go on the record with our
16 court reporter. You can submit comments in writing,
17 again at that link on our web page, or directly via
18 email to myself. Or if you want to send something
19 in the mail, my mailing address is on there, and
20 also on the slides that are over there, that are
21 hard-copied at the table.

22 The comment period deadline is Wednesday,
23 August 20th, at 4:30 p.m. The exception to that is
24 if you can get it -- if you're sending something in
25 the mail, if it's postmarked by the 20th, we'll -- I

1 try to give it a little bit extra time so things can
2 get in, because I know it takes a little bit if
3 they're -- if you're sending them that way.

4 Topics to address tonight that help me
5 out in further developing the amended draft site
6 permit -- and if you can focus your comments on
7 these, if -- should the Commission issue an amended
8 draft site permit for the repowering project, if the
9 site permit amendments are authorized, what
10 additional conditions, if any, should the Commission
11 impose. Those would be the conditions that would be
12 wrapped into the site permit. And are there other
13 issues or concerns related to this matter, being the
14 project as a whole, potential impacts that some of
15 you local folks are -- are concerned about or would
16 like additional details on.

17 There's a lot on this slide -- kind of
18 small, but this is probably one of the more useful
19 slides in that whole packet over there. It has the
20 comment period deadline. It has the ways you can
21 comment: Online, email, and by mail. It has those
22 questions I just read off for addressing your
23 comments to. Contacts are on there for Sam, myself,
24 and for Luke. And then some additional information
25 on how to find the docket or the project website.

1 And this...

2 MR. SAM LOBBY: Do you want --

3 MR. RICH DAVIS: I don't know how --
4 what?

5 MR. SAM LOBBY: Oh, go ahead.

6 MR. RICH DAVIS: Okay. For presentation
7 of comments, these are just, kind of, some general
8 ground rules that we have. One speaker at a time.
9 It's important for us so that the court reporter can
10 hear and she can get a solid record for us so we
11 have the minutes. Because I do go back and read
12 through those minutes myself; the commissioners read
13 through them. That's how I keep track of comments
14 that we might get tonight that are up here.

15 I should point out that whether you give
16 your comment up here tonight, speaking, or mail it
17 or email it, none of those carry any more weight
18 than any other version. So if you send your
19 comments in or say your comments tonight, you don't
20 have to worry about doing it -- multiple different
21 versions of that. We take them all the same.

22 Maintain some respect for each other
23 tonight. I -- that's always helpful. Begin -- when
24 you -- I'm going to have everybody come up here. It
25 probably would be easiest for us and for the court

1 reporter. Just come up here.

2 And I need you to state and spell your
3 first and last name so the court reporter can get it
4 on the record. And direct any of your comments and
5 questions towards those other questions that have to
6 do with the merits of the proposed project or the
7 suggestion -- suggestions of permit conditions,
8 would be most helpful for us.

9 We'll have to see how many people we have
10 that want to speak, but we do try to limit stuff for
11 five minutes the first time around. Obviously, if
12 we have some extra time, so -- we can always go back
13 around if somebody has additional comments or
14 questions that they would like to bring up.

15 That's about it. The next one is for
16 WebEx stuff.

17 MR. SAM LOBBY: Yeah, that's...

18 MR. RICH DAVIS: Yeah.

19 The thank you slide. That's Sam and
20 I's contact info, so I'm going to have -- I'm
21 actually going to put this one back up to help
22 direct people if they've got some questions or
23 comments.

24 And I'm going to turn this, and then I'm
25 going to go sit back down and get out of the way.

1 MR. SAM LOBBY: Thanks, Rich.

2 So I've got the sign-in sheet here, and
3 it looks like -- Nate Runke, if you would like to
4 come up and speak.

5 MR. NATE RUNKE: Hi. I'm Nate Runke.
6 I'm with the International Union --

7 MR. SAM LOBBY: Could you spell your --
8 spell your name.

9 MR. NATE RUNKE: I'm sorry. N-a-t-e
10 R-u-n-k-e.

11 I'm with the International Union of
12 Operating Engineers Local 49. I'm also speaking on
13 behalf of North Central States Regional Council of
14 Carpenters; they weren't able to be here tonight.

15 But on behalf of the 15,000 heavy
16 equipment operators that we represent between Iowa,
17 across Minnesota, and the Dakotas, and the 27,000
18 carpenters there -- present across their five-state
19 region, I guess, we just wanted to find out if -- if
20 you guys already have ideas on who the workforce for
21 this would be.

22 We always, obviously, advocate to use as
23 much local union labor as possible, or local labor.
24 If you go a different way than -- I think the key
25 part there being as much -- getting the workforce

1 from -- as locally as possible to keep as much of
2 the investment going back to the communities that
3 are hosting these projects. So obviously, from our
4 viewpoint, union labor would be the best option
5 there. But either way, we were just kind of hoping
6 to find out what your plans were for -- for
7 workforce.

8 MR. LUKE SCHWITZER: Yeah. So that --
9 that is one of the things -- similar to schedule,
10 similar to final equipment design, it's something
11 that we're actively working on and it's ongoing. So
12 there are no final decisions on that right now, but
13 that is certainly something -- using local unions is
14 certainly something that's being considered right
15 now, yeah.

16 MR. NATE RUNKE: That sounds great.

17 All right. That was all I had. Thank
18 you.

19 MR. SAM LOBBY: Thank you very much.

20 I've got a number of other folks on the
21 list here, but nobody else signed up to speak. So
22 I'll just read off the names, and if you don't want
23 to come up, that's just fine. Once I get through
24 these, if other folks want to raise their hand, we
25 can do that.

1 Debra, would you like to speak? All
2 right. Thank you, Debra. And if you can make sure
3 to project your voice as much as possible. Thank
4 you. And state and spell names, please.

5 MS. DEBRA RINGKOB: My name is Debra
6 Ringkob, D-e-b-r-a and R-i-n-g-k-o-b as in "boy."

7 Reading that first sentence, "Should the
8 Commission issue an amended draft site permit for
9 the repowering project," here's my question for
10 Avangrid, is: Do you have a contract already for
11 the energy that -- if this goes through, do you have
12 somebody out there that's got a signed contract that
13 you can sell our energy to?

14 Because when you built our project
15 originally, there was no signed contract that -- our
16 energy got sold pretty darn cheap and we never
17 received what was promised.

18 How do you -- how do you -- it's kind of
19 like Field of Dreams: "Build it and they will
20 come." Not necessarily. We have to have some kind
21 of proof that us having our land torn apart again is
22 going to be worth it. It -- for environmental, it's
23 extremely hard to explain to somebody what the land
24 went through when the towers were constructed.

25 Yes, we knew there was going to be a lot

1 of crop destroyed. It would be nice if they could
2 do this in the winter, when things were frozen, but
3 they don't.

4 But the thing that is, to me, hurtful, as
5 a landowner, is, how the soil is so -- with the big
6 cranes going over it -- it went diagonally across
7 one of our farms, and the compaction was tremendous.
8 Tile was destroyed. And you can't put the air back
9 into the ground, lift that compaction, no matter
10 what you do. That's another environmental thing, I
11 think, that's not factored in at all, is how the
12 production of cropland can get destroyed.

13 Those are my comments. That's my
14 feelings. Thank you for listening.

15 MR. SAM LOBBY: Would any of you like to
16 respond to that at all?

17 MR. JEFFREY REINKEMEYER: There was a
18 question -- she had a question; right?

19 I am Jeff Reinkemeyer. I gave you my
20 card. Do you want me to spell it?

21 COURT REPORTER: No.

22 MR. JEFFREY REINKEMEYER: I appreciate
23 your question on the power purchase agreement.
24 Yeah, when -- when this project was originally first
25 operational in 2010, it was a different commercial

1 environment. Yeah, there was more -- there was more
2 of a -- I guess, more of a -- I don't want to call
3 it -- not so much scrutiny on want -- wanting to
4 have or needing to have power purchase agreements as
5 part of these projects, because -- because the
6 market was a little different.

7 Since that time, the -- the industry has
8 matured a lot and -- and, you know, we have come to
9 the conclusion that -- that a vital part of the
10 project is to have a secured -- secured off-take.
11 So that would be -- that is our effort on this
12 project, to be honest, to -- would be to secure
13 that.

14 MR. SAM LOBBY: All right. Thank you
15 very much for that.

16 Next up, it -- it wasn't indicated if you
17 wanted to speak or not, but Cindy and Joe? If not,
18 that's okay. No? All right.

19 So we've got -- forgive me if I'm
20 mispronouncing -- Lowell. All right. Thank you
21 very much. If you could, state and spell your name,
22 please.

23 MR. LOWELL GORDEN: Okay. I signed that
24 if we were going to talk, but --

25 MR. SAM LOBBY: Oh. You -- yes.

1 MR. LOWELL GORDEN: I just have a couple
2 comments on --

3 COURT REPORTER: Please give your name
4 and spell it.

5 MR. LOWELL GORDEN: Lowell Gorden,
6 G-o-r-d-e-n. Lowell. And I'm -- I have a tower on
7 my place.

8 So this whole thing started, confusingly,
9 for me back in March, when a young man came to me
10 and had a legal document and said, "Sign this for a
11 new project. Free money. Just sign it." So I
12 believe some of my other neighbors got asked the
13 same thing. And it's a little confusing when --
14 when that happens like that.

