Input on Draft Proposed Order ) (DPO) for the Boardman to )

Hemingway Transmission Line )
Department of Energy, State of )
Oregon )
$\qquad$

BEFORE
HEARING OFFICER ALISON GREENE WEBSTER

Date: June 27, 2019-4:30 p.m.
Location: Port of Morrow, Riverfront Room
2 Marine Drive NE
Boardman, Oregon

REPORTED BY:
BEVERLY A. BENJAMIN, CSR No. 710
Notary Public

Page 2

| 1 | ATTENDEES: |
| :--- | :--- |
| 2 | Barry Beyeler, Chairman |
| 3 | Hanley Jenkins, II, Vice Chairman |
| 4 | Kent Howe, Councillor |
| 5 | Marcy Grail, Councillor |
| 6 | Betty Roppe, Councillor |
| 7 | Ann Gravatt, Councillor |
| 8 | Hearing Officer Alison Greene Webster |
| 9 | Patrick Rowe, Counsel |
| 10 | Todd Cornett, Council Secretary |
| 11 | Kellen Tardaewether, Oregon Department of Energy, Senior |
| 12 | Siting Analyst |
| 13 | 11 |
| 14 | SPEAKERS: |
| 15 | Sam Myers |
| 16 | Travis Eri |
| 17 | Brian Dougherty |
| 18 | Elizabeth Ashbeck |
| 19 | Chris Rauch |
| 20 | Irene Gilbert |
| 21 | John Luciani |
| 22 | Fuji Kreider |
| 23 | Jerry Myers |
| 24 |  |
| 25 | 12 |

Page 3

> P R O C E E D I N G S
> June 27, $2019-4: 30$ p.m.
> Boardman, Oregon

And now I am going to hand the meeting over to Alison Greene Webster, who is the Council-appointed hearing officer for the Boardman to Hemingway Project and who will be the presiding officer for tonight's public hearing.

HEARING OFFICER WEBSTER: Good afternoon. I think the first order of business, I understand that Council Member Grail has a statement to make.

COUNCILLOR GRAIL: Yes.
For the record, this is Councillor Grail. I 23 do not intend to vote on any Energy Facility Siting
24 Council actions relevant to the proposed Boardman to 25 Hemingway transmission line.

1
2 u
3 i
4

I was employed by Pacific Power from 2001 until approximately 2006. I have no financial interest in Pacific Power, PacifiCorp, or any related entity.
However, as a condition of my accepting appointment to
this Council, I agreed to recuse myself from voting on
any projects owned by Pacific Power.
Given Pacific Power's involvement with the proposed Boardman to Hemingway transmission line, I will be recusing myself from voting on any matters requiring Council action on this project.

HEARING OFFICER WEBSTER: Thank you.
This is the public hearing in Morrow County on the draft proposed order on the application for site certificate for the Boardman to Hemingway transmission line.

I am Alison Greene Webster, presiding administrative law judge at the Oregon Office of Administrative Hearings and the EFSC-appointed hearing officer. I am serving as the presiding officer for this hearing this afternoon.

It is June 27th, the last I checked, 2019. It is now 4:33 p.m. Pacific Time. We are located in Boardman, Oregon, at the conference -- what is this? Port Morrow Riverfront Center.

First up is Kellen Tardaewether, senior siting
analyst at the Oregon Department of Energy, and the lead on the Boardman to Hemingway transmission line facility. She will provide a county overview of the proposed transmission line within Morrow County and summarize the opportunities for the public to participate in the EFSC process at the draft proposed order phase.

MS. TARDAEWETHER: I will try not to yell in my yell-talk.

For the record, my name is Kellen Tardaewether. I'm a senior siting analyst at the Oregon Department of Energy. Thank you, Alison Greene Webster, and Chair and members of the Council.

I am sitting over here because, as most of you are aware, this is our fifth in a series of hearings, and at the first couple hearings I kind of sat at the testimony table to talk to Council. And then really, with feedback from the audience and from Council members, the vast majority of my presentations are for folks that are attending the public hearing, and so I want to orient myself so I can be able to talk to you because most of my presentation is actually for you and also for the Council members. So I apologize to the people that I have my back turned to.

All right. That's me, we're here. All that 24 25 looks right.

2 don't have too long of a presentation, but the goal of 3 my presentation is to, one, go over -- to provide a 4 county-specific overview to kind of let Council know of 5 some of the specific items about the proposed facility 6 and the proposed transmission line within Morrow County.

And then a portion of my presentation is also just kind of helpful hints on how to comment at this
phase, and I'm also going to go over the importance of
10 why we're here to provide comments at this point in the state process.

The slide I have up in front of me is what we call the procedural history slide. So as folks probably are aware, this project has been around for a while. What I'd like to pull out and note about this slide is that this proposed transmission line proposed by Idaho Power, or what we call the applicant, also has a federal permitting requirement that is led by the Bureau of Land Management.

The applicant has gone through what we call
20 21 the NEPA process. That's the federal review process led
22 by the BLM. In July of 2017, the BLM issued its ROD,
23 which is their record of decision, which resulted in the
24 agency, the BLM, basically told the applicant where the
25 proposed transmission line would be located on federal

Page 7
lands.
I'll kind of talk a little bit more about how alternatives or the difference between the state and the federal process on the next slide.

So based on that federal review process, the applicant submitted a revised application. It's this amended preliminary application in July of 2017. The Department reviewed that application, it was quite long, had a lot of information. And we deemed it complete in
October. And so we did a series of informational
meetings from the end of September. But we did informational meetings in October; so we've seen a lot of you folks relatively recently.

At those meetings, we kind of prepped folks for the draft proposed order, which is the document that we issue based off of the information in that complete application. And then there's a comment period on that draft proposed order, or the DPO, and that's why we're here today.

So kind of looking ahead, this is the last of the public hearings, which is the public's opportunity to provide oral testimony and written comments to the Department and to Council. However, as a lot of you folks know, you may have read the notice of the DPO in the newspaper or received it in the mail or via gov

1 delivery or just word of mouth, the previously advertised closing dated for the public comments was July 23rd.

At last night's hearing in Pendleton there
were requests to extend the public comment deadline, and
Council granted that request. So it's extended for 30
days, and the new closing for the comment period is on August 22, 2019, at 5 p.m. Pacific.

If anybody has questions about where to submit written comments, we can provide you that information. However, this hearing is the last opportunity to provide the oral testimony.

So the purpose of these hearings are for members of the public to be able to provide their testimony to the Council members and have them listen. They are also on the record; they are being recorded by a court reporter so we will have transcripts of the testimony. All of this information will be available at a later date.

However, these meetings are not the Council's review of the draft proposed order. So even though I'm going to go over some -- I'm going to reference the draft proposed order or the application or certain things in it, this is not Council's actual formal review of the DPO. That is going to happen at a later Council

Page 9
meeting after the close of the public comment period, which is, at this time, August 22nd, as I just mentioned.

At that meeting Council will review the DPO and they will also review how we, the Department, addressed and incorporated all the public comments received on the record. So that's going to happen later. So more meetings.

Then after that, the document that reflects all of those changes is called the proposed order. And so we will issue the proposed order. When we issue the proposed order, we will also issue the notice of contested case. To qualify to participate in the contested case, you must comment on the record of the DPO, which is why we're here. So thank you everybody for being here.

Lastly, on my looking ahead to-do list, which is in my notes, not up there, I just wanted to let Council know, and I mentioned it at other meetings, that the Department anticipates to issue a third amended project order. It's very confusing because this is a draft proposed order, and it sounds very -- like it's -anyhow, it's an administrative document that really kind of outlines the information that the applicant must provide in the application. So the Department is going
to amend the project order. So that's just for Council's information and for the public, just to let you know.

I apologize that I don't have a better zoomed-in map of the one on the right, which kind of lays out the details of the alternative routes in this area. And I'll just kind of provide a description of them.

So along Bombing Range Road, there is the Naval Weapons System Training Facility, or NWSTF. That's that pink area. And then on the opposite -which that is the west side of Bombing Range Road. And then the white side, or the right side, is primarily agriculture, like irrigated agricultural land.

So there's three routes in this area. The red
23 route is the proposed route. And as you can see, it
24 kind of runs north and south or south to north, but it
25 runs on the west side on the NWSTF or on the Navy's land

Page 11
within an existing BPA right-of-way.
And then there's west -- I guess I can kind of click on this. No, no. Maybe that helps. So west of Bombing Range Road, Alternative 1, is that kind of blue, where it runs down, and it is on the west side of the road, and then you can see where kind of the lime green swaps over on the other side of the road.

And then there is Alternative 2 -- which it's not a great map either -- which runs -- the alternatives
that are proposed on the east side of the road are proposed to avoid impacts to Navy land. And then the proposed route on Navy land is proposed to avoid impacts to agricultural lands.

So those are just kind of high-level summaries of those alternatives. I'll kind of get into the alternatives and how they're treated in the Council's process on the next slide. But I just kind of wanted to go through some additional siting opportunities and siting constraints within Morrow County.

Opportunities are basically placing what I call siting, it's like placement of the facility. And so it's placing the facility in a manner that reduces or avoids impacts to certain resources. One of the
4 opportunities that we talk about with siting
25 transmission lines is co-location; so placing a
transmission line next to an existing transmission line
or within an existing right-of-way to reduce impacts
associated with it. There is lots of co-location in
Morrow County and examples of that.
There is also, as I just mentioned, there is property owned by the Navy, which also has a Research Natural Area, or RNA. There's also a Habitat Management
Area. Both of these areas within the NWSTF are discussed in different places in the DPO. For instance,
10 the Habitat Management Area is discussed in fish and wildlife, and I'm going to talk about the Washington ground squirrel in a little bit. But also the Research Natural Area are discussed in the Protected Area section of the draft proposed order for an evaluation there.

Sorry, I just paused because I just decided I'm going to talk about something else on the next slide.

So in the Habitat Management Area, there is a Washington ground squirrel, or what we fondly call WAGS. They are quite adorable if you look them up. There is WAGS habitat in this area. If there's an active Washington ground squirrel burrow found, that is considered Category 1 habitat by the Oregon Department of Fish and Wildlife, or ODF\&W, and that habitat shall be avoided. And then in buffer areas outside of that

Page 13
active colony, it's like 785 feet, in areas that extend out it's considered Category 2 habitat, which has different considerations and protections by ODF\&W.

So I'm going to go -- I have a couple slides. This is the proposed route and this is the proposed route through the entirety of Morrow County. These tables basically just identify the facility components, like how many towers or multi-use areas, which are considered construction sites are located.

But I'm just going to go to the next one, which these are the breakout for the alternatives in that Bombing Range Road, and I'll just stay on this slide for a little of it to make a couple other notes that I had mentioned.

So the project has the federal permitting component. As the result of the federal NEPA process, and this is just very -- I'm certainly not a NEPA expert, but this is just a high-level summary. The result of meetings that you folks probably participated in in all these siting studies and the BLM issuing an environmental impact statement and a final environmental impact statement, and finally in their ROD was the BLM issuing their preferred route on federal land.

Compared to that and in Council's review

1 what we call a standards-based review. So the applicant can propose any route or any combination of routes and we, as staff, evaluate each route separately and either recommend approval or denial of each route. But we basically look at it independently within the context of whether or not the applicant met each standard; so did they provide information for any of these routes that meets each of the standards. So Council will either approve or deny any combination.

It's not a spoiler alert here, it's on the
first page of the draft proposed order, but the
Department is recommending Council approval of the proposed facility and all of the alternative routes in all of the counties before this project.

So what that means for the applicant if Council ends up approving this facility and all the alternatives and the proposed route, that it essentially gives the applicant the opportunity to select which route they would like to go with. And then throughout the draft proposed order there are some conditions that apply to one route that may not apply to another one.

Just for an example, in Union County there's a condition in the Recreation section that recommends Council impose a condition for different tower structures within the vicinity of a recreational area

## Page 15

1 called Morgan Lake Park. However, that condition is not 2 found or not imposed for the proposed route. So that's 3 just an example of what that may look like.

So if there is in previous siting efforts, if there is a route that is not in here, the Council cannot consider it. And the Council is not going to, cannot, they don't have the -- well, they cannot recommend a route variation that isn't in the application. It is
approval or denial of what is proposed in the application.

So as I had mentioned, there was the record of decision led by the Bureau of Land Management. There's also the Navy has selected to do its own NEPA review for those segments on maybe -- can I go back? No.

Anyhow, the Navy opted to do its own NEPA review, which means the Navy has to issue its own ROD for the transmission line within that area of the Bombing Range Road. I don't think there's folks from the Navy here. They anticipate it to be, I'm unsure, perhaps this year. I'm unsure on what that timeline is.

What I would like to note about that is that 22 there's a section 106 component, which what that means 23 is it's part of the federal review process, and it's the 24 federal agency's obligation to engage in consultation
25 with tribal governments for an evaluation of cultural

1 resources.
2 the draft proposed order.

What's interesting about it is that the tribe, in its letter, is noting that the agreement that they came to with Idaho Power, it can be used for the Council's review and it's discussed in this draft proposed order, but that agreement can also be used for the Navy's consultation or section 106, and also for Bureau of Land Management's consultation. So that's just kind of an interesting note that feeds into the timeline of the Navy's record of decision.

I swear I'm going to be done. I skipped something. There's also -- all my batteries are dying. I apologize, everybody. It's been a long 2 weeks.

There is also a Longhorn substation -- within
this application and in the draft proposed order the applicant proposes the Longhorn substation, which is like a 20 -acre substation here in Morrow County at the
Port of Morrow. In the application the applicant discusses that this is an area that was purchased by Bonneville Power Administration, which is one of the partners with Idaho Power. However, there is some uncertainty about who's going to build the substation first. This is just summarizing it.

So the applicant has proposed it as part of the application. So this draft proposed order and this application assumes that the substation is in and that the substation will be built as part of the application. Therefore, there are lots of conditions that reference things that have to be done at the substation.

So if, for some reason, at a later date BPA does end up building that substation, either the applicant, if it goes through an amendment process, it may remove the substation or merely it is no longer a facility component that would be, like, covered. It would be a moot point that if it wasn't a condition, it would not be part of the facility that was constructed. So clearly that part of the condition wouldn't apply to it.

Let's get on to the public testimony portion.

1 So folks got notice of the DPO in the mail or gov 2 delivery or in the newspaper. It had the comment 3 deadline that has been extended. I'm going to breeze through this. It's a lot of words. There's two parts about commenting at this phase that are important. One is the timing, and you'll see here I did not update my slide.

So that first bullet point is Time Matters. So somebody has to comment in person here today or in writing before August 22nd to be able to participate further in the process. So that's the important part. And you can kind of check that box by providing oral testimony or written comments.

The second part is a little maybe less
14
15 straightforward, but it basically means the content of
16 your comment matters. To really be able to preserve
7 your spot to be able to participate in the contested
8 case, the quality and the content of your comment matters. I swear it's not our fault, we didn't do it, but it says "sufficient specificity" and for whatever that means.

But it does say that your comments should be provided with sufficient specificity to afford the
Council, the Department, and the applicant an adequate opportunity to respond. What that means is we want to

Page 19
1 understand what your comment is, what the issue is. So help us understand that by pointing out, helping us understand the issue. Which I have some of those kind of hints in this slide.

So some of the things that help us understand what your issue is is if you point out specific standards, statutes, or rules that support whether or not the standard or statute, et cetera, has been met.
Stating supporting facts and reference materials. And if you provide a study or reference material, really helping us, like, tie it together, what is your issue, what are you seeing, and how does that reference material support whatever your position is.

Then also just pointing out specific pages in the draft proposed order. If we got something wrong, tell us where we did it or if there is something wrong
in the application, or right, I guess, then help us understand where that is.

And then the other bullets are kind of: Less effective comments are... Which you totally can make them, just please understand there's not very much the Department can do with comments that merely state your support or opposition for the project.

Only providing a copy of a report or a study
24
25 or reference materials without any supporting statements

1

The public hearing comment period on the draft proposed order now closes on August 22, 2019. As Kellen had indicated, it previously was scheduled to close on July 23rd, but the Council granted an extension at last night's public hearing. And you now have until August 22, 2019, at 5 p.m. Pacific Time.

Anyone who wishes to provide oral testimony must fill out a registration form located near the entrance. Department staff can provide you a form if you have not received one yet. If you want to give testimony tonight, please fill out a form and hand it to either Max in the corner here or in the back corner they are holding up the green card. Thank you.

We also have the telephone line open this evening. So can I ask at this time if there is anybody? So if somebody is listening in on the phone and would like to give public comment, please just speak up your

1 intention at this time and we'll circle back to you and give you the opportunity.

I don't hear anybody on the line.
4 So I will call up the people with the cards 5 that I have here. But before I do that, I have at this 6 point four comment cards. I expect that some more will trickle in. Because we have allotted several hours or a few hours for this, I will not put any time constraints on anybody this evening. But I do ask that you be succinct in your comments. And as Kellen had indicated, keep them -- the more effective the better for us.

Any requests that are made to EFSC will be brought up at the conclusion of the public testimony opportunity of the hearing.

Today's hearing, as well as all of the public hearings on the Boardman to Hemingway draft proposed order, are being documented by a certified court reporter, and there will be transcripts of the testimony made available after completion of the public hearings. We are also recording the hearing tonight.

The presentations, written comments and oral testimony are part of the decision record for the proposed facility.

And then for the legalese. Pursuant to OAR 345-015-0220(5)(a) and (b), please note the following:

1 A person who intends to raise any issue that may be the 2 basis for a contested case must raise the issue in 3 person at the public hearing or in a written comment 4 submitted to the Department of Energy before the 5 deadline, which we just indicated has been extended to 6 August 22.

A person who intends to raise any issue that may be the basis for a contested case must raise the issue with sufficient specificity to afford the Council, the Department, and the applicant an adequate opportunity to respond, including a statement of facts that support the person's position on the issue.

To raise an issue in a contested case proceeding, the issue must be: Within the Council's jurisdiction; raised in writing or in person prior to the close of the hearing record comment period, which is, as we have now said several times, is August 22, 2019; raised with sufficient specificity to afford Council, the Department of Energy, and the applicant an adequate opportunity to respond.

And as we have stated previously, to raise an issue with sufficient specificity, the person must present facts that support the person's position on the issue.

We will now begin the public testimony portion
of the hearing. I will ask that when I call the speaker up, the first thing you do is provide your name and spelling and your address for the record, so that the court reporter can have that information.

And the first person coming up to give
testimony is going to be Sam Myers. Mr. Myers.
MR. SAM MYERS: My name is Sam Myers. S-a-m,
last name M-y-e-r-s. Our address is 68453 Little Butter
Creek Road, Heppner, Oregon.
Thank you for allowing me to be here. Again, my name is Sam Myers. I operate a family-owned dryland wheat farm on the eastern edge of Morrow County. I am here with my father, Jerry Myers, who is in agreement with the comments that I'm about to make.

If I could, so I understand fully, when I'm opposed to the project, do I call it the order or the proposed order? Does it make a difference?

HEARING OFFICER WEBSTER: It doesn't really make a difference. If you have concerns about -- you would have concerns about the draft proposed order or parts of the application. So either one of those two would be where you would be addressing your concerns.

MR. SAM MYERS: My argument against the proposed order has to do with and relates to the issues regarding a fire. My arguments do not have to do

1 with -- they assume that the transmission lines are
2 going to light fires and that we have not come to a
3 conclusion that that doesn't happen. So my testimony
4 tonight wants to shed light on the issues that I have
5 regarding a potential fire from these transmission lines.
The damage that concerns me the most is long-term. Even more than the loss of buildings, dwellings or equipment or crops that are destroyed, it is the damage from an in-crop fire that is detrimental to our soil and our livelihood. Buildings can be rebuilt, equipment can be replaced. But the moment a fire hits the soil, the soil can be damaged.

The cropping system this transmission line crosses over is one of our really most prized fields, untouched in many ways from any of mankind's buildings or roads, so to speak. It is our job to manage this field, and we do so, with respect to the soil, as best we can.

We work to maintain the soil. Our livelihood depends on the soil. We have to consider soil organic matter, soil microbes, soil structure, and sequestering as much rainfall into this soil as possible due to our low rainfall area. The soil is our most precious resource, and preserving its health is our top priority.

1 2 from the researchers at Columbia Basin Research Center near Pendleton, Oregon, have revealed to me that a fire in our dryland crop, which this transmission line goes over, does destroy the crop. In their words, a gentleman I talked to this morning, a researcher, I believe his name was Steve, said literally a fire takes the life out of a soil.

Here's what a fire does specifically to a soil. It burns off organic matter. It kills the microbial colonies that are needed for soil health. It destroys the carbon-nitrogen cycle that we depend on to break down the previous crop into nutrients that can be used for the next one.

It destroys soil structure. Soil structure is critical for the ability of the soil to hold water and also for the soil to be able to take higher rates of water into it before it's eroded. Fire also creates a wind erosion potential. In our area that's very critical.

The long-term loss from soil damage could threaten our livelihood. That is because the soil rebuilding process takes years, perhaps 6 to 10 years, to fully recover from a fire. Again, this is firsthand knowledge and counsel from the research center.

## Page 27

1 The revenue loss encountered by the soil destruction would be financially disastrous to us. We currently have no protection from that kind of loss. We are simply exposed to that risk.

The second issue that I think is specific to our area is our climate. We have very dry conditions in the spring, late spring and summer, sometimes into the fall, with low relative humidity. Our area has some of the lowest relative humidity percentages over a cropped land of perhaps any place in the state. These dry conditions do not suppress the ignition of a fire.

The National Weather Service issues red flag warnings. We had one just a few days ago. I spoke with the National Weather Service and had quite a
conversation with the gentleman there. Red flag warnings happen a couple times during June, July, and August in our area, sometimes even into September. These warnings indicate that a fire can spread rapidly upon ignition. The red flag warning is an indication that widespread fire damage can occur.

Now, just to clarify, the Weather Service cannot predict a fire; it can predict the possibility, the probability of a lightning strike in your area. So it also depends on determining fire load and other weather conditions that can make a fire possible.

Page 29
lines started a fire, it could spread for miles.
My goal here today is that you understand that the destruction of our soil resource is very troubling to me. The pennies we might receive from a right-of-way to Idaho Power does not compensate us for the risk we would bear. What is at stake here is our soil.

I would urge the Siting Council to consider this testimony as it specifically relates to this area.
We cannot ignore the environmental damage to the soils
that could happen on an event that is possible almost every year. Red flag warnings, like I mentioned, can be -- we've seen them perhaps on average once a month, maybe twice a month. Like I said, the Weather Service lists those, put those out there so the general public knows that if somebody is going to be doing something that could potentially start a fire, it could spread rapidly and cause massive amounts of damage.

So I thank you for being here and hearing my testimony. When I had considered this project some, almost 10 years old now, I can't believe that for pennies for a right-of-way our farm could be devastated financially. We could be left with nothing. Our margins on that farm are small. There is no protection for a 7-, 8-year yield reduction. We live with that risk, and now we're adding potentially another risk
factor to that environment.
There are other problems on our farm that I have with this. We have an airstrip that will probably be rendered useless because of the transmission lines' location; we have Internet communication that could be interrupted; and the cropping system that we use, most likely I can't use an aerial applicator in that area.
It would make it extraordinarily more expensive to fly
next to this transmission line. So I have a lot to
lose. I have a lot to overcome if this happens.
So I appreciate the Council's consideration of what I hoped to have made very specific, very real, very credible information. We're talking about an environmental problem and we're talking about destroying a resource that could probably, in my opinion, there
might be better ways to serve the needs of power
somewhere else than making me live under such a disastrous risk from the transmission lines.

Thank you very much.
HEARING OFFICER WEBSTER: Thank you, Mr. Myers.

Next up is John -- is it Luciani?
MR. JOHN LUCIANI: I'm not quite ready, please.

HEARING OFFICER WEBSTER: Do you want me to

Page 31
put you at the end of the line?
MR. JOHN LUCIANO: Please.
3 HEARING OFFICER WEBSTER: Next is Travis Eri 4 or Eri?

MR. TRAVIS ERI: That's correct.
6 Hello. Travis Eri. It's T-r-a-v-i-s, E-r-i.
7 Address is 17200 Northeast Sacramento Street, Portland, Oregon 97230.

So to start with, my background, I'm a journeyman lineman, having worked in the Pacific Northwest, earning my certificate right here throughout Oregon, Washington, and Idaho. I currently am the business manager for International Brotherhood of Electrical Workers, Local Union 125. And IBEW 125 represents the electrical workers throughout Oregon, Washington, Idaho, and Montana, consisting of 3600 members in the utility and construction industry in all sectors of construction, transmission, and distrib- -or generation, transmission, and distribution services.

I'd like to start by recognizing all those who may be in opposition of this project for various reasons. My testimony is not to minimize any of their concerns that they are here discussing today.

The IBEW was formed in 1891, and our purpose 25 and our mission was to stand for improving safety in the

1 electrical industry. After over 125 years, our mission still stands as that.

The things that I want to bring to light are the IBEW is in agreement with this project. We're in support of this project for all the reasons identified by Idaho Power. But the most important is for balancing the renewable resources throughout this region and the Intermountain West.

When we look at the constraints that are on current transmission right-of-ways, those constraints lend to high-capacity time periods in which additional transmission lines throughout our regions can help minimize I think some of these fire concerns that a lot of the public has. The more that a transmission line is overloaded, the more likelihood or the potential for the system to fail, and the more likelihood of those fires could occur.

I'm not here to discuss the potential routing as far as the benefits or the considerations that went in prior to this. My testimony is just to discuss the imminent need. Transmission lines throughout this region as well as connecting the Intermountain West are needed in order to balance the peak-and-valley nature of our renewable portfolios.

The energy imbalance market is something that

Page 33
Pacific Power started several years ago, and many of the utilities have joined into this. And it's nothing more than basically sharing transmission authority between different regions and taking advantage of peak-and-valley natures of renewable portfolios.

What it allows for is a reduction in having to spend resources to create new generation, allowing for a lot of our carbon-emitting generation facilities to be able to scale back and take advantage of excess renewable in other areas.

The Boardman to Hemingway line, in what I have seen from the studies, will do just that. It will balance out renewable portfolios within the Intermountain West, and the Oregon and Washington Columbia River Gorge renewable portfolio, taking advantage of those resources at different times when they will be able to exchange power.

The additional benefit, other than easements to those that are affected by the transmission corridors, are also going to be felt through the reduction in necessary transmission -- or sorry, necessary generation being built in order to cover the electrical needs of our communities.

And with Bonneville Power Administration joining the energy imbalance market, all of the

1 communities served along this right-of-way that utilize
2 Bonneville Power Administration energy, will be able to
3 have their rates affected by this in a positive manner.
4 Bonneville will be able to experience the net savings of
the energy imbalance market, which is a net benefit to all of the ratepayers in this region.