15 So he came back again. He said, "Did you
16 sign it?" I said, "No." I said, "Good grief." No
17 explanation; no anything. So then in October, they
18 must have figured that things weren't going real
19 smooth, we better have a meeting.

20 So I struggle with a company that does
21 something like that. I mean, "5,000 bucks. Just
22 quick sign this." Then I think Cindy and Joe was up
23 to 15,000 to sign it. I don't know.

24 But, to me, are they going to make more
25 noise? The bigger blades, are they going to be

1 noisier? Do you know that, yes or no?

2 MR. LUKE SCHWITZER: That'd be -- this is
3 all part of ongoing studies.

4 MR. LOWELL GORDEN: Okay. But nobody --
5 nobody finds that out until after it's done, maybe.

6 What are they going to do to the roads?
7 And it's -- it's a lot of stuff that the person that
8 has the tower in their place goes through to make
9 everybody else happy.

10 MR. JEFFREY REINKEMEYER: Okay. There
11 were two -- two questions there.

12 Again, Jeff -- Jeff Reinkemeyer.
13 Correct me if I -- again, there were two questions;
14 one was about the noise, and the second was about
15 the roads.

16 Okay. Now, on -- on sound, you know, the
17 project has been simulated with the -- you know,
18 with the new models, and if we -- with the turbine
19 that we currently looked at, if we -- if that
20 changes, we would look at the new model with the new
21 turbine. And -- and our projects are -- are going
22 to conform with -- with PUC sound standards, so --
23 so that's -- that's one of our -- actually, that's
24 one of our most heavily studied, you know, items
25 when we look at -- at designing and laying out a

1 project, is conformance with the sound standard.

2 On the -- on the roads, as Luke had
3 alluded to, you know, as part of -- part of the
4 project and just -- this is temporary, you know.
5 When you have larger -- larger components coming in,
6 you have to widen out your entrances to allow for
7 those turns in. You know, we will be adding rock,
8 you know, to further stabilize the access roads.
9 However, at the conclusion of the project, those
10 widened -- those widened entrances will be removed
11 and -- and the actual dimensions of that access road
12 will remain, you know, what -- what it was.

13 MR. LOWELL GORDEN: I was basically --

14 MR. SAM LOBBY: If you could -- if you
15 come up, sorry, just so the court reporter can hear
16 you.

17 MR. LOWELL GORDEN: I'll just stand up.

18 My -- my concern is from last time. When
19 you've got that huge frame of all that weight going
20 across the roads -- not about the approaches. What
21 they do to the roads. Because I know -- I mean,
22 you're going to go up and down the roads to deliver
23 that crane; right?

24 It's not about the approaches. It's
25 about driving that crane from one spot to the next,

1 going across one field to the next, busting tile.

2 And that crane is huge.

3 How many ton is it, do you know?

4 MR. JEFFREY REINKEMEYER: Their weight --
5 I'll give you that; that, yes, they are -- they are
6 heavy.

7 The -- and yes, as you know, it's part of
8 our -- part of our responsibility in our lease to
9 repair tile, you know, that -- that's damaged. You
10 know, we -- we do locate the locations of those
11 repairs, and -- and we keep that -- we keep a log of
12 that, you know, for future. And we do -- we do --
13 as part of our restoration, you know, we are also
14 obligated to restore the site, you know, to -- to,
15 basically, till it back up.

16 MR. LOWELL GORDEN: Till it?

17 MR. JEFFREY REINKEMEYER: Yes.

18 MR. SAM LOBBY: All right. Thank you.

19 MR. RICH DAVIS: I just want to mention
20 some stuff with the -- the amended draft site permit
21 does get at those items. There's -- there's
22 conditions in there regarding the noise. They have
23 to do beforehand modeling to figure out what noise
24 level they plan for it to be at, at the residences,
25 but they also have to check it afterwards. So they

1 do have to do some monitoring.

2 And as far as the roads go, they do have
3 to have road agreements with the county. That's a
4 required condition. And there's also conditions in
5 there that they have to fix any broken tile or any
6 drainage that's not functioning correctly, so it
7 could be culverts as well.

8 And we handle -- I should mention that.
9 Our -- our staff handles compliance with the permits
10 as well. So it might not always be clear, but if
11 there's ever issues with that and you're not getting
12 a response from the company -- I'm not saying that
13 that's going to happen or does happen with this
14 project. But if you're not getting a response from
15 them, you can always contact our staff as well
16 directly, and we can -- we can help track down the
17 concern or what's happening out there.

18 MR. SAM LOBBY: One thing, too, to
19 address the -- the previous comment about the power
20 purchase agreement -- I should have mentioned this
21 before -- that's the -- once the project is built,
22 who is actually buying it.

23 There is a permit condition now -- when
24 this was originally permitted in 2010, a lot has
25 changed since then. There are permit conditions now

1 that require that they have to have an off-taker in
2 order for the project to actually commence, so -- so
3 just to answer your question on that.

4 The next person. Don, if you would like
5 to speak. If not, that's just fine. I'm sorry, I
6 just wasn't sure.

7 All right. Now Mike? Would Mike like to
8 speak? All right. And that's our last one on the
9 list, and then we can take --

10 And just a quick explanation, too.
11 Apologies for the back-and-forth stuff. It's
12 just -- if we can try to keep people up here just
13 for the court reporter. It's kind of awkward, but
14 it makes it easier for -- on her.

15 So if you could, please state and spell
16 your name.

17 MR. DON ZEBEDEE: Well, I guess, I -- I
18 probably didn't really intend to speak.

19 MR. SAM LOBBY: Could -- could you please
20 state and spell your name.

21 MR. DON ZEBEDEE: I've got a problem with
22 the 15-year --

23 COURT REPORTER: Sir. Sir, could you
24 please state your name and spell it.

25 MR. DON ZEBEDEE: I'm Don Zebedee.

1 Yeah, and I've got a problem with the
2 15-year extension. What -- why are they -- they
3 just going to nonchalantly take that, or are they
4 going to give us something for it?

5 And, also, a contract. We were
6 originally expecting to get more money as the years
7 went by. And what happened is, we were lucky to
8 stay even. I mean, I -- I realize that you got us
9 signed up for another 25 years. You can do whatever
10 you want about that. We haven't got anything to
11 say, really. But the next 15, I -- I think I ought
12 to get paid. I mean, we -- we operated the last 15
13 just on hearsay, and I think we should have a
14 contract for the next -- you know, if the thing goes
15 through.

16 I guess that's probably all -- actually,
17 I don't live right by it, so I -- I sympathize with
18 those -- I guess they got a problem like that,
19 but... But...

20 And -- and I really think that my
21 farms -- or where they drove with the thing, they've
22 kind of healed up. It looked kind of tough there
23 for a while, and I -- I think they healed up. I
24 guess I -- I don't have near as big a problem with
25 that as I do with the fact that -- that we might go

1 on forever.

2 And we don't know the business. They can
3 tell us whatever they want to about the business,
4 you know, based on the earnings they were going to
5 pay. And, well, based on the earnings they paid us
6 the last -- you know, whatever they damn please.

7 And I think that -- that if you're going
8 to give them a permit to redo it, that we need a
9 contract, too. And I -- I don't know how to draw it
10 up, but I think they're smart enough, they know how.

11 I think that's all I got to say.

12 MR. RICH DAVIS: Well, I can respond to
13 that a little bit.

14 The Commission does not write up
15 individual contracts. We don't -- the commissioners
16 themselves and our staff, we don't -- that's a
17 private business agreement. We handle the
18 permitting or the siting of the project and
19 potential impacts and how to mitigate those things,
20 and compliance with that permit.

21 The contract is something that has to be
22 handled with the developer, because that's --
23 that -- my best advice to you is -- if you have
24 concerns about it, is to have an attorney look at
25 it, because we can't give legal advice on behalf of

1 the State, or anything like that.

2 MR. SAM LOBBY: Did you want to respond?

3 MR. JEFFREY REINKEMEYER: Yeah, I'll
4 respond just in the sense of -- you know, following
5 on Rich's statement, let's -- let's catch up, maybe,
6 after this meeting to at least meet in private.
7 Lease agreements -- yeah, I just want to respect
8 that private side of it.

9 But I will say, we fully intend on -- on
10 extending our leases for this project -- really, for
11 all the projects. Avangrid is not in the business
12 of decommissioning turbines. We want to keep these
13 plants going; we want to keep these agreements
14 going. So I'll just -- I'll leave it at that, and
15 catch up with you on the side.

16 MR. SAM LOBBY: The last one on the list
17 here I have is Mike. Would Mike like to speak? No?

18 All right. With that, is there anybody
19 else that would like to? Just raise your hand.

20 I believe -- the gentleman in the hat, go
21 ahead. And then you can go next, after him.

22 And if you could, please speak loudly,
23 state and spell your name. Thank you, sir.

24 MR. SHANE MEYER: My name is Shane Meyer,
25 S-h-a-n-e M-e-y-e-r. A lot of you probably don't

1 know me. We recently -- my wife, Alesha, and I
2 moved here in November, November 1st. We came from
3 a place that was very controversial with wind
4 towers. We kind of sat in the middle of two
5 different wind farms, and we watched neighbors hate
6 neighbors.

7 And we moved up here, knowing what we
8 were getting into, somewhat. We knew the wind
9 towers were there. We had never lived that close to
10 them. We have, I believe, four towers where we live
11 that are a half a mile, give or take, from our
12 house. I am disappointed in the company, because we
13 have been there since November 1st -- I was told
14 this happened in June -- and we have not been
15 contacted at all.

16 We kind of believe -- my wife and I
17 believe that if something is there that you move
18 into, you have no right to complain about it. And
19 we chose that. There's no reason for us to complain
20 about what's existing. We chose to move there. But
21 now you want to change it, and so you're changing it
22 after I've moved there. Now I feel like I have a
23 right to say something.

24 They're noisy. And I don't want to step
25 on anybody's feet, as far as landowners that are

1 getting money that don't live out there; but if you
2 live there, you know they're noisy. We have
3 flickers at our house. We have -- when they turn is
4 probably the worst. I thought I'd get used to it;
5 you don't. It's -- I don't know that it affects my
6 quality of life, other than being annoying.

7 We moved up here with the intentions of
8 buying my wife her dream place back home. And it is
9 to us, but we also have to deal with the wind
10 towers. And so we are not in favor of this.

11 My neighbors, Jake and Rita, couldn't be
12 here tonight; they are not in favor, either. They
13 told me I could say that. They live just to the
14 north and west of me about a half a mile.

15 The other thing I don't like is, it seems
16 a little open-ended on this, to where the other
17 people that have talked about, "We don't even know
18 what we're going to get paid." I haven't heard --

19 Down there, there was a big discussion
20 with the taller ones and the bigger ones -- where we
21 came from in Nebraska -- and they never got through
22 because there wasn't a lot of data on what they
23 produced for noise and sound. And I have not heard
24 them speak about that yet tonight. Do they know how
25 much worse or better it's going to be?

1 I don't know. I'm not here to complain
2 about what's existing, but we are not in favor of
3 changes. Thanks.

4 MR. SAM LOBBY: Thank you very much.

5 Yes, sir. Would you like to speak? If
6 you could, please state and spell your name for the
7 record.

8 MR. EARL CORDES: My name is Earl Cordes,
9 C-o-r-d-e-s. I'm a resident of Elm Creek Township.

10 My wife and I have farmed out there for
11 the last 20 years. We're landowners. We have one
12 turbine on our property, four in our section which
13 is -- the section is family-owned.

14 We went into this, eyes wide open. I'm
15 sure almost everybody that signed up, signed up for
16 the money when they signed up for the wind turbines,
17 not that they wanted a monument on their place
18 without getting reimbursement for it. And the money
19 has -- was good. It's not as good now. And I
20 sympathize with Lowell and Deb. Everybody's -- as
21 being a farmer, you dealt with the compression
22 issues on your land when it was first built, the
23 mud, all those types of things.

24 I anticipate it will be better this time
25 because the roads are -- or the ingress roads are

1 already there. We'll still have a crane pad to put
2 it on, but it -- but again, people get reimbursed
3 for crop loss and they also get paid a -- a rent
4 every year, so it's not like they're losing all
5 sorts of money.

6 I am also the chairman of Elm Creek
7 Township, and I was on the board when they -- it was
8 constructed. There was a lot of questions back
9 then. There were other issues. Bottom line, our
10 township roads were better after they were done than
11 before they started, because the roads that weren't
12 upgraded -- or suitable for the amount of weight
13 that were put across them were upgraded with rock
14 and gravel at that time. And when it was finished
15 and -- they were actually better.

16 I do have some of the same questions --
17 again, this is a financial thing. For the township,
18 we get about 15 percent of our budget from wind
19 turbine money that's paid through the -- Martin
20 County. Billee can probably tell what the county
21 gets for it. But again, if they would shut down, we
22 would lose 15 percent of our -- our income to the
23 township, and we'd have to either raise taxes or
24 reduce services. But, like, we don't have a --
25 can't do a deficit.

1 The noise has gotten worse. You can look
2 at the turbines and see that the current ones leak
3 oil like a sieve. And on certain occasions, with
4 the humidity and wind right, they are -- can be very
5 noisy. But that's what we signed up for. We've
6 lived there for 15 years; you can tune them out. At
7 least we can.

8 And again, I support the project because
9 I have hopes that the -- the new turbines will be
10 less noisy. I don't think they've invented one
11 that's not noisy at all.

12 But again, the financial re- -- the money
13 that we get -- I'm a little concerned that people
14 are saying, "Well, the guy was out and said, 'Well,
15 we want to give you 5,000 to extend your -- your
16 thing.'" And again, we're part of the LLC and --
17 and get a check. We want the project to go through
18 we signed, but we weren't told that you could ask
19 for more to get an extension. And that seems --
20 I've heard people say, "Well, don't give us 5,000.
21 We'll take 15,000." And those are people that don't
22 have a -- a turbine on their property.

23 And we are -- my turbine -- our turbine
24 is probably the closest turb- -- house to a turbine
25 in -- in our section; we're about a quarter mile.

1 And again, people that are a half mile, a mile away,
2 say, "Jeez, we want more money than you're
3 offering."

4 So, anyway, the bottom line, as a -- as a
5 resident, a farmer, and a township official, I --
6 I'm in support of the project.

7 MR. SAM LOBBY: Thanks for your comments.

8 MR. JEFFREY REINKEMEYER: And, yeah,
9 we -- and you let him speak before I had a chance.
10 I was going to -- we were going to respond to the --
11 to the previous guest.

12 And so -- yeah, Shane, to answer the --
13 address your comments on -- on sound, it would be a
14 couple of things. First, our sound study is
15 actually part of our application, and so it's
16 publicly available for review.

17 And -- and just to reiterate, as I had
18 said at the outset, you know, the -- the repower
19 project has been simulated and, as alluded to, will
20 conform to the PUC requirements to -- you know, but
21 the project has been designed, simulated to conform
22 to the PUC standards.

23 So I -- I would advise that more
24 information -- I'm not the guy who created the
25 study, I can't quote the numbers, you know, right

1 here, but I -- but what I would -- what I would
2 advise is to take a look at the application and take
3 a look at the sound analysis in that.

4 MR. SAM LOBBY: Any other folks who would
5 like to speak? And if you don't -- if you're not a
6 public speaker, that's fine. Again, you do have
7 until August 20th to submit any written comments
8 that you have. And if you -- another thing. If --
9 with written comments, if you wanted to, you know,
10 provide a map, or something, to show where your
11 house is and if there's a specific issue, that sort
12 of thing can be helpful.

13 Any other speakers? If -- if not, that's
14 just fine. We can wrap up the meeting here. But
15 just want to give folks a chance if you do want to
16 speak.

17 I'll put it up one more time.

18 All right. I'm not seeing anyone.

19 So, yeah, just a reminder that you can
20 submit the written comments in the notice. And in
21 the presentation on the table there, grab one of
22 those on your way out if you'd like, and the
23 information is all in there.

24 I just want to thank you, once again, on
25 behalf of the Public Utilities Commission, for

1 taking the time to come here. We know, again, this
2 is time out of your day.

3 And we've got a lot of important comments
4 that we had tonight, so we really appreciate hearing
5 from each one of you and what you -- what you had to
6 say. The commissioners will review this, and that
7 will be taken into consideration for this permit
8 application.

9 So thank you very much. And if you want,
10 I think we'll probably stick around for a couple of
11 minutes, if you have individual questions for us.