The additional construction of the project, of course, is a time-limiting benefit within the region, but also the construction of the project should also benefit the entire region wherever the work occurs.

We have a lot of electrical workers that would be benefited from this kind of construction. Our generation facilities, all of you are familiar with Boardman, the coal plant and the building of the gas-fired plant. Those additional capacities continue to be levied throughout the transmission corridors.

I think that's all I'll submit for oral
comment. We will be submitting written testimony that outlines some of those benefits with the electrical or the energy imbalance market, as well as some of the other workforce studies throughout the region.

Thank you.
HEARING OFFICER WEBSTER: Thank you very much. Next up is Brian Doherty.
MR. BRIAN DOHERTY: Hello. My name is Brian

Page 35
Doherty, B-r-i-a-n, D-o-h-e-r-t-y. My address is 70516 Highway 207 in Lexington, Oregon.

As I said, my name is Brian Doherty. I'm a fourth-generation dryland wheat farmer in central Morrow County. I have five children. My wife Peggy and my son Dan are here with me today.

The B2H project will cut a nearly 4-mile swath through our family's farm. My great-grandfather established our farm at Sandhollow in 1885. It's not an easy place to farm and survive economically. And I think some of my neighbors would agree with me on that.

Over the years our family has supported development that improved life for everyone in our area.
We have over 20 miles of state and county roads cutting
through our property. With right-of-ways, that's a lot
of land removed from production.
There's a substation just above our farmstead and many standard power lines on our property. In addition, there are phone lines, fiberoptic lines, and a gravel borrow pit for the State. Historically we have been very cooperative with these projects for the greater good.

I oppose the B 2 H project coming through my
family's property as it is currently proposed. This
5 project will permanently change the landscape and

1 u

1 W
2 1
usefulness of our property. It will limit the future development opportunities on our property. It will make farming more expensive, less efficient, and our production will be lowered. We can't afford that.

We have never been "not my backyard" people, our family. But if you're going to cut a swath through our land 250 feet wide, make the compensation fair.
Paying for an easement with a single payment, with the possibility of a judge determining what's fair, doesn't sound like a good deal to us.

In 2012, we had the federal government shut down the installation of windmills on our property. I'm not sure we ever got the true explanation of why that was done.

In the early 1980s, my father had irrigation that he legally developed on the west side of our property shut down by the State with regulations that came later on the critical groundwater area. This was an economic blow that was very difficult for us to overcome. Forgive us if we have misgivings about what the government will deem fair.

I don't believe I have the political or economic clout to stop Idaho Power, PacifiCorp, and BPA. But I would like to propose an ongoing lease payment based on each tower or a portion of receipts from

Page 37
wielding costs returned to the landowner based on how many towers are on their land. And I'd like to credit my neighbor Roger Morter for that idea.

You can respond that it isn't done this way, but that doesn't mean it can't be. I think most of the landowners would find this more agreeable. We are not opposed to prudent development for the common good. But we are losing more than the land under these towers.

My view of the Gleason Butte from my tractor seat will forever be altered. I love that view, I've earned that view. We can work with you, but be fair. Recognize that we are giving up more than an easement here. Compensate us fairly, that's all we ask.

Thank you.
HEARING OFFICER WEBSTER: Next up is Elizabeth Ashbeck.

MS. ELIZABETH ASHBECK: E-l-i-z-a-b-e-t-h, A-s-h-b-e-c-k. Mailing address 71384-A, as in "apple," Highway 207, Echo, Oregon 97826. The reason why it's in Echo and not Lexington is they won't deliver to where we live. So we go 6 miles to go get our mail.

Which is why I'm here. I don't have anything on any studies. I have been in agreement with Sam and Brian both of what they have said. I appreciate your time.

1 2 originally from Portland, but I married a farmer, 3 seventh generation. We have one son, and we hope to be a third generation.
5 Where we put our mobile home, our home where 6 we raised our son, is right, this line goes right behind
7 us. It's on our land and it goes right behind us. We a have one of the best views ever, I think per Brian.
Where the line is going is my favorite spot. I can see
Mount Hood, Mount Adams, and Mount St. Helens on a clear day from our top, right where this line is going. It's where I love to spend our time when it's not in crop, we do crop rotation.

My hardest part is if you're not from this area, you might not understand the land and how it works. We border the two men who just spoke. And so when there is a fire from one of these, it will wipe out all of us that are bordering each other. There is no way to stop a fire. We saw that in Morrow in the fires that were along the river this last year. A farmer died trying to put it out with his tractor. So that's very real.

The right-of-ways that have been in the first meeting, from the first meeting Idaho Power said they would just condemn our land if we did not agree to this

1 process. So from the get-go 10 years ago, it has been stressful, to say the least, to have that be our first meeting here, except for in a different room.

So my concern is what was said -- and I didn't get your name, I apologize, and I'm sorry, you just took a bite so I won't... But I spoke with -- we could do comments or questions last time in our meetings here to
Idaho Power about once a corridor is open, the possibility of more lines. And as she said, that once a
line is open, they won't call it co-locations; it's much
easier to do lines down the same corridor. Makes total
sense. Didn't you say that? Once there's a line it's
easier to go down where a line is. You said
co-locations?
MS. TARDAEWETHER: Yes, the siting opportunity.

MS. ELIZABETH ASHBECK: Siting opportunity.
I'm using wrong words.
So once there is a line though it's easier to add another line; is that correct?

MS. TARDAEWETHER: It depends.
MS. ELIZABETH ASHBECK: Yes. Thank you. I
know you're shaking your head no.
But you see them. I've just taken pictures
25 along -- you can just go out here -- not out here. If

1 you go out here, once the lines are open out here they
2 open up. My concern is, we are only one, one house
3 right there on Melville Lane, we're the only one. We
4 were told we were the path of least resistance because
5 we are the only one. I understand that, being a house.
6 7 and you put in more lines, where does that leave our family farm? I don't have any stats on that. And they can say they don't know, but to me that risk is too high. And so that's really -- I don't know how to make stats on that because once it's opened you can't close it because it's there.

So how does that change our way of live and where we live? And we've lived there for the last 25 years. They have farmed there a lot longer, but we have lived there for 25 years.

And so I do appreciate your time. I know that you probably don't know what the land looks like since you haven't been out there. But I do invite you. You have my address, you can come out and see if you would like.

So that's it. Thank you.
HEARING OFFICER WEBSTER: Thank you.
Next up is Chris Rauch.
MR. CHRIS RAUCH: Chris Rauch, C-h-r-i-s,

Page 41
R-a-u-c-h. Just like it doesn't sound. Address, 72967
Strawberry Lane, Lexington, Oregon. I'm managing partner of North Lex Power And Land. I'm also managing partner and owner of Starvation Farms. And part of this runs right through part of this, or both of us.

Wouldn't it be good if this gentleman back
here with the maps could have had it up here so these landowners coming up here could have just looked at it? It would have helped somewhat.

But I want to stress or put my 2 cents in.
North Lex Power And Land, its managing partner is pretty much neutral in this project. Starvation Farms' owner, I'm basically neutral. The one concern I would like to see done probably -- I know how some of these things work. If they could have put it right on the property line it would have been less problematic, put it that way, between me and my neighbor or just on my property line because some of it's strictly on ours.

Being off to the side is a bit of a concern as a farmer. It does add cost, it's kind of a pain in the ass. I'm being quite honest.

The other two concerns is for North Lex Power And Land, and they are actually directed not to you guys. There's like two questions basically directed to Idaho Power. One, on part of this land there's already
a lease with another company. I'm wondering how that's
going to be handled. And that lease could have
something be built on it? And if that is built, what
4 happens then to the power line? Where does it go?
And that's pretty much it at this point.
Unless somebody wants to answer the questions.
HEARING OFFICER WEBSTER: Unfortunately, no
real answers tonight, just testimony from the public.
MR. CHRIS RAUCH: Yeah, I know.
HEARING OFFICER WEBSTER: Thank you though.
Next up, Irene Gilbert.
MS. IRENE GILBERT: Irene Gilbert, Stop B2H
member. And first I want to make -- oh, 2310 Adams
Avenue, La Grande, Oregon.
First, actually, today I'm just going to make some general comments about different areas of the application. But I also wanted to remind the folks here -- I know you don't deal with me that much -- but when people talk about restrictions on the transmission line, I just wanted to remind you that a lot of the big players, like Google, Target, Walmart, Home Depot, all those big companies are trying to get off the grid.
They're wanting to develop their own energy sources.
There are lots of litigation things going on in
different states now because the utilities don't want

Page 43
them to leave the grid or be able to do that. So anyway, that really counters the idea that we're going to have this huge influx of electric need.

Also, the FERC requirement that new renewables have a consistent level of energy coming onto the grid has resulted in, as you well know, a lot of the wind developers are asking to have solar and batteries added to their development so that they can have consistency in the energy that they're providing.

So those kinds of things are going to mean that the projections for this huge need for transmission lines is somewhat overstated.

Now, I've been a member of a farming family, ranching family. And in the Willamette Valley, we raised a lot of cattle, we raised feed for them, we grew trees, we harvested trees. We provided habitat for western pond turtles and endangered species of fish, all kinds of wildlife.

And I can remember at one point having to sit 20 around the table and having one of my sister-in-laws
21 say, I wonder how many cows we would have to raise to
22 make any money. We were selling 200 cows every fall and
23 the prices were so bad that we were thinking, if we
24 raise more will we start making money or how does this 25 work?

A lot of these farmers and ranchers, the average for these smaller developments -- we weren't small, we had a thousand acres, that's a lot in the Willamette Valley -- but here, a lot of these people, according to the data, says they're living on an average of like $\$ 22,500$ a year.

So I can appreciate this line would make jobs for some electricians, and I can appreciate that they would like that. But it also can take away the jobs and the livelihood of a lot of farmers who understand they don't own the land they're on; they are the caretakers of that land. The land owns them. And they're here trying to protect what is -- well, it's just the basis of their entire existence.

So having said that as kind of an introduction, I'd like to remind you that whatever you put in the site certificate, if indeed you get a site certificate issued, is all that Idaho Power is going to be required to do.

So when you don't have final plans for things like fire, and you say it's going to be developed after the fact, you are leaving all of these people very vulnerable because they had no input in what the final product looks like. It's my observation that you have accepted some very bare-bones kinds of plans, and say,

Page 45
We'll work it out later. Idaho Power is going around telling people, We'll work it out later.

They got 31 issues from the weed folks in five counties that they have felt should be in that plan.
Those things are not in the plan. And Idaho Power is telling people, they're telling our commissioners, We'll work it out later. We'll talk about it after the site certificate is issued.

We all know that if people don't ask for a contested case now, by the time those things happen, it's too late. And all of these people that are concerned about it will have nothing. They wouldn't even be notified of what kinds of final plans get approved. So it's a pretty unbalanced kind of system.

And a few things I just wanted to just comment about are notification of people. When you notify people within 250 feet of a transmission line that this line is going to go in, there are a whole lot of people that are being directly impacted who don't even know, who were never notified. It's not a just kind of notification.

I am concerned about groundwater and the groundwater impacts. You heard something about that here from one of these farmers. But when you bring in a bunch of equipment and you start -- one thing, you

1 compress the soils, you tear up the habitat. And 2 feeding the groundwater system is dependent on having a 3 cover of grasses and things for the water to get 4 through. When you take that away, what you end up with 5 is a lot of erosion. When you talk about in these 6 areas, it's not just about water erosion, you're not getting water into the ground table, but you also have issue of wind, and you have windstorms. And they are losing their property when it blows away.

So I'm concerned about wetlands and the fact that this developer is only having to deal with wetlands within the site boundary. Now ODF\&W, I go out to the Ladd Marsh fairly frequently, and they have a sign there on the wetlands that says: Wetlands are the most important habitat in the state. And yet, this developer is being allowed to do things right up next to wetlands, and they are being allowed to tear up wetlands.

They also, for whatever reason, I know ODF\&W rates property as Category 1 through 6 . Some of the wetlands they're rating as a Category 3 . I mean, where do you come by figuring out that a wetlands and the number of critters that are dependent on it, that that would be just sort of an, Okay, let's just destroy it. We'll just kind of make it up someplace else. So I hope you really look carefully at how they're looking at the

Page 47
categorization of some of this. Any water resources that they're saying is a Category 3, I just I can't believe that.

The rating of things like farmlands are very 5 understated. And in fact, one place in the application 6 they said that when lands are rated as farm and grazing, 7 they don't include them in the farmland. They don't 8 include them as part of the farmland. So they said that
right in the application. And they said that someone
10 had gotten ahold of LCDC and made that determination. I
11 can tell you that the LCDC rules don't say that grazing
land is not farmland or the combination of grazing-
agricultural is not agricultural land. It is
agricultural land. So some things like that are just kind of very questionable.

I think I said something to someone the other 17 day about the site certificates are getting a lot better 8 and it's a lot harder to challenge some of the site 9 certificates that are coming out. But this is not the case with this one. And it doesn't have to do with EFSC staff. It has to do with garbage in-garbage out. You have gotten garbage in this application. And so you're dealing with garbage and you're not going to get a good 24 product unless you go back and really look at what's in 25 that application, because it's not the way it seems.

The thing with Ladd Marsh and not talking about the fact that there's a federal mitigation site there. Actually, there are three parcels of land. And ODF\&W receives payment every single year to make sure that those mitigation areas as a result of the Columbia River Dam have, if you look at the documents, those are supposed to have zero damage, zero negative impact. And ODF\&W has gotten hundreds of thousands of dollars to protect those and see that nothing damages them.