12 So thank you, everybody.

13 (Public comment concluded.)
14
15
16
17
18
19
20
21
22
23
24
25

A	29:4;34:3;38:7,13	12:16	14:3;26:4;37:23	37:2,3,17;38:11
	ahead (2) 23:5;38:21	around (7) 12:6,15;17:23;18:4; 24:11,13;46:10	better (6) 18:1;30:19;40:25; 41:24;42:10,15	busting (1) 33:1
able (1) 25:14	air (1) 28:8	assist (1) 19:12	beyond (2) 16:25;19:25	button (1) 20:7
access (4) 12:18,18;32:8,11	Aircraft (3) 15:1,5,7	assistance (1) 18:22	big (4) 3:20;28:5;36:24; 40:19	buying (2) 34:22;40:8
across (8) 9:10;18:5;25:17,18; 28:6;32:20;33:1; 42:13	Alesha (1) 39:1	associated (1) 12:12	bigger (3) 13:14;30:25;40:20	C
active (1) 9:20	allow (3) 12:20;19:1;32:6	assume (1) 13:6	biggest (1) 12:11	
actively (1) 26:11	alluded (2) 32:3;44:19	attorney (1) 37:24	Billieye (1) 42:20	call (3) 15:10;16:9;29:2
actual (2) 4:9;32:11	almost (1) 41:15	August (4) 7:6;8:7;21:23;45:7	bit (9) 4:6;9:18;13:24; 19:4,22;20:5;22:1,2; 37:13	came (4) 30:9,15;39:2;40:21
actually (12) 10:9;19:7;20:1,8, 23:24;21;31:23; 34:22;35:2;36:16; 42:15;44:15	always (5) 23:23;24:12;25:22; 34:10,15	authorized (1) 22:9	blade (3) 12:20;14:14,17	can (43) 4:13;8:6,8,9;10:16; 12:11;14:16;19:22, 23:20;8,17;21:14,16, 24:22;1,6,20;23:9,10; 24:3,12;26:25;27:2, 13;28:12;32:15; 34:15,16,16;35:9,12; 36:9;37:2,12;38:21; 42:20;43:1,4,6,7; 45:12,14,19
adapter (1) 11:24	amend (2) 5:10;6:10	availability (1) 16:14	blades (7) 11:1,11,11;12:22; 13:17,25;30:25	capacity (3) 5:24;16:5,24
adding (1) 32:7	amended (7) 20:19,22;21:9;22:5, 7;27:8;33:20	away (3) 12:13;15:3;44:1	blinking (1) 15:2	card (1) 28:20
additional (4) 22:10,16,24;24:13	amendment (6) 3:19,20;4:19;7:16, 19;20:11	awkward (1) 35:13	blocked (1) 12:14	care (1) 7:24
address (4) 21:19;22:4;34:19; 44:13	amendments (1) 22:9	B	blue (1) 9:25	Carpenters (2) 25:14,18
addressing (1) 22:22	amount (1) 42:12		board (1) 42:7	carry (1) 23:17
adjust (2) 5:22;14:21	analysis (3) 19:4,9;45:3	back (14) 9:22;19:24;20:23; 23:11;24:12,21,25; 26:2;28:8;30:9,15; 33:15;40:8;42:8	bolted (1) 11:23	case (2) 3:16;19:1
administer (1) 19:3	annoyed (1) 15:2	back-and-forth (1) 35:11	bonus (2) 14:23;16:19	catch (2) 38:5,15
admittedly (1) 15:19	annoying (1) 40:6	background (2) 4:25;5:4	both (2) 12:21,21	catchall (1) 10:16
advice (2) 37:23,25	anticipate (2) 17:13;41:24	based (4) 8:17;18:7;37:4,5	bottom (3) 20:25;42:9;44:4	cause (1) 6:12
advise (2) 44:23;45:2	apart (1) 27:21	baseline (2) 19:8;20:14	box (1) 11:4	caveat (2) 11:20;14:2
advocate (2) 19:10;25:22	Apologies (1) 35:11	Basically (5) 10:6,19;18:22; 32:13;33:15	boy (1) 27:6	caveats (1) 16:25
affects (1) 40:5	applicant (4) 3:25;4:2,4;5:4	become (1) 14:11	bring (3) 13:17,18;24:14	Central (1) 25:13
afterwards (1) 33:25	applicants (1) 4:18	beforehand (1) 33:23	bringing (1) 12:22	certain (1) 43:3
again (28) 4:8;11:10;12:21; 13:13,15,25;14:18; 15:18,25;17:16,19; 18:5;20:11;21:17; 27:21;30:15;31:12, 13;42:2,17,21;43:8, 12,16;44:1;45:6,24; 46:1	application (9) 5:9;6:20;17:8;19:7, 25;20:12;44:15;45:2; 46:8	best (3)	broken (1) 34:5	change (5) 11:15;14:5,10,18; 39:21
against (2) 3:11;19:10	appreciate (7) 3:3,6,22;8:23,25; 28:22;46:4		bucks (1) 30:21	
agreement (3) 28:23;34:20;37:17	approaches (2) 32:20,24		budget (1) 42:18	
agreements (4)	approved (1) 3:15		Build (1) 27:19	
	April (4) 5:8,8;6:18;17:9		building (2) 11:18;15:12	
	area (4) 3:22;9:22;18:6; 21:8		built (3) 27:14;34:21;41:22	
	areas (1)		bullet (1) 20:25	
			business (4)	

changed (2) 9:14;34:25 changes (5) 5:14,16,17;31:20; 41:3 changing (1) 39:21 cheap (1) 27:16 check (3) 18:18;33:25;43:17 chose (2) 39:19,20 Cindy (2) 29:17;30:22 civic (1) 3:7 clear (1) 34:10 click (1) 20:8 close (2) 16:7;39:9 closest (1) 43:24 COD (2) 10:4;17:18 collector (6) 12:24,25;13:1,8,11; 14:22 coming (4) 3:2,4;4:11;32:5 commence (1) 35:2 comment (12) 7:5,8,13,14;20:7,9; 21:22;22:20,21; 23:16;34:19;46:13 comments (26) 4:24;6:20;7:15,16, 23:8;7:21:1,15,16; 22:6,23;23:7,13,19, 19:24;4:13,23;28:13; 30:2;44:7,13;45:7,9, 20:46;3 Commerce (2) 20:24;21:2 commercial (3) 10:5;17:19;28:25 Commission (13) 3:10;6:1,10,12,13; 7:18;18:13;21:3;22:7, 10:27;8;37:14;45:25 commissioners (7) 3:18;7:22;18:24; 19:13;23:12;37:15; 46:6 communicate (1) 17:3 communicated (1) 14:11 communities (1) 26:2	community (3) 9:20,24;10:4 compaction (2) 28:7,9 company (8) 8:12;9:3,5,20; 10:17;30:20;34:12; 39:12 comparison (1) 15:22 compatible (1) 6:6 complain (3) 39:18,19;41:1 completeness (1) 6:20 compliance (2) 34:9;37:20 components (2) 10:22;32:5 compression (1) 41:21 concern (3) 21:11;32:18;34:17 concerned (2) 22:15;43:13 concerns (2) 22:13;37:24 concluded (1) 46:13 conclusion (2) 29:9;32:9 condition (2) 34:4,23 conditions (7) 6:14;22:10,11;24:7; 33:22;34:4,25 conform (3) 31:22;44:20,21 conformance (1) 32:1 confusing (1) 30:13 confusingly (1) 30:8 consider (1) 7:18 consideration (1) 46:7 considerations (1) 6:1 considered (1) 26:14 consist (2) 5:14;11:1 constant (1) 15:2 constructed (2) 27:24;42:8 construction (4) 12:4,10;13:14; 17:16 construction-ready (1)	17:14 contact (3) 8:4;24:20;34:15 contacted (1) 39:15 Contacts (1) 22:23 context (1) 11:9 continue (1) 17:1 contract (7) 27:10,12,15;36:5, 14;37:9,21 contracts (1) 37:15 controversial (1) 39:3 conversion (2) 6:5,11 copies (1) 20:20 CORDES (2) 41:8,8 C-o-r-d-e-s (1) 41:9 correctly (1) 34:6 Council (1) 25:13 counterpart (1) 4:5 Counties (1) 9:19 country (1) 9:10 county (3) 34:3;42:20,20 couple (6) 13:7;18:4;20:21; 30:1;44:14;46:10 course (4) 6:24;10:12;14:10; 17:22 COURT (13) 4:14;5:2;8:21; 18:19;21:16;23:9,25; 24:3;28:21;30:3; 32:15;35:13,23 cover (1) 4:9 covered (1) 7:1 crane (6) 12:13,14;32:23,25; 33:2;42:1 cranes (1) 28:6 created (1) 44:24 Creek (10) 5:6,9;8:24;9:25,25; 10:10,13;11:10;41:9;	42:6 crop (2) 28:1;42:3 cropland (1) 28:12 culverts (1) 34:7 current (2) 14:13;43:2 currently (2) 16:1;31:19	42:25 deliver (1) 32:22 delivered (1) 12:21 deny (1) 6:14 Department (2) 20:24;21:2 depending (2) 10:17,18 description (1) 4:10 design (3) 17:12,14;26:10 designed (1) 44:21 designing (1) 31:25 destroyed (3) 28:1,8,12 detail (1) 13:25 detailed (1) 17:7 details (5) 10:14,20;14:9; 15:18;22:16 detect (1) 15:5 detected (1) 15:8 Detection (1) 15:1 develop (1) 20:18 developer (2) 8:17;37:22 developing (1) 22:5 development (3) 6:7;12:7;20:11 diagonally (1) 28:6 differences (1) 16:5 different (8) 9:10;10:17;19:5; 23:20;25:24;28:25; 29:6;39:5 difficulties (1) 4:16 dimensions (1) 32:11 direct (3) 8:9;24:4,22 directly (3) 20:9;21:17;34:16 disappointed (1) 39:12 discussed (1) 16:3 discussion (1)
--	--	--	---	--

40:19 diving (1) 13:24 docket (1) 22:25 document (2) 20:13;30:10 Don (5) 35:4,17,21,25,25 done (3) 6:6;31:5;42:10 down (10) 12:15;13:17,24; 16:19;19:21;24:25; 32:22;34:16;40:19; 42:21 draft (10) 6:21;20:18,19,22, 23:21;9:22;5,8;27:8; 33:20 drainage (1) 34:6 draw (1) 37:9 dream (1) 40:8 Dreams (1) 27:19 drivetrain (2) 11:4,8 driving (1) 32:25 drop (1) 16:10 dropping (2) 11:6,7 drove (1) 36:21 during (1) 12:6	effort (1) 29:11 either (3) 26:5;40:12;42:23 elements (1) 5:19 Elm (10) 5:6,9;8:24;9:24,25; 10:10,13;11:10;41:9; 42:6 else (3) 26:21;31:9;38:19 email (3) 21:18;22:21;23:17 enabling (1) 6:3 end (2) 7:19;17:14 energy (8) 5:11;6:5,11;9:7; 18:14;27:11,13,16 engineering (1) 17:11 Engineers (1) 25:12 enough (1) 37:10 enter (1) 20:8 entire (1) 21:2 entrances (2) 32:6,10 environment (1) 29:1 environmental (13) 4:7,21;6:7,19;17:9; 18:15,22;19:3,8; 20:10,13;27:22;28:10 equipment (12) 5:15;10:23;11:13; 12:15,16;14:8,8; 16:13,14,20;25:16; 26:10 evaluate (1) 20:14 Even (3) 8:6;36:8;40:17 evening (4) 3:1,5;8:15;18:11 everybody (6) 3:4;18:12;23:24; 31:9;41:15;46:12 Everybody's (1) 41:20 everyone (1) 8:16 exact (1) 7:1 example (1) 16:22 exception (1) 21:23	excited (2) 15:12,16 existing (16) 5:15,19,21,22; 10:22;11:11,12,16,21; 12:1;14:15;15:14; 16:12,21;39:20;41:2 expect (3) 6:17,18;8:3 expecting (1) 36:6 explain (1) 27:23 explanation (2) 30:17;35:10 extend (2) 5:12;43:15 extending (1) 38:10 extension (2) 36:2;43:19 extra (3) 3:5;22:1;24:12 extremely (1) 27:23 eyes (1) 41:14	feel (1) 39:22 feelings (1) 28:14 feet (3) 14:18,19;39:25 Field (2) 27:19;33:1 figure (1) 33:23 figured (1) 30:18 figures (1) 15:19 filed (1) 6:18 final (5) 14:8,12;16:2;26:10, 12 financial (2) 42:17;43:12 find (5) 13:17;19:16;22:25; 25:19;26:6 finds (1) 31:5 fine (4) 26:23;35:5;45:6,14 finished (1) 42:14 first (9) 10:2,3;20:6;24:3, 11;27:7;28:24;41:22; 44:14 fit (1) 16:2 five (2) 3:17;24:11 five-state (1) 25:18 fix (1) 34:5 flickers (1) 40:3 focus (2) 18:21;22:6 folks (18) 3:2,12,21;4:17;7:2; 9:4;12:5;14:23;15:2, 11,21;18:6;21:12; 22:15;26:20,24;45:4, 15 folks' (1) 10:18 followed (1) 10:10 following (2) 17:24;38:4 forever (1) 37:1 forgive (1) 29:19 forth (1)	11:18 forward (1) 18:9 found (1) 18:1 foundations (1) 11:15 four (2) 39:10;41:12 frame (1) 32:19 Frankly (1) 14:5 Free (1) 30:11 frozen (1) 28:2 full (2) 19:23;20:2 fully (1) 38:9 functioning (1) 34:6 further (2) 22:5;32:8 future (1) 33:12
E		F		G
EARL (2) 41:8,8 earliest (2) 17:16,18 earnings (2) 37:4,5 easier (3) 4:12;19:21;35:14 easiest (1) 23:25 eDockets (1) 19:22 EERA (1) 21:1 efficiency (3) 5:11;16:20,24 efficient (3) 6:8;10:23;16:21 efficiently (1) 13:9		facility (2) 5:10,13 facility's (1) 5:11 fact (1) 36:25 factor (1) 3:21 factored (1) 28:11 factoring (1) 7:16 facts (1) 19:11 familiar (1) 9:4 familiarize (1) 18:6 family-owned (1) 41:13 far (7) 3:15;4:9;11:17; 14:6,6;34:2;39:25 farmed (1) 41:10 farmer (2) 41:21;44:5 farms (3) 28:7;36:21;39:5 favor (3) 40:10,12;41:2 February (1) 5:8		gave (1) 28:19 gear (1) 11:4 general (4) 9:15;10:16;16:23; 23:7 generation (2) 14:20;16:11 generator (3) 11:5,7;16:15 generators (1) 15:25 gentleman (1) 38:20 gets (1) 42:21 glance (1) 15:21 goal (1) 19:12 goes (5) 7:6;14:6;27:11; 31:8;36:14 Good (15) 3:1,3;4:15;6:12; 8:15,20,22;9:13;15:1; 18:1,11,18;30:16; 41:19,19 GORDEN (8) 29:23;30:1,5,5; 31:4;32:13,17;33:16 G-o-r-d-e-n (1)

30:6 grab (1) 45:21 granted (2) 3:20;5:7 gravel (1) 42:14 great (1) 26:16 greenfield (1) 12:6 grief (1) 30:16 ground (4) 3:13;7:24;23:8; 28:9 guess (6) 25:19;29:2;35:17; 36:16,18,24 guest (1) 44:11 guy (2) 43:14;44:24 guys (1) 25:20	40:18,23;43:20 hearing (3) 3:21;4:3;46:4 hearsay (1) 36:13 heavily (1) 31:24 heavy (2) 25:15;33:6 height (6) 5:19,21;14:16,16, 18;16:5 Hello (3) 3:1;4:1,1 help (4) 8:9;22:4;24:21; 34:16 helpful (3) 23:23;24:8;45:12 helps (2) 15:15;20:14 here's (1) 27:9 Hi (1) 25:5 highest (1) 14:17 highlight (5) 8:24;9:3,21,24;18:3 highlighting (1) 11:6 home (1) 40:8 honest (1) 29:12 hopes (1) 43:9 hoping (1) 26:5 hosting (1) 26:3 house (4) 39:12;40:3;43:24; 45:11 houses (2) 11:4,4 housing (2) 11:3,8 hub (1) 5:19 huge (2) 32:19;33:2 humidity (1) 43:4 hurtful (1) 28:4	identifies (1) 20:16 identify (1) 20:14 II (5) 5:6;8:24;9:25; 10:13;11:10 Illinois (2) 9:14,16 imagine (2) 12:7,19 impact (1) 20:17 impacts (7) 12:4;18:23,24; 20:15;21:8;22:14; 37:19 important (2) 23:9;46:3 impose (1) 22:11 Improved (1) 12:16 include (3) 5:15,17;21:10 included (1) 21:9 income (1) 42:22 increase (1) 5:11 increasing (3) 5:19,20;14:14 Indeed (1) 13:4 independent (1) 3:14 indicated (1) 29:16 individual (2) 37:15;46:11 industry (1) 29:7 info (1) 24:20 information (10) 7:1,10,12;8:4;14:3, 11;19:17;22:24; 44:24;45:23 informed (2) 19:13,13 infrastructure (2) 11:17;18:14 ingress (1) 41:25 initial (2) 19:24,25 in-person (1) 6:24 insignificant (1) 12:10 install (1) 12:15	installed (2) 11:25;15:4 installing (2) 14:25;15:13 intend (2) 35:18;38:9 intentions (1) 40:7 interest (1) 21:11 interested (2) 14:3;19:17 interior (1) 5:18 International (2) 25:6,11 into (16) 4:25;5:4;6:2;9:2, 18;10:3,10,14;11:8; 13:24;22:12;28:9; 39:8,18;41:14;46:7 invented (1) 43:10 investment (1) 26:2 Iowa (2) 9:17;25:16 I's (1) 24:20 issue (3) 22:7;27:8;45:11 issues (5) 16:15;22:13;34:11; 41:22;42:9 issuing (2) 18:25;19:14 items (3) 21:10;31:24;33:21	keep (7) 23:13;26:1;33:11, 11;35:12;38:12,13 key (1) 25:24 kind (23) 6:2,16;8:2;9:4; 10:16;11:6,14;12:12; 13:16;15:17;16:6; 18:15;20:22;22:17; 23:7;26:5;27:18,20; 35:13;36:22,22;39:4, 16 knew (2) 27:25;39:8 knowing (1) 39:7
H				L
half (3) 39:11;40:14;44:1 hand (4) 8:11;9:23;26:24; 38:19 handle (2) 34:8;37:17 handled (1) 37:22 handles (1) 34:9 happen (2) 34:13,13 happened (3) 6:17;36:7;39:14 happening (1) 34:17 happens (1) 30:14 happy (1) 31:9 hard (2) 9:12;27:23 hard-copied (1) 21:21 hat (1) 38:20 hate (1) 39:5 healed (2) 36:22,23 hear (4) 3:17;4:13;23:10; 32:15 heard (3)	I			labor (3) 25:23,23;26:4 laid (1) 16:4 land (3) 27:21,23;41:22 landowner (1) 28:5 landowners (4) 7:24;14:24;39:25; 41:11 large (6) 6:5,11;9:11,15; 12:9,13 larger (2) 32:5,5 largest (1) 9:6 last (7) 24:3;32:18;35:8; 36:12;37:6;38:16; 41:11 lastly (1) 13:13 laydown (2) 13:15,20 laying (2) 17:5;31:25 lead (1) 8:16 leak (1) 43:2 learning (1) 13:5 lease (2) 33:8;38:7 leases (1) 38:10 least (2) 38:6;43:7 leave (2) 17:25;38:14 led (1)
			J	
			Jackson (1) 9:19 Jake (1) 40:11 Jeez (1) 44:2 Jeff (3) 28:19;31:12,12 JEFFREY (7) 28:17,22;31:10; 33:4,17;38:3;44:8 Joe (2) 29:17;30:22 join (1) 9:1 July (1) 21:4 June (2) 6:22;39:14	
			K	