Now, when you put a transmission line that's impacting wildlife that are supposed to be utilizing that, that's not consistent with zero damage.

I have trouble with the way they dealt with scenic impacts because basically Idaho Power made up a scale -- it's nothing that's had any kind of research -they made up a way of rating visual quality on a 1-to-30 scale, and then they made objective statements about how different areas are rated on this scale.

And I'm sure when I go to turn in my statements or my written information, I will include pictures of some of these places that they've rated. And certainly one of them will be Ladd Marsh because they rated it an 11 on a scale of 30 . And Ladd Marsh is surrounded 360 degrees with mountains. 11 out of 30 , hmm, strange scale.

Page 49
I'm going to be quick today. You'll be thrilled with this.

One thing, another thing that bothers me a lot in looking through this application is that Idaho Power has rated -- I have a problem with the habitat mitigation anyway because only things that have structures on them are considered permanent impacts normally. But they decided that when you cut down a forest, and they say this line is going to last indefinitely, that that's a temporary impact because it's only going to last as long as the transmission line lasts.

I question that when you have something, when you have a change in habitat that's going to last as long as this transmission line, that's not a temporary impact.

The area around that, along that transmission line where they are cutting out forests, all of it should be habitat that is compensated and mitigated for. At least in the area around La Grande, their surveys for wildlife show almost a hundred species fewer birds than the surveys that were done for Antelope Ridge and the surveys that have been done out at the wildlife refuge.

So I'm not so sure -- and they're looking at this whole line and how many birds is it going to

1 impact. I can tell you, there's information out there 2 that contradicts what they're saying.

Around fires, this is another one. They're relying on local fire departments, volunteer fire departments, to deal with fires along this transmission line. It takes minutes in some of these low-lying dry areas for a fire to go a really long ways.

And I know one fire department in our area said they can respond between 4 and 6 minutes. Well, whoever asked them and they responded, I don't think so. When you have a fire alarm and you're relying on people to leave their work and their houses and get to the fire department, they can't be there in 4 to 6 minutes. So sometimes you kind of have to wonder how the question was asked to get the kind of responses that they say they've gotten.

Regardless of that, the fire issue and who is going to take care of fires. I know Baker County asked for a unit, to have the developer develop resources to deal with fires, particularly in forested areas, because those local fire departments don't have the equipment that's necessary to deal with wildland fires. And that's what you're going to be dealing with part of the time. It's ignored in the application.

The traffic statements that they've made about

Page 51
1 changes in traffic, I haven't looked at a lot of the 2 roads they're going to use supposedly to take equipment 3 and things up to this site, back and forth, but I know 4 in my area they're talking about doubling the amount of 5 traffic that's currently existing on those roads.

Now, it may be legal to add 130 vehicles to a narrow country road, with no sidewalks, like Foothills Road. If any of you are familiar with Union County,
Foothill Road gets an incredible amount of -- bikers
love that road, walkers love that road. There is a lot of just people who use that road. And now we're talking about taking a road that normally gets about 120 vehicles a day and putting another 130 vehicles a day, and that's not even including big equipment. That is a safety issue where someone is going to get killed. Some kid is going to run out in the middle of the road and get killed. Who is responsible for that?

They didn't model noise along a lot of the site, for instance, like the lay-down areas and that kind of thing. I think I mentioned that the other day. They also, as far as noise, there's so many problems with noise I can't even hardly begin to think about it. But they average the noise exposure across the 300-mile line. So when people's exposure to noise is going to 25 run between 20 percent weather that would cause it -- or

1 like 10 percent weather that would cause a corona effect and 22 percent weather that would cause a corona effect, that's a big difference. They didn't look at individual locations, which as I read the rules, that's what you're supposed to do is look at individual locations and what is the difference going to be.

They didn't include some things in their
baseline noise evaluation that, according to the rules, have to be included.

The fact that they took a consultant's statement that it was okay to use a 5 -hour period to establish the baseline noise level and interpreted that, it was interpreted as meaning it was okay to look at a 5-hour period of time to establish how many times a day there was going to be a noise exceedance is pushing the envelope, I would say. So typically you're looking at a 24 -hour period when you look at it.

I would also like to share there was mitigation with LCDC and also with the state courts that say that the noise standard is not subject to de minimus decision-making; it is a yes/no answer. It is a black and white answer. So that is not consistent with saying a certain percentage, whatever the percentage is, if they're over the standard, they're over the standard. And I did provide that to one of your folks here to go

Page 53
back and look at that.
Because I don't think you can say that it's okay when you have litigation already that's gone through the Oregon courts that say it is yes or it is no. It is not de minimus.

So thank you. And you'll hear lots and lots
from me, comments, I'm sure you know. Thank you.
HEARING OFFICER WEBSTER: Thank you.
MS. IRENE GILBERT: Any questions?
HEARING OFFICER WEBSTER: Anybody else that would like to fill out a comment card, please do so. And Mr. Luciani, you are up.
I have a question for you: Is today your birthday?

MR. JOHN LUCIANI: Yes. I'm here on my birthday.

HEARING OFFICER WEBSTER: Happy birthday. MR. JOHN LUCIANI: Thank you.
HEARING OFFICER WEBSTER: It looked like you were very used to writing June 27 of a different year, that's why I guessed it was your birthday.

MR. JOHN LUCIANI: Very good.
I'm John H. Luciani. It's L-u-c-i-a-n-i. My address is 27633 Butter Creek Road, Echo, Oregon 97826. I thank you for being here.

1 I drove to La Grande the other night, and 2 watched as everybody there I guess you would call it 3 testified or said what they had to say. You were all very kind. Everybody listened, everybody was -- I think with interest.

Before I get into what I have to say, it broke my heart, a lot of the cases up there, the people and what they had to say. And so many of them have come to the party late. One nice gentleman in particular, he talked about years and years of getting permits to build his dream home, it's a retirement home, and getting it done in the mountains of La Grande. And we all know how beautiful it is up there. And once everything was finished and he just wanted to live his life, he gets a letter, and he gets a letter in the mail from Idaho Power that says, We're coming through.

And you can understand how obviously shocked he must have been to have that happen with no prior notice, nobody told him anything about it. And he was in shock, he was hurting, and he was in shock. The anger wasn't there yet, I don't think, maybe it was. He was a very gracious person. He just didn't know where to go. And a lot of times we have nowhere to go.

As you can see with my wavery voice, this
25 isn't my strong suit, public speaking. I'm a dirt

## Page 55

farmer. I've spent most of my life on a tractor out in 2 the wild. I don't go that many places, I don't vacation 3 much. My wife doesn't like that very well but that's 4 the way it is. We stay on our ranches and we work.

A little bit of history. It seems to me this 6 has been going on -- I wish I would have wrote down the 7 first time that I had any dealings with Idaho Power. It 8 seems to me it was late '90s. I drove up my canyon to work, as I had hundreds of times before, and something 0 out of the corner of my eye, it caught my eye, and it was basically a piece of Sheetrock that had been ripped a foot in diameter, 8 feet long, in an arrow right off the side of the road. I hit the brakes and stopped and backed up and said, What is this?

Obviously it was something that somebody could 15 16 see from the air. There were two of them on our place 17 that I found. And I went back and told my pop, I said, 18 Pop, what have we got here? He didn't know. And pretty 19 soon there was a meeting that we were all made aware of, 20 one of our neighbors, Frank Mater, my father, my mother, 21 some of the neighbors, went to this meeting. It was in
22 Boardman, as far as I can remember. And the Idaho Power 23 people were there talking about this proposed line and
24 how they had gotten in touch with everybody, and
25 everybody was in agreement and everybody let them go on

2
3
4
5 a
6 1
7

1 t

2
their land.
And I remember my father telling me that Frank Mater got up and said, You didn't get in touch with me. Oh, yeah, we did. No, you didn't. Everybody had answering machines, different things; there was no message. Then my father also got up and said, Nobody contacted me. Oh, yeah, we did. No, you didn't.

So this is what started our relationship with Idaho Power. They trespassed on our land and then lied about it and told us they did, and they didn't. So this is who you're dealing with. This is who we're dealing with. This started our relationship.

After that, I remember quite a while later going to a meeting in Ione, Oregon, where this was the first time that we basically had to speak or to listen to what Idaho Power had to say. And I had several questions, as did everybody else. And there was a gentleman there, I will never forget, named Keith Jorgenson, he was in charge of the project at the time. And he came up to me after the meeting and said, Well, John, what we basically want to do here is we want to get along with you, being the landowner, before we have to come in and take it. And I said, Take what? He said, Your land. And I remember him standing next to me , he hit me at my waist, and the first thing I wanted

Page 57
to do is, I don't even want to say. How could a person say that to another person? What I came away from that meeting with is the arrogance of Idaho Power.

So I had somebody that's trespassed, that's
lied to me, and now threatened to take my land. So this is who we're dealing with. And I don't think anything has much changed.

Over the years, we made an effort to once work with Idaho Power; that didn't work very well either. I remember I got together with my neighbors, the Hawkins boys, and we met with a man called Terry Martins, and came up with somewhat of a plan. Terry said, Okay, I'm going to go home and go back and propose this and we'll see what we can do. And it seems to me a year and a half went by, and I finally got in touch with Terry. He said, Well, I will meet you at your shop. And I remember these guys by heart, it was Terry Martins and Jeff Maffuccio, and it was Todd Adams, if I'm not mistaken. And we sat down and talked a little. I said, Well, did -- the issue at the time was it was going to go right through our wheat land, and I didn't want the trellis towers. And so we were proposing mono poles at the time. A mono pole being one pole.

And I remember Terry saying, You know how big those are? I said, No. He said, Well, they're 16 feet

1 in diameter, and they're going to go all along your road. So I said, Okay.

We had the meeting. They showed up at my
shop. I said, Well, did you take that to the engineers?
5 What did you think? He said -- I remember Terry looked
6 at Todd and he says, Did we ever submit that? After a
year and a half of waiting. So obviously he didn't
submit it. He didn't have any -- he didn't care.
Obviously I waited a year and a half thinking we were getting somewhere.

I said, You guys, we're done. I'm done with you. I will never talk to you again. You will never come on my place again. We got up, they left, and that was the last I had any dealings with Idaho Power, other than emails and a few things that I've said along the years.

How can a company, 306 proposed lines -306 miles long, a company in another state, dictate to me that they're going to run through my property, ruin my life, possibly ruin my profession, anything I have, anything I've worked for over my life, my father, who's now deceased 2 years ago. The arrogance to think they can build a 306 -mile transmission line, ruin thousands of lives, take their ability to make a living, on and on it goes, and to think they can get away with doing that.

Page 59
1 obviously, but we were also told the cancer factor. 3 We're going to be working under these things. You 4 cannot park your equipment under them, which we're going 5 to have to when we're harvesting, when we're working, 6 they drain the batteries.
equipment because if you grab a catwalk or something to
get up in your tractor you can be shocked and killed
from the static. How do you ground a farm truck that
goes to the elevator every few hours? How is that possible?

I can't use a spray plane anymore to spray my crops when I need it. Not that I do that often but there's times when I need to. The land values, what that's going to do to the value of my farm, which I just now own myself.

I also understand, and this is one of the things I asked, I have questions, I understand by law that this has to follow the power corridor. It's not supposed to go over private ground. Nobody has answered that question to me. There is a power corridor, and by law, this is supposed to go along there.

Over the years coming to these things, there's
24 25 probably five or six of them that I have talked at,

1

2
3 A

1 it.
everybody talks about high-value irrigated ground, and we can't do that and we can't do this. But there is a power corridor. Here is my question: This line is supposed to go along a power corridor. Am I mistaken?
Can somebody answer that for me? An established power corridor.

HEARING OFFICER WEBSTER: I can't answer that.
Idaho Power may make some commentary tonight, somebody
might help out that may be able to address that. But as
Ms. Tardaewether indicated at the outset, EFSC's job is
to determine whether the proposed route -- it's sort of a thumbs up or thumbs down on the proposed route. So EFSC is not in a position to identify a better alternative necessarily. They're just dealing with the route that's in the application.

MR. JOHN LUCIANI: I appreciate that. I understand. Thank you.

This is a problem. We have a lot of questions and no answers. It's been -- well, not comical, it's just been to me over the years, watching this change, and it's always who's who. And it started out going one direction and, Oh, no, I can't have that. So then they change it. Seems like they always kick it south. Then it went here and then it went there, and then it went here, and then Pendleton can have it. No, we don't want

Page 61

So it's basically down to us that are left.
And I feel the less important, the out of sight, out of mind nobodies, because we're an easy target.

There's men on this Council here, if somebody knocked on your door, came in, wanted to rob you, do whatever to your family, you guys would not allow it. I know you wouldn't allow it. No way. Women here, hopefully you're all armed, hopefully you have been trained. You wouldn't allow it either.

I'm not going to allow this line to go through my farm. Everybody is very aware of it. I've been very boisterous about this through the years. I don't understand how anybody could allow this to happen. The carnage that it would cause to our farms, what's going to happen to it, on and on it goes.

And we have nowhere to go. We are up against a wall. We are backed in a corner. I thought for years that our Council members would not allow it, zero, nothing, zero. Like they don't care.

I always knew that the Port of Morrow wanted this. They were the only ones that I knew that wanted it. Nobody ever explained to me where this tower is going to go. At first it was going to come up, it was going to go to California. Then no, it's going to take
a right, it's going to go east.
2 Now I hear that all these data centers who 3 were all in, all of us are in there, isn't that pleasant? And may I say, the planning commission, the 5 Port of Morrow, they are going to regret the day that 6 they let these data centers come here. Some day they're going to use all the water and all the power. And right now there's no power to run the rest of them. I guess there's two or three built. I don't know, I don't care. And there's probably five more to go.