10:8 legal (2) 30:10;37:25 legalese (1) 6:2 legislation (2) 6:3,4 legislature (1) 21:4 less (1) 43:10 level (1) 33:24 life (2) 5:13;40:6 lift (1) 28:9 lifts (1) 15:14 lighting (2) 14:25;15:1 lights (3) 15:3,7,8 likely (1) 16:10 limit (1) 24:10 line (4) 12:24;14:22;42:9; 44:4 lines (4) 12:25;13:8,11;19:5 link (3) 19:21;20:3;21:17 list (3) 26:21;35:9;38:16 listed (1) 10:5 listened (1) 8:2 listening (1) 28:14 little (16) 4:6;9:18;13:24; 18:19,20;19:4,20,22; 20:4;22:1,2;29:6; 30:13;37:13;40:16; 43:13 live (7) 3:22;18:8;36:17; 39:10;40:1,2,13 lived (2) 39:9;43:6 LLC (1) 43:16 LOBBY (24) 3:1,9;4:8,15;5:3; 8:14;23:2,5;24:17; 25:1,7;26:19;28:15; 29:14,25;32:14; 33:18;34:18;35:19; 38:2,16;41:4;44:7; 45:4	local (7) 21:10,10;22:15; 25:12,23,23;26:13 locally (1) 26:1 locate (1) 33:10 located (1) 9:9 locations (2) 5:16;33:10 log (1) 33:11 logistical (1) 13:16 look (10) 6:2;14:9;15:21; 18:9;31:20,25;37:24; 43:1;45:2,3 looked (2) 31:19;36:22 looking (2) 21:6,10 looks (3) 13:3,3;25:3 lose (1) 42:22 losing (1) 42:4 loss (1) 42:3 lot (13) 7:24;14:2,4,5; 22:17;27:25;29:8; 31:7;34:24;38:25; 40:22;42:8;46:3 louder (2) 18:19,20 loudly (3) 4:17;8:12;38:22 Lowell (11) 29:20,23;30:1,5,5, 6;31:4;32:13,17; 33:16;41:20 lower (2) 15:19;16:22 lucky (1) 36:7 LUKE (8) 8:13,15,16,22; 22:24;26:8;31:2;32:2	makes (1) 35:14 making (2) 16:15;18:25 man (1) 30:9 manner (1) 6:6 many (7) 9:21;10:17;13:2; 15:17,18;24:9;33:3 map (3) 18:3;21:12;45:10 maps (1) 18:4 March (1) 30:9 market (2) 14:6;29:6 Martin (2) 9:19;42:19 match (3) 11:22;12:1;16:13 matter (3) 16:23;22:13;28:9 matured (1) 29:8 may (4) 6:10,13,14;17:17 maybe (2) 31:5;38:5 mean (5) 10:16;30:21;32:21; 36:8,12 means (1) 13:12 measures (1) 20:17 meet (1) 38:6 meeting (6) 3:8;6:25,25;30:19; 38:6;45:14 megawatt (3) 10:9,11;15:25 megawatts (3) 5:23,25;14:20 mention (2) 33:19;34:8 mentioned (2) 4:20;34:20 merits (1) 24:6 MET (1) 5:16 meters (4) 5:20,22;14:15,15 MEYER (2) 38:24,24 M-e-y-e-r (1) 38:25 MHI (1) 16:21	middle (1) 39:4 Midwest (1) 9:10 might (10) 9:12;12:5,7,19; 13:6;21:7,11;23:14; 34:10;36:25 Mike (4) 35:7,7;38:17,17 mile (5) 39:11;40:14;43:25; 44:1,1 Minneapolis (1) 8:18 Minnesota (7) 3:10;6:4,9,13;9:16; 20:24;25:17 minutes (5) 4:23;23:11,12; 24:11;46:11 mispronouncing (1) 29:20 mitigate (1) 37:19 mitigation (3) 14:25;18:23;20:17 Mitsubishi (1) 15:25 model (1) 31:20 modeling (1) 33:23 models (2) 16:20;31:18 modernized (1) 10:23 modify (1) 6:14 money (9) 30:11;36:6;40:1; 41:16,18;42:5,19; 43:12;44:2 monitoring (1) 34:1 monument (1) 41:17 more (23) 5:5;7:15;9:18; 10:14,22,23;13:5,24; 16:21,23;17:3;20:5; 22:18;23:17;29:1,1,2; 30:24;36:6;43:19; 44:2,23;45:17 most (3) 13:10;24:8;31:24 move (2) 39:17,20 moved (4) 39:2,7,22;40:7 much (12) 3:2;25:23,25;26:1, 19;27:3;29:3,15,21;	40:25;41:4;46:9 mud (1) 41:23 multiple (1) 23:20 must (2) 6:5;30:18 Myself (4) 20:21;21:18;22:23; 23:12
N				
nacelle (2) 11:8;12:2 nacelles (5) 5:18;11:2,12,22; 13:18 name (15) 8:16;18:12;21:1; 24:3;25:8;27:5;29:21; 30:3;35:16,20,24; 38:23,24;41:6,8 nameplate (3) 5:24;16:5,24 names (2) 26:22;27:4 Nate (5) 25:3,5,5,9;26:16 N-a-t-e (1) 25:9 nationwide (1) 9:8 navigate (1) 19:21 near (1) 36:24 Nebraska (1) 40:21 necessarily (1) 27:20 need (9) 8:10;11:22,25; 12:19;13:7;14:1; 15:10;24:2;37:8 needed (1) 14:23 needing (1) 29:4 neighbors (5) 18:8;30:12;39:5,6; 40:11 neutral (1) 3:16 new (15) 11:11,12,22;12:2, 22;13:8,18;16:13,20, 20;30:11;31:18,20, 20;43:9 newer (1) 10:22 news (1) 15:1				

next (9) 19:21;24:15;29:16; 32:25;33:1;35:4; 36:11,14;38:21 nice (2) 21:5;28:1 night (1) 15:3 nobody (3) 26:21;31:4,5 noise (6) 30:25;31:14;33:22, 23:40;23:43:1 noisier (1) 31:1 noisy (5) 39:24;40:2;43:5,10, 11 nonchalantly (1) 36:3 none (1) 23:17 north (3) 10:1;25:13;40:14 note (1) 12:23 notice (2) 7:12;45:20 November (3) 39:2,2,13 nowhere (1) 8:1 number (1) 26:20 numbers (3) 9:13,14;44:25	43:3 old (2) 12:16,22 once (4) 7:14;26:23;34:21; 45:24 one (25) 11:20;13:14;14:23; 19:18,19;20:4;22:18; 23:8;24:15,21;26:9; 28:7;31:14,23,24; 32:25;33:1;34:18; 35:8;38:16;41:11; 43:10;45:17,21;46:5 ones (3) 40:20,20;43:2 ongoing (5) 13:5;17:10,12; 26:11;31:3 Online (1) 22:21 onsite (4) 15:15,15,23;16:1 open (1) 41:14 open-ended (1) 40:16 operated (1) 36:12 Operating (1) 25:12 operation (2) 10:5;17:19 operational (2) 5:13;28:25 operator (1) 9:7 operators (1) 25:16 opportunity (1) 4:24 opposed (1) 19:5 ops (2) 15:11,11 option (1) 26:4 order (4) 11:21;12:1;13:8; 35:2 orderly (1) 6:6 original (2) 12:6;20:1 originally (5) 5:7;27:15;28:24; 34:24;36:6 ought (1) 36:11 out (36) 3:4;7:17;8:6,8,17, 24;9:1;11:11,12,17; 12:22;15:10;16:4,9;	17:5;19:9,11;20:25; 21:7;22:5;23:15; 24:25;25:19;26:6; 27:12;31:5,25;32:6; 33:23;34:17;40:1; 41:10;43:6,14;45:22; 46:2 output (2) 5:12,22 outset (1) 44:18 over (12) 3:24;4:5;8:11;9:20; 16:24;19:18;20:20, 20;21:3,20;22:19; 28:6 over-ground (1) 12:14 over-terrain (1) 12:14 overview (1) 9:4 overwhelming (1) 19:22 owner (1) 9:7	per (2) 14:19;16:11 percent (2) 42:18,22 perfect (1) 17:12 period (4) 7:6,15;21:22;22:20 permanent (1) 11:15 permit (35) 3:19,20;4:19;5:7, 10,12;6:10,14,15,18, 21;7:16,19;19:1,15, 24;20:1,10,11,18,19, 23;21:9;22:6,8,9,12; 24:7;27:8;33:20; 34:23,25;37:8,20; 46:7 permits (1) 34:9 permitted (2) 5:24;34:24 permitting (4) 17:7,10;18:14; 37:18 person (2) 31:7;35:4 pick (1) 8:5 picture (4) 11:5;12:12;13:21; 14:16 picturing (1) 13:13 place (6) 6:14;30:7;31:8; 39:3;40:8;41:17 placed (2) 10:6,13 placed-in-service (1) 17:20 plan (3) 11:10;14:13;33:24 Planning (1) 18:14 plans (4) 8:24;10:19,25;26:6 plants (1) 38:13 please (9) 27:4;29:22;30:3; 35:15,19,24;37:6; 38:22;41:6 plenty (1) 7:8 pm (1) 21:23 point (7) 7:20,21;14:17;15:6; 17:2;20:25;23:15 points (1) 18:2	position (1) 15:24 possible (7) 16:8;17:16,18; 20:16;25:23;26:1; 27:3 post- (1) 15:22 postmarked (1) 21:25 potential (9) 17:4;18:22,23; 20:15;21:6,7,8;22:14; 37:19 Power (7) 8:17;9:6;13:1,9; 28:23;29:4;34:19 PowerPoint (1) 19:19 pre- (1) 15:21 presence (3) 9:8,11,15 present (1) 25:18 presentation (2) 23:6;45:21 preservation (1) 6:7 pretty (2) 8:19;27:16 previous (2) 34:19;44:11 primary (2) 19:12;20:12 private (3) 37:17;38:6,8 probably (11) 4:22;9:22;22:18; 23:25;35:18;36:16; 38:25;40:4;42:20; 43:24;46:10 problem (4) 35:21;36:1,18,24 procedural (1) 4:10 process (7) 4:7,9,21;10:21; 19:4,8,14 produced (1) 40:23 production (1) 28:12 project (48) 3:11,14;4:4,11,17; 5:6;8:12,24;9:3;10:2, 3,6;12:5,9;13:22; 15:6;17:4,11;19:2,16, 23;20:16;21:8;22:8, 14,25;24:6;27:3,9,14; 28:24;29:10,12; 30:11;31:17;32:1,4,9; 34:14,21;35:2;37:18;
O		P		
O&M (2) 11:17;15:5 objective (1) 19:9 obligated (1) 33:14 obviously (4) 17:6;24:11;25:22; 26:3 occasions (1) 43:3 October (1) 30:17 off (3) 17:18;22:22;26:22 offering (1) 44:3 official (1) 44:5 off-take (1) 29:10 off-taker (1) 35:1 oil (1)		packet (2) 19:18;22:19 pad (1) 42:1 page (3) 19:20;20:6;21:17 paid (5) 36:12;37:5;40:18; 42:3,19 par (1) 12:8 parameters (1) 16:3 part (13) 13:10;16:14;25:25; 29:5,9;31:3;32:3,3; 33:7,8,13;43:16; 44:15 participating (1) 7:25 participation (2) 3:7;21:14 particular (3) 9:11,12;10:19 past (1) 8:7 paths (2) 12:13,14 pay (1) 37:5 people (9) 24:9,22;35:12; 40:17;42:2;43:13,20, 21;44:1		

38:10;43:8,17;44:6,19,21 projects (10) 9:9,12,16,23;19:6,10;26:3;29:5;31:21;38:11 promised (1) 27:17 proof (1) 27:21 property (2) 41:12;43:22 proposed (6) 5:14;6:21;12:2;14:21;20:15;24:6 proposing (1) 11:14 provide (5) 7:15;18:21;19:9;21:14;45:10 provided (2) 6:20,21 provides (1) 6:10 Public (11) 3:10,21;7:22;12:18;18:13;20:7;21:3,14;45:6,25;46:13 publicly (2) 7:13;44:16 PUC (5) 5:7;17:8;31:22;44:20,22 purchase (3) 28:23;29:4;34:20 put (5) 24:21;28:8;42:1,13;45:17	8:6,8 read (7) 7:22,23;9:13;22:22;23:11,12;26:22 Reading (1) 27:7 real (2) 18:2;30:18 realize (1) 36:8 really (13) 3:3,22;7:23;9:8;13:14;15:15;16:6,19;35:18;36:11,20;38:10;46:4 reason (1) 39:19 receive (1) 12:25 received (2) 7:17;27:17 recently (1) 39:1 reclamation (1) 17:25 record (6) 19:23;20:2;21:15;23:10;24:4;41:7 red (1) 10:1 redo (1) 37:8 reduce (1) 42:24 reduction (1) 18:23 regarding (2) 18:25;33:22 regardless (1) 10:20 region (1) 25:19 Regional (1) 25:13 reimbursed (1) 42:2 reimbursement (1) 41:18 REINKEMEYER (9) 28:17,19,22;31:10,12;33:4,17;38:3;44:8 reiterate (1) 44:17 related (1) 22:13 relates (1) 9:23 relatively (1) 11:23 remain (2) 11:19;32:12 reminder (1) 45:19	removed (1) 32:10 renewable (1) 9:7 rent (1) 42:3 repair (1) 33:9 repairs (1) 33:11 replace (1) 13:11 replacing (6) 5:17,18;10:22;11:1,2;13:25 REPORTER (13) 4:14;5:2;8:21;18:19;21:16;23:9;24:1,3;28:21;30:3;32:15;35:13,23 repower (5) 5:9;12:21;13:4;15:13;44:18 repowered (1) 10:9 repowering (5) 10:15;19:1;20:16;22:8;27:9 represent (1) 25:16 Requested (1) 5:17 requesting (1) 4:19 require (1) 35:1 required (1) 34:4 requirements (1) 44:20 residences (1) 33:24 resident (2) 41:9;44:5 resource (1) 20:15 resources (2) 6:8;21:7 respect (2) 23:22;38:7 respond (5) 28:16;37:12;38:2,4;44:10 response (2) 34:12,14 responsibility (1) 33:8 rest (1) 4:23 restoration (2) 17:24;33:13 restore (1) 33:14	retrofit (1) 15:24 retrofitting (3) 5:15;10:21,21 review (12) 4:6,7,9,21;6:19;18:15;19:3,8;20:10,13;44:16;46:6 revoke (1) 6:15 Rich (13) 4:5,20;6:19;7:15;18:11,12,20;23:3,6;24:18;25:1;33:19;37:12 Rich's (1) 38:5 right (29) 12:13;13:3;14:14,19,20;15:19,20;16:12,16;20:4;26:12,14,17;27:2;28:18;29:14,18,20;32:23;33:18;35:7,8;36:17;38:18;39:18,23;43:4;44:25;45:18 RINGKOB (2) 27:5,6 R-i-n-g-k-o-b (1) 27:6 Rita (1) 40:11 road (2) 32:11;34:3 roads (15) 11:17;12:18,19;31:6,15;32:2,8,20,21,22;34:2;41:25,25;42:10,11 rock (2) 32:7;42:13 role (1) 3:11 room (3) 14:24;17:6;18:5 rotor (1) 14:14 rotors (1) 5:18 Rule (1) 6:9 rules (1) 23:8 Runke (5) 25:3,5,5,9;26:16 R-u-n-k-e (1) 25:10	SAM (28) 3:1,9;4:8,15;5:3;8:13,14;18:13;22:23;23:2,5;24:17,19;25:1,7;26:19;28:15;29:14,25;32:14;33:18;34:18;35:19;38:2,16;41:4;44:7;45:4 same (9) 7:1,2;16:6,7;17:11;18:13;23:21;30:13;42:16 sat (1) 39:4 saying (2) 34:12;43:14 scale (1) 12:8 scenario (1) 17:5 schedule (2) 17:1;26:9 SCHWITZER (6) 8:13,15,16,22;26:8;31:2 scope (1) 17:7 scrutiny (1) 29:3 second (3) 7:3;20:3;31:14 section (6) 11:24,25;12:24;41:12,13;43:25 sections (1) 13:7 secure (1) 29:12 secured (2) 29:10,10 seeing (1) 45:18 seemed (1) 16:16 seems (2) 40:15;43:19 selection (2) 14:8;16:2 sell (1) 27:13 send (2) 21:18;23:18 sending (2) 21:24;22:3 sense (3) 6:16;16:16;38:4 sentence (1) 27:7 September (1) 7:17 service (4) 10:3,7,11,13 services (1)
Q				
quality (1) 40:6 quarter (2) 7:20;43:25 quick (2) 30:22;35:10 quite (1) 12:7 quote (1) 44:25				
R				
radar (1) 15:4 radius (1) 12:16 raise (3) 26:24;38:19;42:23 re- (1) 43:12 reach (2)				
			S	
			safe (1) 13:6 safely (1) 13:9	