What is going on? Who allows this fiasco in our backyard? So is the Idaho Power line going to feed these? I don't know. I don't have the answers. Nobody is willing to say anything. And you think, you think that your elected officials are going to help us out here. They wouldn't allow this to happen to us, have somebody ruin our farms.

Then you find out, I read about Greg Smith the other day, being the big buddy of the people of the Port of Morrow. It's almost like he runs his own Clinton Foundation. It's mind-boggling and unbelievable to me, but he's obviously not going to help us out.

So I have nowhere to go. Nowhere. Nobody is willing to listen. But all I know is Mark Stokes, project guy, engineer, project leader, you're not coming

Page 63
through my farm. I won't allow it. Jeff Maffuccio, who I have talked to I don't know how many times before, facilities siting coordinator, you're not coming through. I will not allow it.

And can you imagine 300 miles of pissed-off people when this gets rolling, and I will hope that there will be civil disobedience with this fiasco, that will not allow it to be built. I pray every night and all day that this line is not built. It has stolen my joy. This goes on every day, the stress, the thought of it.

It's like a bank foreclosure. You're waiting on a bank foreclosure that goes on for 15 years. It has stolen my joy. I'm not happy about it. I'm very angry. And I will not allow it to be built on my farm, to ruin my ranch, my family's ranch. It will not happen. I won't allow it.

Thank you. And, no matter what happens, we all have to look in the mirror every morning. Please do not let this happen. Please do not vote and let this happen. Thank you.

HEARING OFFICER WEBSTER: Thank you.
We have one more comment card. I don't know
24 if Council is going to have questions for -- we have two 25 more comment cards. And I don't know if Council is
3 reconvene in about 15 minutes, then we'll hear from the
4 last two. Give people an opportunity to, if there's
5 anybody here that hasn't filled out a comment card that
6 wants to do so, please do so during the break.
7 We'll reconvene about 6:40.
8 (Recess taken.)
9 HEARING OFFICER WEBSTER: It is 6:44. We are
10 back on.
1 My understanding is that we have somebody that
12 has joined us on the phone that would like to give
public comment as well. If you're out there, would you
please make yourself known.
Well, I will come back around to triple check
in a minute.

17 But here in person to give testimony tonight is, coming up next is Fuji Kreider.

MS. FUJI KREIDER: Good evening. Fuji Kreider, 60366 Marvin Road, La Grande, Oregon. Thanks, and thanks for hearing from me again.

First off, I want to thank you all sincerely, all of you, Council and the staff, for the action that you took last evening. That was to extend to the comment period another 30 days to August.

1
2 t
going to have questions for Idaho Power tonight. No?
Why don't we take a break now and we'll reconvene in about 15 minutes, then we'll hear from the last two. Give people an opportunity to, if there's anybody here that hasn't filled out a comment card that wants to do so, please do so during the break.

We'll reconvene about 6:40.
(Recess taken.)
HEARING OFFICER WEBSTER: It is 6:44. We are back on.

My understanding is that we have somebody that public comment as well. If you're out there, would you please make yourself known.

Well, I will come back around to triple check in a minute.

And I want to say, and maybe you were starting to observe from the prior meetings, that you weren't getting people testifying with significant specificity, or whatever the word is. With the first month, with the draft proposed order in front of us, as I mentioned to you last night, people are very, very confused. And the draft proposed order doesn't have the same table of contents as the exhibits and this and that, no numbers and attachments, and other things. It was just getting to be crazy lately. So I really appreciate the extra 30

I think at this point, most of us have navigated the table of contents and we understand what documents we have to look at and all. So this gives us a little more time to digest it. So thank you for that.

You know I've been at all five of these hearings, you've seen me, most of you, that also have been at all five meetings and are probably as tired as I am, or more so, you have to sit and pay attention.

But I thought that maybe tonight because I too am going to submit my written comments by the deadline, but I thought I'd take a little time tonight because you don't have a lot speakers. As one of the gentlemen said, it's not really in the culture of east Oregonians to do a lot of public testimony; so we're slow at this.

1 But I thought that maybe it would be good for you to 2 just know who I am and a little bit about my journey 3 that got me here and why I'm passionate about this issue and keep coming to all the meetings.

I live in La Grande. For about $61 / 2$ years my husband and I left and we worked internationally and we worked in international development work, democracy, governance, in the Balkans predominantly --
international development work in democracy and governance processes as an advisor, and also with climate refugees. And so I am also very passionate about climate change and climate issues.

We returned in the end, the very end of 2008. In early 2009, just feeling all this -- returning from being abroad, you have a lot of stuff to adapt to. But a big thing was our neighbors. We've been in La Grande since ' 87 , prior to that in Boise actually. So I know a lot of the Idaho Power people, too.

But there was a stress. What is going on here? What is happening to the community? People were, like there was this big thing about this power line. And neighbors were pitted against neighbors and everybody was pointing their fingers, No, it should go there, it should go there. It was like the neighborhood was pretty much falling apart.

## Page 67

1
2
$\qquad$
4
5
19 can all agree to, and we can stop this infighting in the
20 neighborhood, is we don't need the line. So let's
21 organize and start to fight it. This was the beginning
22 of the Stop B2H Coalition. That's our little story to
23 tell you.
24 However, I said to the group even, and then
25 thereafter in the email threads, We sound like a bunch

And now, prior to leaving and continued when we returned, I manage the neighborhood listserv. In my neighborhood, which is Morgan Lake neighborhood, you heard from many of my neighbors the other night, I manage the listserv. We have no fire protection so we had to keep in touch with other each; lost pets, the cow is out, a fire is starting. So we keep in touch.

So the stress, I was like, Okay, what are we going to do? So we got everybody together. A lot of people had gotten letters from Idaho Power at that point. We got together and said, Okay. What's going on? What can we agree to? Can we figure something out?

The only thing we could really agree to was nobody wanted the line. That was a no-brainer. Of course nobody wants a line. But it's not needed, we don't get a substation, there's no power for us, all of these things. Not to mention all the environmental issues, et cetera. So we said, Okay. So one thing we can all agree to, and we can stop this infighting in the neighborhood, is we don't need the line. So let's organize and start to fight it. This was the beginning of the Stop B2H Coalition. That's our little story to tell you.

However, I said to the group even, and then thereafter in the email threads, We sound like a bunch

1 of NIMBYs. And we are NIMBYs unless we really understand what this is about. We've got to find out what the need is and why they want to do this.

So that started our research. Then from there, we started our group. People started researching their various options. We were in the EIS process at the time. Some people got into environmental stuff. And you guys know Irene, she's the EFSC, blah, blah, blah.

Myself got into the real, what's the real need. So my husband and I, and occasionally two or three others, went to Boise every month for 8 months the first year, and then a year and a half later 8 months again with transmission workshops, and then over to the PUC in Salem, et cetera, et cetera. Some of this I told you in Baker. And we educated ourselves. We had to find out.

I wanted to know: Am I going to be on the wrong side of history here? Does Idaho Power really need power? Does Idaho need power? I lived in Idaho. I love Idaho. Do they need the power?

So in the beginning this started, by 2026, 351 megawatts of power, Idaho Power will be short because they're closing the coal plants. Right on, they're closing the coal plants. I'm a climate

Page 69
activist, too. So great thing.
350 megawatts, huh, 351 as a matter of fact is the number. That's not -- let's figure this out. Let's see how it goes. So in these IRP meetings, Integrated Resource Planning meetings, coming up with other stuff, other ideas; solar, wind, renewables, et cetera. Oh, no, oh, no, that's too far out into the future. We can't have that. That's too far out in the future.

So over time now, two IRP rounds I've been, and I've testified at three IRP rounds with the Public Utility Commission, Idaho Power now has portfolios, that's what it's called, how to satisfy need, they call it portfolios, they have portfolios with solar, battery storage, wind storage, pump storage. Now, some of them are astronomical prices, don't get me wrong. But a lot of them are within reason.

They have 24 portfolios to meet their need; they have 12 with B2H, 12 without B2H. Now, you don't need to hear about the 350 megawatts any more at these meetings. That's long gone. They put on 480 megawatts of renewables already in southern Idaho, not counting the Jackpot holding solar farm that I talked about in Baker.

This is just context for you guys. I know you're not going to deal with this need stuff in this

1 way; it's a Public Utility Commission thing. But I want 2 to give you the backdrop. The backdrop is: There are other ways that Idaho Power can meet its needs.

Now, the more recent need is about capacity.
You don't hear any more about 350 megawatts, coal plants
6 closing; now it's about capacity. So what about
capacity?
The last go-around with IRP, capacity comes
up. We're researching and learning a lot more about
capacity nowadays. I can tell you from these meetings and what their options are, there also are choices. Do not feel in a lurch about this. There are plenty of other choices. And every time we go there are more and more options. Technology is improving, costs are going down.

For example, something like batteries, which could really, very much it's a game changer for transmission. You've got batteries that are not just battery storage for a solar farm, they actually provide voltage regulation, they smooth the balance on the grid, the peaks and valleys of renewables. Batteries actually regulate that. So they offer about six different ancillary services that can help and secure our grid. And they're not just a storage option, although that is what they do as well.

## Page 71

So as I said, I'm telling you some of this more to put it into context of the urgency or the need that you hear out of Idaho Power, and why so many of us who have so much at stake, and you've heard a lot from people over the last few days and last week, that it would be one thing, if there was no other way; but we know there are other options. This destruction of people's lives and land and habitat and everything else, and the risk of fire, has us all really on edge and living in fear.

And I want you to know there are other ways and don't feel like your feet are being held to the fire.

It was mentioned tonight a little bit about EIM, energy imbalance market. The energy imbalance market exists already. They're all involved. Idaho Power has been over a year, a year ago April in '18 or whenever they joined finally, okay, it sounds good on the surface. Again, another green thing, let's move the energy around. It's good in that way. But it isn't that you have to have this more transmission to be part of the EIM. The EIM exists, people are participating. And I can tell you, they're making a lot of money.

The EIM also makes a lot of money. So if you

1 make more money. It doesn't really change our life.
2 I told you about storage. Anyway, the
3 interesting thing in all of this is when we also got
started, we researched and learned a lot about the energy industry, and seeing that the future is not going in a centralized grid; the future is in a decentralized grid.
line is going so close to the city of La Grande that has

Page 73
everyone on edge. We are more on edge than ever.
You heard from my neighbor, lives right down the hill from me. Her house burned in '74, the last big fire. You go to the fire museum in our town, you see where the fire burned. It nearly burned the whole city down and the hospital. Look at where the line is. It's just mind-boggling to many of us that you would even consider, the company could even consider putting a line so close to such a population base.

Now, jumping around a little bit. But you've heard a lot of -- what I meant to say in the midst of all this, the line changes a lot. You heard that from other people, too, how it moves this way, that way, whatever. Some of that, from our experience, was interesting because the two routes that you're looking at in Union County, what the company is looking at, did not exist in those early days of our organizing the Stop B2H Coalition.

And I can't help but keep this mantra in my head: No good deed goes unpunished. Because when I was part of this coalition initially, we were trying to protect the elk herd. It's a really big elk herd, it's very popular. Most of you have heard about it. People will say it's the next big thing after Jackson Hole, and we need to protect the big game going through the Morgan

Lake area.
Well, now the power line is in my viewshed, and I generally do not disclose this. I like to think of myself as an activist; I'm not a NIMBY. I am not 5 looking to move the line. I am telling you the line is 6 not needed, but I am directly affected and I have to disclose that. Most of the people know this, Idaho Power knows where I live. So I might as well put it out to you there.

I will have, without a tree blocking my view, four towers across my viewshed and then the big span across Morgan Lake Road over to the next hillside. Hanley knows where I live, too.

But the thing is, just like some of the people you heard tonight, it's our life. And now I'm not a farmer; so it's not my livelihood. But there was many, many days, many days living abroad, working in hard conditions, when the only thing that could pull me through was the vision of my view. Now, you might not think viewsheds have a lot of value. Viewsheds are priceless. That viewshed is what kept me going. When I returned and working on this project, day in and day out, I work -- I have big bay windows, and that is where I look out on, and it is what keeps me going and it is why I am working so hard to protect it.

## Page 75

1 2 this. Now I'm totally sucked in as an energy activist, 3 a climate activist. We will be in front of the PUC next 4 spring, and on and on and on.
5 You heard a lot about -- and I will dip into a 6 little bit of the project and will write about in our 7 comments, I won't tell you anything I just told you in 8 my comments, but I will write things about, for example,
9 the boundaries. The boundaries are very, very
10 questionable. The boundaries in front of my house are going to take another piece of my land across the way of the viewshed. There's a road to a nowhere. It's a road to a tower. It doesn't connect to anything. It doesn't connect to the road of my house. It doesn't connect to the Morgan Lake Road. There is this road to nowhere. That is one little boundary.

There is boundaries around all the spur roads and all of these different access roads. Some are in the project; some are not in the project. What is the rhyme and reason there? Is it because Idaho Power doesn't want to have to notify people because of where the certain boundaries line are that we incorporate more people? Is it because of mitigation and not wanting to mitigate in certain areas? It's not clear.

But that part of the application in and of
itself is a big problem. And you can just start there and everything will flow from there. Because if you don't have those boundaries right you have to do the notification over again, and you have a lot of problems. So that is the first big thing.