42:24 SHANE (3) 38:24,24;44:12 S-h-a-n-e (1) 38:25 sharing (1) 14:3 sheet (1) 25:2 shifted (1) 21:3 show (1) 45:10 shut (1) 42:21 side (4) 4:10;18:16;38:8,15 sieve (1) 43:3 Sign (5) 30:10,11,16,22,23 signed (10) 26:21;27:12,15; 29:23;36:9;41:15,15, 16;43:5,18 sign-in (1) 25:2 similar (2) 26:9,10 simulated (3) 31:17;44:19,21 sit (1) 24:25 site (34) 3:19,20;5:10;6:10, 18,21;7:15,19,19; 10:9,11,18;12:15; 13:11;16:12,16; 17:25;18:7,25;19:14; 20:10,11,18,19,22,23; 21:9;22:5,8,9,12; 27:8;33:14,20 siting (2) 6:5;37:18 sits (1) 11:3 size (1) 14:14 slide (4) 7:11;8:5;22:17; 24:19 slides (3) 3:24;21:20;22:19 small (4) 11:20,23,23;22:18 smart (1) 37:10 smooth (1) 30:19 snapshot (1) 15:17 soil (1) 28:5	solar (2) 9:9;19:6 sold (1) 27:16 solid (1) 23:10 somebody (3) 24:13;27:12,23 sometime (1) 7:19 Sometimes (1) 7:2 somewhat (1) 39:8 somewhere (1) 21:12 soon (1) 17:14 soonest (1) 17:4 sorry (6) 4:12,16;18:15;25:9; 32:15;35:5 sort (1) 45:11 sorts (1) 42:5 sound (7) 31:16,22;32:1; 40:23;44:13,14;45:3 Sounds (2) 4:15;26:16 space (2) 13:17;15:6 spans (1) 9:8 speak (15) 24:10;25:4;26:21; 27:1;29:17;35:5,8,18; 38:17,22;40:24;41:5; 44:9;45:5,16 speaker (2) 23:8;45:6 speakers (1) 45:13 speaking (3) 4:13;23:16;25:12 specific (3) 19:19,20;45:11 specifically (1) 10:25 specifics (1) 9:2 speeds (1) 16:22 spell (12) 24:2;25:7,8;27:4; 28:20;29:21;30:4; 35:15,20,24;38:23; 41:6 spot (1) 32:25 spread (1)	18:5 squeeze (1) 11:20 stabilize (1) 32:8 staff (5) 18:17;20:21;34:9, 15;37:16 staging (2) 13:15,20 stand (1) 32:17 standard (1) 32:1 standards (2) 31:22;44:22 stands (1) 10:5 start (1) 17:17 started (2) 30:8;42:11 State (10) 3:9;24:2;27:4; 29:21;35:15,20,24; 38:1,23;41:6 statement (1) 38:5 States (3) 9:7,10;25:13 Statute (2) 6:4,13 stay (1) 36:8 stays (1) 16:6 step (2) 16:19;39:24 stick (1) 46:10 still (4) 7:8;12:8;13:18; 42:1 straightforward (1) 20:5 stream (1) 12:18 struggle (1) 30:20 studied (1) 31:24 studies (3) 13:2;14:7;31:3 study (2) 44:14,25 stuff (5) 24:10,16;31:7; 33:20;35:11 sub (1) 13:2 subject (2) 14:4,9 submit (3)	21:16;45:7,20 submittal (1) 20:7 submitted (3) 5:9;17:8;20:1 Subp (1) 6:9 substation (2) 5:17;11:18 suggestion (1) 24:7 suggestions (1) 24:7 suitable (1) 42:12 supplemented (1) 13:8 supply (1) 14:6 support (4) 15:13;17:10;43:8; 44:6 sure (5) 3:12;8:12;27:2; 35:6;41:15 surveys (1) 17:9 suspend (1) 6:15 sustainable (1) 6:7 swapping (2) 11:11,12 swing (1) 12:20 sympathize (2) 36:17;41:20 system (4) 6:5,11;15:1,4	technical (2) 4:16;18:21 temporary (2) 12:4;32:4 tentatively (1) 15:4 term (2) 5:12;10:16 Thanks (6) 3:2;8:13;21:4;25:1; 41:3;44:7 That'd (1) 31:2 that'll (1) 4:22 thing' (1) 43:16 third (1) 9:6 thought (1) 40:4 Tile (4) 28:8;33:1,9;34:5 till (2) 33:15,16 timeline-wise (1) 8:3 tip (4) 5:20;14:16,16;16:4 today (5) 6:23,24;11:19;14:4; 17:6 told (3) 39:13;40:13;43:18 tomorrow (4) 6:23,25;7:5,7 ton (1) 33:3 tonight (16) 3:2,23;7:4,25; 10:12;15:12;21:15; 22:4;23:14,16,19,23; 25:14;40:12,24;46:4 top (6) 11:3,25;19:17,19; 20:4,6 Topics (1) 22:4 torn (1) 27:21 total (1) 5:23 touch (1) 17:1 touched (1) 14:22 tough (1) 36:22 towards (2) 17:15;24:5 tower (6) 5:16;11:3,15,24; 30:6;31:8
--	--	--	---	---

towers (8) 11:21;12:1;15:14; 27:24;39:4,9,10; 40:10	6:4,13;13:4;16:3	watched (1) 39:5	17:12	11:24
Township (6) 41:9;42:7,10,17,23; 44:5	undertaking (1) 13:16	way (8) 10:8;16:21;19:24; 22:3;24:25;25:24; 26:5;45:22	worry (1) 23:20	1st (5) 5:8;6:18;21:4;39:2, 13
track (2) 23:13;34:16	Union (4) 25:6,11,23;26:4	ways (1) 22:20	worse (2) 40:25;43:1	2
transcripts (1) 7:23	unions (1) 26:13	web (3) 19:20;20:6;21:17	worst (1) 40:4	2 (1) 6:9
transmission (1) 19:5	unit (3) 18:15;20:23;21:2	WebEx (1) 24:16	worth (1) 27:22	2.2 (3) 5:23;14:21;16:15
tremendous (1) 28:7	unit's (1) 21:1	website (2) 19:20;22:25	wrap (1) 45:14	2.4 (3) 5:23;14:20;15:25
trigger (1) 15:6	up (35) 7:11;8:5;14:15; 20:7;23:14,16,24; 24:1,14,21;25:4; 26:21,23;29:16; 30:22;32:15,17,22; 33:15;35:12;36:9,22, 23;37:10,14;38:5,15; 39:7;40:7;41:15,15, 16;43:5;45:14,17	Wednesday (1) 21:22	wrapped (1) 22:12	20 (3) 4:22;9:21;41:11
Trimont (3) 10:1,2,8	upgraded (2) 42:12,13	weight (4) 23:17;32:19;33:4; 42:12	write (1) 37:14	2005 (1) 10:8
truly (1) 16:25	upgrades (2) 12:24;14:23	weren't (4) 25:14;30:18;42:11; 43:18	writing (1) 21:16	2008 (1) 10:11
try (7) 4:14,17;8:9;16:7; 22:1;24:10;35:12	use (5) 6:8;19:7;20:13,17; 25:22	west (1) 40:14	written (4) 7:5;45:7,9,20	2010 (4) 5:8;10:13;28:25; 34:24
trying (2) 16:13;19:11	used (2) 20:17;40:4	what's (5) 6:17;16:15;34:17; 39:20;41:2	Y	2020 (1) 10:10
tune (1) 43:6	useful (1) 22:18	whole (3) 22:14,19;30:8	yard (1) 15:5	2025 (3) 6:22;7:18,20
turb- (1) 43:24	using (1) 26:13	wide (1) 41:14	yards (1) 13:20	2026 (1) 17:21
turbine (17) 5:16,18,22;11:1,5; 13:1;14:19;15:14; 16:11;31:18,21; 41:12;42:19;43:22, 23,23,24	Utilities (4) 3:10;18:13;21:3; 45:25	widen (1) 32:6	years (5) 7:20;17:15,24;42:4 9:21;36:6,9;41:11; 43:6	20th (6) 6:22;7:6;8:7;21:23, 25;45:7
turbines (9) 5:20,21,22;15:23; 16:1;38:12;41:16; 43:2,9	V	widened (3) 12:19;32:10,10	yellow (1) 9:25	216F03 (1) 6:4
turn (2) 24:24;40:3	version (1) 23:18	wife (4) 39:1,16;40:8;41:10	young (1) 30:9	216F04 (1) 6:13
turning (1) 12:16	versions (1) 23:21	Wind (19) 5:6,9,10;6:5,11;9:9, 12,15;10:9,11;16:22; 19:5;39:3,5,8;40:9; 41:16;42:18;43:4	Z	22 (1) 9:9
turnout (1) 3:3	via (1) 21:17	winter (1) 28:2	ZEBEDEE (4) 35:17,21,25,25	25 (1) 36:9
turns (2) 12:17;32:7	viewpoint (1) 26:4	wish (1) 7:7	zooming (1) 9:18	25th (1) 5:8
two (5) 20:19;31:11,11,13; 39:4	virtual (1) 6:25	within (1) 19:20	1	26 (1) 17:17
type (1) 17:25	vital (1) 29:9	without (1) 41:18	100 (1) 10:9	27,000 (1) 25:17
types (1) 41:23	voice (1) 27:3	wondering (1) 16:18	120 (1) 14:15	3
U	volume (1) 8:19	work (6) 12:10;16:16;17:10, 12,25;19:11	127.5 (1) 5:21	30 (1) 4:23
ultimately (2) 3:18;16:6	W	worked (1) 20:22	146 (1) 5:21	4
uncertainty (1) 14:5	walk (1) 19:6	workforce (3) 25:20,25;26:7	15 (5) 36:11,12;42:18,22; 43:6	4 (1) 7:20
under (4)	walking (1) 18:4	working (5) 5:1;13:19;17:15,18; 26:11	15,000 (3) 25:15;30:23;43:21	4:30 (1) 21:23
		world (1)	150 (1) 5:24	418 (1) 14:18
			15-year (2) 35:22;36:2	480 (1) 14:19
			17-foot (1)	49 (1) 25:12

5				
5,000 (3) 30:21;43:15,20 5th (1) 7:17				
6				
62 (2) 15:23,24				
7				
78 (1) 5:20 7854.1300 (1) 6:9				
8				
86 (1) 5:20				
9				
90-degree (1) 12:17 95 (1) 14:15 99 (1) 10:11				