You heard in La Grande about the blasting, about the slope for the Mill Creek route. We have got soil, loose soils, slopes, the hospital right there, you have got problems with that. You heard a lot about that. And I didn't even realize about -- I knew a bit about soil health and whatnot, but listening to Sam Myers speak, I was like, Wow, this is quite an issue with the soil biochemistries as well.

Noise, you have listened to noise the other night, the guys that have disabilities and then are going to have towers over them and the noise factor.

The roads, the amount of roads is
17
18 u
19 r
20 ju
21 t
22 a
23 t
24
25 people you've heard speak about, the effects on unbelievable. When you think of 670 miles of access roads, 400 miles of new or improved roads, the weeds are just -- you just can't even image. It's not just a cut through the land and then some of our landscapes, these are scars, these are big scars because they are not all treed, it's mixed, as you know.

But the weeds will be phenomenal, as many
agricultural land with those weeds, the cost involved in that, the property owners just dealing and contending with the weeds. The health of the rangelands that we have, the habitat, the big habitat issues with more weeds on the rangelands.

Habitats, you heard about Washington ground squirrels, I do know a little bit, I lived in Morrow County, Washington ground squirrels. Most of Morrow County's route has not been even surveyed yet for
10 Washington ground squirrels. So you have got issues 11 there.

1 by many people, I'm sure.
Tourism, recreation, I mentioned Ladd Marsh, but who in their right mind would think about putting those transmission towers in line, in front of the
5 National Historic Oregon Trail Interpretive Center in
6 Baker City. This is their premier tourism destination.
7 We do not have much economy going on out here except
for -- after you get ag and timber, the next thing is
tourism. Yet, we are expected to just stomach this line
10 coming through and across some of the best tourism and
recreation areas that we have. Not just off the beaten path where you won't see things, these are coming right into the areas that we depend on for tourists to come, not an annual festival, even just local people day in and day out.

The viewsheds, like I said, I feel like a "me 16 17 too." My viewshed, the quality of life and how peaceful 18 it all is for many of us. And I know a lot of people 19 come and they think it's just bare ground out there, 20 just sagebrush or whatever. But this is the vista the 21 pioneers saw when they came over Flagstaff Hill and saw 22 the Baker Valley, and they came into the Grande Ronde 23 Valley, these huge open vistas. And these are things
24 that are very dear to us and spiritual to us -- and I'm
25 going way too deep -- the forest as well. But we all

Page 79
1 have different things that keep us centered.
2 So the big wide open spaces is a big deal for 3 many of us, and please do not discount it. Real 4 property values, my property value for certain is going 5 down. I talked to the appraiser to come up and give me 6 an appraisal. There is no way. I live in a remodelled 7 trailer basically, but I have got a million dollar view, 3 and that view is going to be gone. So I'm just going to have my little mobile home that is worth nothing. I mean, property values is also a big deal for many of us.

Eastern Oregon University, it's a rural university, they have to make a go of it. We don't have a state board of ed anymore. And you stand on the campus and you look up at the hillside, and there will be a transmission line. Now, I know when I was looking around at colleges with my parents, we looked around and saw how pretty and how nice it was or what you could do, what was the recreation in the area, et cetera, et cetera. And I just look at that and I think, how could that not affect recruitment, recruitment at our premier rural college, or a rural university for the state of Oregon.

Anyway, the last kind of parts that I just
24 wanted -- I'm jotting some notes down and wanted to 25 share are big ones in the news. The real big ones

1
lately in the news is fire and grid security. So back to industry, energy industry, and all that again.

A centralized grid is becoming less and less secure for us. I mentioned the fire before and I mentioned planning for microgrids, like we are doing on the coast for the tsunami. We need to be planning from a bottom up grid, not a top down grid. It's going to be a very difficult transition. Just think of what Ma Bell went through and the telephone and the telecom.

But a centralized grid is very susceptible, not only to the weather that we have, the trees falling down, whether it's an ice storm or whatever and taking out the grid, taking out the grid, having Cascadia failure for many, many communities, or even states, but also cyber attacks.

So we know that we are hacking the Russian grid and we know that Russians are hacking our grid. We have domestic terrorists. Look at where we live. We had a Malheur takeover not too long ago. Don't kid yourself. This grid security stuff is big stuff. We have to be planning differently.

And I know this isn't your gig, it's more again to the PUC, or even beyond them, because they don't even really get into that level. But it's in the news a lot, and people are not confident in continuing

Page 81
the path of investment, a $\$ 1.2$ billion investment that we are going to be paying 30 years or more for something that is already outdated. So the grid security issue is problematic.

And then fire, fire, everybody talked about fire, you all heard about fire. We live in fear of

Now, the BPA recently has done a really good move. First of all, they canceled out of the I-5 that, he said, We are going for the more wireless solution. That's the future. It's not really wireless. What it is we are talking about is building generation closer to load so you don't have so much transmission.

Now, you are still going to have distribution.
I'm not talking -- it's funny they use the word
"wireless solution" because it's not totally wireless.
But when you build close to the load, you do not have
the transmission losses of 12 to 20 percent transmission loss. You do not have these risks of cyber attack as much as you would with the centralized grid. You don't have as much fire risk. Smaller lines, less heavy.

And BPA is upgrading, they are moving towards

1 the more digitized grid, smart technologies in the substation. They are moving to maintaining their current infrastructure. That's the recent stuff with their budget. We've been analyzing their budget and seeing where they are putting their money, which, by the way, they still have not budgeted for B2H, except for permitting, but they are putting money into fixing their poles, their lines, their corridors and investing there. These folks are really, I think, looking to the future.

Now, maybe necessity is the mother of invention, and BPA is in a world of financial hurt, whereas, the other two investor-owned utilities, they are not in a world of hurt financially. As a matter of fact, they just continue to see the dollar signs in their eyes. Because, again, when you have this transmission line, it isn't just for free.

So all of our wind farms and all or our renewables are also going to have to pay wielding charges on these new lines, this new line, and it's not going to be a cheap thing for us. Who gets those taxes or those tariffs on those lines? The companies that own that line.

Again, back to the energy imbalance market.
It isn't just sounding nice, we move around energy. We are talking big money and big profits here.

Page 83

1
2
3
4
5
20 of something really new and really cool. I think we are
21 investing in renewables that we need to be investing in.

So that's the bottom line, that's what we are up against. And all of us who have our lives, our livelihood and the people that you heard from for the last 2 weeks, I hope you hear us, because this is what we are up against. It's basically a David and Goliath kind of thing. And we are going to do the best we can. We are not going to go away. We are not going to stop, because for many of us, this is all we really have. So we are going to keep working at it, and we are going to do the best we can. Like I said, I'm trying to not personalize this.

Dealing with the standards you have, the application, the DPO, we are going to do our best research, we are going to send you the best comments we can with they extra 30 days you gave us.

But it's been really stressful, extremely of something really new and really cool. I think we are investing in renewables that we need to be investing in.

The regulatory reforms, for 8 months I was involved in this process, Senate Bill 978, about the regulatory reforms that have to happen. We are
investor-owned utilities can be incentivized to take some risks, to not just go least costly, least risk portfolio. Maybe take a little more risk, do something a little more innovative, more towards the green energy future that we are about to head into. And the market is going to do that for us. I know it will.

But I think here in Oregon we have something going for us because we are moving in that direction already with the regulatory reforms on the table, if
they ever get back to work. That's another story; right?

And part of that is green energy jobs, not just putting solar panels or whatever, but I'm talking about insulation, windows, new building codes, energy efficient appliances, and on and on and on. We have so much of an industry that can be emerging for us, especially in rural Oregon where we don't have so many opportunities. But a handful a transmission jobs, 4 to 6 months? First off, 4 to 6 months, 25 percent local hires for 245 jobs. How many jobs does that come to and what are they going to do? They are driving some trucks around, cleaning up stuff. No real long-term jobs. Under 10, it's confidential, but we know -- so it's a handful of jobs that will be the long-term jobs.

When you can think of all the green energy

1 jobs that we could create with $\$ 1.2$ billion. Change all
2 the poles, re-conductor. They have five lines coming
from the Pacific Northwest into Idaho, five 230 lines,
they could all be re-conducted on the same poles, the same corridor, and up them to 345 s , at capacity. Do the math on five of those lines. There are ways to do this without building a new infrastructure and a new corridor.

And co-locating? You co-locate, you can't tell me that if a fire takes out the 230 line in my neighborhood, that the 500 kV standing 125 feet next to it isn't also going to go down. This is not redundancy and resiliency that they are prophesying that it would create.

I'm sorry. I'm going on longer and I'm rambling.

But I trust that you guys will protect us.
The standards are good and meant to protect us and put in conditions that are workable.

Now, they are starting to get outdated, sure. You don't have climate standards. You don't have environmental justice standards. And when you think of Malheur County, where did the get line moved off of and who is it in front of now? I didn't even want to get into the environmental justice issues there.

|  | But I still trust that we will do the right |
| :---: | :---: |
| thing here. And I believe over time that Idaho Power's |  |
| 3 own IRP process will also discover that the |  |
|  |  |
| 5 non-centralized huge transmission grid is the way of the |  |
| 6 future. And once they change their business model to |  |
| 7 correlate and align with that new energy future, I think |  |
| we are all going to be better off in the end. |  |
| y |  |
| 10 a bad day, you catch me like you saw me a few minutes |  |
| 11 ago. |  |
|  |  |
| 13 story. I probably won't ever talk to you guys again, |  |
| 14 but you'll get my stuff in writing. And I wish you |  |
| 15 luck. This is not an easy process. Thank you. |  |
| 16 HEARING OFFICER WEBSTER: Than |  |
| 17 Ms. Kreider. |  |
|  | Next up we have Jerry Myers. |
|  | COUNCILLOR ROPPE: I have a question. Ho |
|  | any people do we have total? He said there was |
|  | somebody on the line, and we also wanted to talk to |
|  | Idaho Power before we leave, and we only have 45 minut |
|  |  |
|  |  |
|  |  |

Page 87
Power.
2 If there is anybody on the line, on the phone line, that wants to speak up, please make yourself known now.

COUNCILLOR ROPPE: Thank you.
HEARING OFFICER WEBSTER: So hearing none, we have just Mr. Myers and then Idaho Power.

MR. JERRY MYERS: Thank you. It won't take long.

HEARING OFFICER WEBSTER: If you could start with your name and your address, please.

MR. JERRY MYERS: My name is Jerry Myers from Butter Creek, Little Butter Creek. I have difficulty talking sometimes. What more do you need? 68477 Little Butter Creek.

I've got 5 more days and I'll be 85 years old. My granddad started farming over there in 1898. And he himself was a brother, and he didn't want to do that. He just wanted to go to town and drink beer.

Well, we have done a lot of things on the farm. It started from we didn't have any electricity for anything at all. And so my granddad figured out a way, something they called a tower, a tower with a little fan on it, and he bought some gigantic batteries and put it in a building. And that is what he kept.

1 Everybody has one light there in each room. So that was all they had. That was the only power they had. There had to be a well, too.

So anyway, in my life, somewhat, I joined the co-op when I got older than 21. And as another neighbor, when running with Haddock on the -- was the director, and he had to move to the country, somewhere else. So he wanted to get a new director. So I said, well, I thought maybe that would be fun, too. So I did that for quite a while.

Then I had a tremendous amount of -- well, I was there for 23 years. Even developing our country around to where everybody had, at first, where they had 30 volts of electricity. That was just for everything in the wiring and in the house, every building had to be redone.

So we got that big, that new bolt of electricity, that was really, just had one -- I think it had just one big wire on all of the wires on about 25 miles. And that was the end of the line. And we lived there at end of the line and we are on the last pole.

So it didn't take very long, found out that we needed a lot more, where everything we started buying, things needed power. First thing you only had a

Page 89
battery, or an electric, something to charge things, the thousands of elements of things that we have nowadays.

So the first thing you know pretty quick we had to have bigger wire because the electricity gets very low. I'm getting too far off the subject here.

But we will go directly to, as a director, I learned slowly but I got, after a while, it seemed that Bonneville electricity, power was everywhere I guess in Idaho, that they were kind of tough people. So we had to be careful dealing with. And it was something that kind of developed over many years and did not have a good subject to talk about. So that was the first thing we noticed right away.

So for what more -- it took a tremendous amount of electricity, but we had plenty of power right here. And first thing in 1930, early '30s, all of Bonneville had started building dams all around the Columbia River, and they were big. They dammed the whole river and built up everything. That was the subject of many things. Went right from -- right here on to out in all of Washington and right here. And it mostly was pumping with electricity and water. So that goes on and on forever practically. Every day I think they built a new thing.

But I'll go back to my first part. It took me

138 years to pay for that. It took a long time. I had 2 to pay for -- of course, my folks, I had to pay for them. And then when they died, then they were finally passed on to all the relatives, but then it was all developed and done up in the first place. And I had to add quite a bit for the federal tax payment or income tax. It took a long time, but I finally got that done.

Next, one of the things that I find around here is looking -- if you look they have a really nice map out there on the computer up there. That is pretty nice. It's much better than I ever saw anywhere. And I would like to have it bigger and be able to have more items that we can see, just to read the paper. So I don't know why -- I don't why they need to do it so tiny.

Some other item, a night from last night, which is last night, it was lightning. And we have a lot of lightning for some reason. They like it in those, it's just partly in the flat county and part of it is up in the hills. They get up pretty close to get it into the mountains. That was a big item.

Now, I have many things about the towers, and I don't know about them. I don't know anything about them. Are they made of wood? Are they made of steel? Are they just a single pole that goes up? I haven't

Page 91
1 heard anything like that. I thought I got pretty good 2 educated from all these papers that we get once a while, 3 but apparently we don't.

Since my farming, there is 2 miles of these towers that go through 2 miles of -- touches to my land. I do not know what the special would be. I understand that it is 6 feet -- or 600 feet wide of something in space in the ground. I don't know that. On my place there is nothing on it except soil and good dirt.

Once in a while they used to, they used to have wood posts with a steel fence, just making a fence. It's only 4 feet high. Now we don't have any. We took them all out, cleaned them all up. So that is the way it goes nowadays.

But on those towers, do they call them towers or poles, or whatever you call them, how high do they go? How do they go across the ground? Are they a quarter of a mile or are they a few hundred feet? I have not heard any of this. So I'm guessing I'd like to know things that way.

I think I'm about done. Thank you very much.
HEARING OFFICER WEBSTER: Thank you, Mr. Myers.

Okay. Next we will have Mark Stokes from
24
25 Idaho Power.

MR. MARK STOKES: Good evening, Chair Beyeler, Vice Chair Jenkins, other Council members, staff. Thank you again.

My name is Mark Stokes from Idaho Power
Company. I'm the engineering project leader for the
Boardman to Hemingway Project. My address is 21 West Idaho Street, Boise, Idaho 83702.

I do have a few comments I would like to make tonight before we get to some of your questions. To start out with, on Thursday night, last week, there was a person that made a comment that Idaho Power did not have any customers in Oregon, and I attempted to correct that during my testimony at the end after that session. And the number that I put out was incorrect. So I want to get that corrected on the record.

The number that I gave you was 15 percent of our load is for Oregon customers. That number is actually approximately $31 / 2$ percent of our total load. And then also to add to that, we have a little over 19,000 customers between Malheur and Baker County.

Let's see, the next piece I wanted to address, and I have been holding off doing this because over the course of last week and the two hearings this week there have been a lot of comments made that really get back to the need for the B2H project, and it really does go back

Page 93
to the Integrated Resource Planning process.
According to EFSC's guidelines, standards, the Council relies on determination of need, they rely on the opinion of the Oregon Public Utilities Commission. There is a fair amount of information in Exhibit N that addresses the IRP and that whole piece of that long-range planning process. We go through and we update that plan every 2 years.

The IRP that is in our current application,
that is in your hands right now, was filed in 2017, by
June of 2017. And it was acknowledged, I believe it was May of 2018 when the Oregon PUC acknowledged that IRP.
And it's literally that acknowledgment of the action plan in the IRP that establishes the need for whatever resources or actions are proposed in there. And very specifically in that 2017 IRP, we asked the Commission to acknowledge certain construction activities related to B 2 H and they did grant that.

Jump forward 2 years, right now we have just completed our 2019 IRP that will either be filed tomorrow or next Monday with the Oregon Commission. And our intent is to go ahead and file that with ODOE so you have an updated copy of that.

There is a lengthy regulatory process that we 24 have to go through with the PUC, and so I would not

1 anticipate this IRP getting acknowledged until roughly 2 May of 2020. But we will have the document out there 3 and available for anybody to look at. And just for your 4 information, Boardman to Hemingway is still showing to 5 be the lowest cost, least risk resource for meeting future load growth for Idaho Power's customers.

The last piece I really wanted to mention is, it's been talked about tonight, I am sure you all remember last night, the Council voted to grant a 30-day extension on the public comment period. And I think when I got up last night, you probably expected me maybe not be in support of that. And I generally wasn't, I'll be honest with you. But I did not want to speak out against that last night, knowing that I was going to come here and ask the Council if you would be willing to grant two things basically is what I would like to ask for.

One is that Idaho Power be given an opportunity of an additional 30 days past what is now the August 22 nd date to be able to respond to any comments that are filed at the very last minute. We expect there will be quite a few comments that come in right at that 5 p.m. deadline on the 22 nd. So we would like to have the opportunity to respond to those if we could.

## Page 95

1
2
3
4
5

The second part of my request would be that the Council consider taking a vote tonight to not grant anymore further extensions. As we work our way through this process, there have been a lot of deadlines set and very few of them actually met. And I understand that because it's a big public process.

But from our standpoint, we are trying to go through this project and the whole permitting that we need to do, and we some need certainty on how we can move forward with this, if we can ultimately get a site certificate, which is what we are trying to do. But again, continued delays just create issues for us. So I would ask the Council to consider that also, if you would, please.

And with that, I think I'm just going to turn it over. I know there are probably quite a few questions tonight that Council members will have. And I do have, I believe, David Stanish on the line to help tonight. I think we have a better connection with him tonight than we did last night.

HEARING OFFICER WEBSTER: Thank you, Mr. Stokes.

Councillors, questions?
VICE CHAIRMAN JENKINS: So this is Hanley. Mark, we haven't heard anything about the
alternative routes that are proposed through Morrow County going along the property owned by the Navy. There is a proposed route and then there is two alternatives. Can you talk a little bit about those? Kellen has tried to pull up -- I think tried to pull up a map for us. that talks about where the proposed route is and where the two alternatives are, but it may be best if we heard from you.

MR. MARK STOKES: Okay. The proposed route that we started out with initially basically heads south out of the Longhorn substation, and it stays on the west side of Bombing Range Road all the way down that piece of the bombing range.

The reason we proposed that was because in the process of working with the landowners who had the agricultural property on the other side of the road, we were trying to avoid impacts to them. And as we continued to work through the process, in working with the Navy, there were two resource areas that were identified that were on the Bombing Range property that were on the west side of Bombing Range Road. And I believe the further north one was the RNA and the southern one was the RMA. And so this whole process is

Page 97
what led to the two alternatives.
Alternative 1 goes down all the way -- or it only goes down to the RNA and then crosses to the east side of Bombing Range Road. So Alternative 1 avoids both of those resource areas.

Alternative 2 goes down, still through that RNA, the northern resource area, but then jumps across on the east side prior to the southern resource area there, the RMA.

And so because we felt like the Navy would not let us go through either of those resource areas, we have started to pursue Alternative 1. And what that entails again is hopping across Bombing Range Road north of the RNA, the northern resource area, and then heading south along the east side of Bombing Range Road. And to make that work out we have had to work with the property owners on that side and the Umatilla Electric Cooperative because they have got a line there that they have to move to make this work. And we are also with the landowners, we are working with them to move two center pivots to create space for the towers for B2H.

CHAIRMAN BEYELER: Would that just be shortening pivot circle irrigation spans?

MR. MARK STOKES: Chairman Beyeler, we are
any irrigated acreage.
HEARING OFFICER WEBSTER: Other questions for Mr. Stokes?

COUNCILLOR GRAVATT: I have one. Obviously, I don't have a chance to look at the 2019 IRP, but what actually is in the action plan for B 2 H ?
MR. MARK STOKES: The action plan items itself B basically ask for acknowledgement of continued 9 construction activities for B2H. So basically there is nothing really new in there that we are asking for.

HEARING OFFICER WEBSTER: Anything else? Council?

COUNCILLOR GRAVATT: Two questions: One is -this is not the only time we will get a chance to address the applicant?

SECRETARY CORNETT: In terms of their responses to comments and giving them sort of an insight into what you would like to see them respond to, yes, it really is.

COUNCILLOR GRAVATT. Then I have more than one question.

Can you respond to the concerns about fire that were shared this evening and what the applicant is prepared to address to the property owners' concerns about fire?

1 of concerns expressed over fire. We have got the fire 3 prevention protection plan in our application at this point. Our intent, and actually I believe we are required to do this, is to continue to work through with the counties those plans and make revisions so that we meet all of the individual county standards. And then ultimately I think that is what we have to do to get through the BLM process as well. They'll ultimately get a notice to proceed. So we recognize there is more work to do there.

A lot of that though is based on -- there is certain things associated with the project that we don't know yet because there is places where the route is not fixed and other issues out there still. But that is in our plan to get those plans done, work with the counties and get them approved.

COUNCILLOR GRAVATT: What is the expectation on timing of knowing it?

MR. MARK STOKES: Well, that plan and other plans would get finalized as a part of working on the 2 construction POD, which is a document that BLM kind of 3 governs us putting that together because there is a lot 24 of different agencies, including BLM, that provide input 25 into that. And that should be taking place in 2021 and

1
2 b
and 2022 as well, and that work will be being done and being finalized.

COUNCILLOR GRAVATT. I have one other question. From the applicant's perspective, are your negotiations with the landowners complete, from your perspective? We have heard concerns about financial compensation. Is that, from the applicant's perspective, are those conversations done or are they ongoing?

MR. MARK STOKES: Oh, no, no. In fact, we have had numerous conversations with landowners. But the formal right-of-way acquisition process has yet to begin. In fact, it is on our plan to start that here in 2020.

HEARING OFFICER WEBSTER: Thank you, Mr. Stokes.

And I want to sort of circle back to the Council now to address Mr. Stokes' request -- or Idaho Power's request, the applicant's request, for an additional 30 days to respond after close of the comment period on August 22nd.

VICE CHAIRMAN JENKINS: We granted 30 days to the public to provide additional written testimony, until August 22nd. I think it's only fair to provide the applicant additional time to be able to respond to

Page 101
that. And I am open to suggestions if 30 days doesn't seem to be appropriate. But I do believe there needs to be additional time to respond.

COUNCILLOR ROPPE: Hanley, are you saying that you don't believe 30 days is long enough or too long?

VICE CHAIRMAN JENKINS: I'm not committed to 30 days. Thirty days would be adequate, as far as I'm concerned.

COUNCILLOR ROPPE: So are you going to make a motion?

VICE CHAIRMAN JENKINS: Well, I thought the Council could have a discussion about the 30 days, or whatever you want.

COUNCILLOR ROPPE: I think 30 days is appropriate.

CHAIRMAN BEYELER: As do I. I'm of the belief there are going to be a mountain of things that come in at the end of, on the 22 nd of August.

COUNCILLOR GRAVATT: I'm okay with providing the applicant with the additional time to respond.

COUNCILLOR HOWE: I think 30 days makes sense.
VICE CHAIRMAN JENKINS: Mr. Chair, I make a motion. I move that we grant the applicant an additional 30 days, whatever that comes out to, for written rebuttal responses to testimony received up to
and through August 22nd at 5 p.m.
HEARING OFFICER WEBSTER: That is a Sunday. You said August. Do you mean September?

VICE CHAIRMAN JENKINS: An additional 30 days, I didn't check what that date is.

COUNCILLOR ROPPE: I'll second that motion. 7 SECRETARY CORNETT: If I can just make one minor adjustment to that. That is a Sunday. So September 23rd is a Monday. So September 23rd at 5 p.m.
might be a more appropriate time, one extra day, but it puts it on a weekday.

VICE CHAIRMAN JENKINS: I agree to that. COUNCILLOR ROPPE: I agree with it also.
CHAIRMAN BEYELER: Mr. Secretary, please call the roll.

SECRETARY CORNETT: Kent Howe?
COUNCILLOR HOWE: Yes.
SECRETARY CORNETT: Ann Gravatt?
COUNCILLOR GRAVATT: Yes.
SECRETARY CORNETT: Barry Beyeler?
CHAIRMAN BEYELER: Aye.
SECRETARY CORNETT: Mary Winters?
COUNCILLOR WINTERS: Yes.
SECRETARY CORNETT: Betty Rope?
COUNCILLOR ROPPE: Yes.

Page 103


1 SECRETARY CORNETT: And Hanley Jenkins. VICE CHAIRMAN JENKINS: Yes. SECRETARY CORNETT: Motion carries, Mr. Chair. VICE CHAIRMAN JENKINS: So as to the second request, I'm not willing to make a commitment on any further extensions. From my perspective, we just need to see how this process evolves. I do find it ironic that Idaho Power asked for 30 days and then it wants to not allow any other extensions.

COUNCILLOR ROPPE: I agree with Henley. I don't see that we want to make a commitment to that since we don't know what would come up before us. We will have to handle that as they come.

COUNCILLOR WINTERS: Agreed.
CHAIRMAN BEYELER: I'm in concurrence.
COUNCILLOR HOWE: I agree.
HEARING OFFICER WEBSTER: So if I understand, you are leaving it at this point that the plan is for
August 22nd for the public comment and September 23rd
the time for Idaho Power to respond to the public
comment. And you are not going to commit one way or the
other as to any other extensions, but wait and see how
CHAIRMAN BEYELER: By the time the staff gets all of the written comments, delivers them to Idaho

Power, Idaho Power gets theirs back, staff is going to have a ton of stuff to go through. So yeah, I think that is why we are actually looking at this, we don't want to drag this clear into December. So I just think that getting another extension is going to be difficult out of the Council.

SECRETARY CORNETT: No vote. There is not a motion on the floor.

HEARING OFFICER WEBSTER: Okay. Thanks, Council.

I'm just going to give one last chance for anybody. We have about 10 minutes left. Does anybody want to say anything or are we good to go? Is there anybody on the phone that would like to give public comment?

Okay. Hearing none. It is 7:51 p.m. on June 27, 2019, and as the presiding officer I will go ahead and close the public hearing in Morrow County and end the then public in-person testimony. But we will keep the time period open for the public to continue to comment in written form through August 22nd, 2019, at 5 p.m. Pacific Time.

That is it for tonight, folks. We are done.
(Hearing concluded at 7:51 p.m.)

REPORTER'S CERTIFICATE
I, beverly a. benjamin, CSR No. 710, Certified Shorthand Reporter, certify:

That the foregoing proceedings were taken before me at the time and place therein set forth;

That the testimony and all objections made were
recorded stenographically by me and transcribed by me or under my direction;

That the foregoing is a true and correct record
of all testimony given, to the best of my ability;
I further certify that $I$ am not a relative or
employee of any attorney or party, nor am $I$ financially interested in the action.
in witness whereof, I set my hand and seal this 10th day of July 2019.


BEVERLY A. BENJAMIN, SR 710
Notary Public
P.O. Box 2636

Boise, Idaho 83701-2636

|  | ```66:17;70:19,21;92:18;95:5; 97:25;98:6;99:4;104:3 Adams (3) 38:10;42:13;57:18 adapt (1) 66:15 add (5) 39:20;41:20;51:6;90:6;92:19``` | ```94:14 agencies (1) 99:24 agency (1) 6:24 agency's (1) 15:24 ago (7)``` | $\begin{aligned} & \text { alternatives (9) } \\ & 7: 3 ; 11: 9,15,16 ; 13: 11 ; 14: 17 ; \\ & 96: 4,9 ; 97: 1 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| \$ |  |  |  |
|  |  |  |  |
| \$1.2 (2) |  |  | although (1) |
| 81:1;85:1 |  |  | 70:24 |
| \$22,500 (1) |  |  | always (3) |
| 44:6 |  |  | 60:21,23;61:21 |
| A |  |  | amend 10:1 |
|  | 43:7 | $\begin{aligned} & \text { 71:17;80:19;86:11 } \\ & \text { agree (9) } \end{aligned}$ | amended (2) |
| A-5 (1) | adding (1) |  | 7:7;9:20 |
|  | 29:25 | 35:11;38:25;67:12,13,19; | amendment (1) |
| ability (2) | addition (1) | $102: 12,13 ; 103: 10,16$ | 17:18 |
| $26: 16 ; 58: 24$ | 35:19 | $\underset{37.6}{\text { agreeable (1) }}$ | $\begin{aligned} & \text { amount (6) } \\ & 51: 4: 9: 76: 17: 88: 11: 89: 15 . \end{aligned}$ |
| able (16) $5: 20 ; 8: 14 ; 1$ | additional (13) 11:18;32:11;33:18;34:7,15; | 37:6 agreed (2) | $\begin{aligned} & 51: 4,9 ; 76: 17 ; 88: 11 ; 89: 15 \text {; } \\ & 93: 5 \end{aligned}$ |
| $26: 17 ; 33: 9,17 ; 34: 2,4 ; 43: 1$ | $\begin{aligned} & 94: 19 ; 100: 20,23,25 ; 101: 3,20, \\ & 24: 102: 4 \end{aligned}$ | $4: 5 ; 103: 14$ | amounts (1) |
| $60: 9 ; 90: 12 ; 94: 20 ; 100: 25$ | $24 ; 102: 4$ <br> address (16) | $\begin{array}{\|l\|} \hline \text { agreement (8) } \\ 16: 8,10,14,17 ; 24: 13 ; 32: 4 ; \end{array}$ | $\begin{gathered} \text { 29:17 } \\ \text { Analyst (3) } \end{gathered}$ |
| $\begin{gathered} \text { above (1) } \\ 35: 17 \end{gathered}$ | 20:4;24:3,8;31:7;35:1;37:18; | 16.8,10,14, $37: 23 ; 55: 25$ | A 2:12;5:1,10 |
| abroad (2) | 40:20;41:1;53:24;60:9;87:11; | agricultural (7) | analyzing (1) |
| 66:15;74:17 | 92:6,21;98:15,24;100:18 | 10:21;11:13;47:13,13,14; | 82:4 |
| absolutely (1) | addressed (1) | 77:1;96:18 | ancillary (1) |
| 20:8 | 9:6 addresses (1) | agriculture (1) | 70:23 |
| accepted (1) | addresses (1) 93:6 | 10:21 ahead (4) | $\begin{array}{\|c\|} \hline \text { anger (1) } \\ 54: 21 \end{array}$ |
| 44:25 <br> accepting (1) | addressing (1) | 7:20;9:17;93:22;104:18 | angry (1) |
| 4:4 | 24:22 | ahold (1) | 63:14 |
| access (2) | adequate (4) | 47:10 | Ann (2) |
| 75:18;76:18 | 18:24;23:10,20;101: | air (1) | 2:7;102:18 |
| according (3) | adjustment (1) | 55:16 | annual (1) |
| 44:5;52:8;93:2 | 102:8 | airstrip (1) | 78:14 |
| acknowledge (1) | Administration (3) | 30:3 | answered (1) |
| 93:17 | 17:6;33:24;34:2 | alarm (1) | 59:21 |
| acknowledged (3) | administrative (3) | 50:11 | Antelope (1) |
| 93:11,12;94:1 | 4:17,18;9:23 | alert (1) | 49:22 |
| acknowledgement (1) | adorable (1) | 14:10 | anticipate (2) |
| 98:8 | 12:20 | align (1) | 15:19;94:1 |
| acknowledgment (1) | advantage (3) | 86:7 | anticipates (1) |
| 93:13 | 33:4,9,16 | Alison (4) | 9:20 |
| acquisition (1) | advertised (1) | 2:8;3:14;4:16;5:1 | $\underset{\text { anymore (3) }}{ }$ |
| 100:12 | 8:2 | allotted (1) | 59:13;79:13;95:3 |
| acreage (1) | advisor | 22:7 | apart (1) $66: 25$ |
| 98:1 | 66:10 | allow (13) $61: 7,8,10,11,14,19 ; 62: 1$ | 66:25 apologize (4) |
| acres (1) $44: 3$ | aerial | $\begin{aligned} & 61: 7,8,10,11,14,19 ; 62: 1 \\ & 63: 1,4,8,15,17 ; 103: 9 \end{aligned}$ | apologize (4) 5:22;10:11; $16: 24 ; 39: 5$ |
| $\operatorname{across}(8)$ | affect (1) | allowed (2) | apparently (1) |
| 51:23;74:11,12;75:11;78:10; | 79:20 | 46:16,17 | 91:3 |
| 91:17;97:7,13 | affected (3) | allowing (2) | apple (1) |
| action (5) | 33:19;34:3;74: | 24:10;33:7 | 37:18 |
| 4:10;64:23;93:13;98:6,7 | afford (4) | allows (2) | appliances (1) |
| actions (2) | 18:23;23:9,18;36: | 33:6;62:11 | 84:15 |
| 3:24;93:15 | afternoon (2) | almost (4) | applicant (23) |
| active (2) | $\begin{aligned} & 3: 18 ; 4: 20 \\ & \text { ag (1) } \end{aligned}$ | 29:10,20;49:21;62:20 | $\begin{aligned} & 6: 17,20,24 ; 7: 6 ; 9: 24 ; 14: 1,6 \\ & 15,18 ; 16: 6 ; 17: 2,4,10,18 ; 18: 24 \end{aligned}$ |
| 12:21;13:1 | $\begin{array}{r} \text { ag (1) } \\ 78: 8 \end{array}$ | along (17) 10:7,7,16;26:1;34:1;38:20; | $\begin{aligned} & \text { 15,18;16:6;17:2,4,10,18;18:24; } \\ & \text { 21:5;23:10,19;98:15,23; } \end{aligned}$ |
| $\begin{aligned} & \text { activist (4) } \\ & 69: 1 ; 74: 4 ; 75: 2,3 \end{aligned}$ | again (17) | 39:25;49:17;50:5;51:18;56:22; | 100:25;101:20,23 |
| activities (2) | 20:6;24:10;26:24;58:12,13; | 58:1,15;59:23;60:4;96:2;97:15 | applicant's (3) |
| 93:17;98:9 | $64: 21 ; 68: 14 ; 71: 19 ; 76: 4 ; 80: 2,$ | altered (1) | 100:4,7,19 |
| actual (1) | 23;82:15,23;86:13;92:3;95:12; | 37:10 | application (29) |
| 8:24 | 97:13 | alternative (10) | 4:13;7:6,7,8,17;8:23;9:25; |
| actually (13) | against (6) | 10:13;11:4,8;14:13;60:14; | 15:8,10;17:1,4,11,12,13;19:17; |
| 5:21;41:23;42:15;48:3; | 24:23;61:17;66:22;83:2,5; | 96:1;97:2,4,6,12 | 21:7;24:21;42:17;47:5,9,22,25; |

```
49:4;50:24;60:15;75:25;83:13;
93:9;99:3
```

applicator (1)
30:7
apply (3)
14:21,21;17:23
appointment (1)
4:4
appraisal (1)
79:6
appraiser (1)
79:5
appreciate (7)
30:11;37:24;40:17;44:7,8;
60:16;65:10
approaches (1)
28:8
appropriate (3)
101:2,15;102:10
approval (3)
14:4,12;15:9
approve (1)
14:9
approved (2)
45:14;99:17
approving (1)
14:16
approximately (2)
4:2;92:18
April (1)
71:17
Archeological (1)
16:4
area (37)
10:8,10,14,18,22;12:7,8,10,
13,13,18,21;14:25;15:17;17:5;
25:24;26:19;27:6,8,17,23;29:8;
30:7;35:13;36:18;38:15;49:17,
20;50:8;51:4;74:1;77:13,16;
79:18;97:7,8,14
areas (18)
12:8,25;13:1,8;33:10;42:16;
46:6;48:5,18;50:7,20;51:19;
75:24;78:11,13;96:21;97:5,11
argument (1)
24:23
arguments (1)
24:25
armed (1)
61:9
around (20)
6:14;43:20;45:1;49:17,20;
50:3;64:15;71:20;72:13;73:10;
75:17;77:13,15;79:16,16;
82:24;84:22;88:13;89:17;90:8
arrogance (2)
57:3;58:22
arrow (1)
55:12
Ashbeck (5)
2:18;37:16,17;39:17,22
A-s-h-b-e-c-k (1)
37:18
ass (1)
41:21
associated (2)
12:3;99:13
assume (1) 25:1
assumes (1) 17:12
astronomical (1) 69:15
attached (1) 16:11
attachments (2) 16:11;65:9
attack (1) 81:22
attacks (1) 80:15
attempted (1) 92:12
ATTENDEES (1) 2:1
attending (1) 5:19
attention (1) 65:19
audience (1) 5:17
August (18) 8:8;9:2;18:10;21:10,14;23:6, 17;27:17;64:25;94:20;100:21, 24;101:18;102:1,3;103:19,23; 104:21
authority (2) 20:3;33:3
available (3) 8:18;22:19;94:3
Avenue (1) 42:14
average (4) 29:12;44:2,5;51:23
avoid (3) 11:11,12;96:19
avoided (1) 12:25
avoids (2) 11:23;97:4
aware (4) 5:14;6:14;55:19;61:12
away (7)
44:9;46:4,9;57:2;58:25;83:7; 89:13
Aye (1)
102:21

| $\mathbf{B}$ |
| :---: |

## B2H (14)

20:23;35:7,23;42:12;67:22; 69:18,18;73:18;82:6;92:25; 93:18;97:21;98:6,9
back (22)
3:9;5:23;15:14;21:20;22:1;

33:9;41:6;47:24;51:3;53:1;
55:17;57:13;64:10,15;80:1; 82:23;84:10;89:25;92:24,25; 100:17;104:1
backdrop (2)
70:2,2
backed (2)
55:14;61:18
background (1) 31:9
backyard (2)
36:5;62:12
bad (2) 43:23;86:10
Baker (8)
50:18;68:16;69:23;77:20,23; 78:6,22;92:20
balance (3) 32:23;33:13;70:20
balancing (1) 32:6
Balkans (1) 66:8
bank (2) 63:12,13
bare (1) 78:19
bare-bones (1) 44:25
Barry (2) 2:2;102:20
base (1) 73:9
based (5) 7:5,16;36:25;37:1;99:12
baseline (2) 52:8,12
basically (19) 6:24;11:20;13:7;14:5;18:15; 33:3;41:13,24;48:14;55:11; 56:15,21;61:2;79:7;83:5;94:16; 96:12;98:8,9
Basin (1)
26:2
basis (3) 23:2,8;44:13
batteries (7)
16:23;43:7;59:6;70:16,18,21; 87:24
battery (3) 69:13;70:19;89:1
bay (1) 74:23
bear (1) 29:6
beaten (1)
beautiful (1) 54:13
becoming (1)
80:3
beer (1)
87:19
begin (3) 23:25;51:22;100:13
beginning (3) 67:21;68:22;83:19
behind (2) 38:6,7
Beings (1) 20:14
belief (1) 101:16
Bell (1) 80:8
benefit (4) 33:18;34:5,8,10
benefited (1) 34:12
benefits (2) 32:19;34:19
Bennett (1) 77:19
best (8) 25:18;38:8;78:10;83:6,10,13, 14;96:9
better (8) 10:11;22:11;30:16;47:17; 60:13;86:8;90:11;95:19
Betty (2) 2:6;102:24
Beyeler (11) 2:2;3:5;92:1;97:22,24; 101:16;102:14,20,21;103:15,24
beyond (1) 80:23
big (35) 42:20,22;51:14;52:3;57:24; 59:1;62:19;66:16,21;72:10,17; 73:3,22,24,25;74:11,23;76:1,5, 22;77:4,14;79:2,2,10,25,25; 80:20;82:25,25;88:17,19; 89:18;90:21;95:6
bigger (2) 89:4;90:12
bikers (1) 51:9
Bill (1) 83:23
billion (2) 81:1;85:1
biochemistries (1) 76:13
birding (1) 77:14
birds (2) 49:21,25
birthday (4) 53:14,16,17,21
bit (12) 7:2;12:12;41:19;55:5;66:2; 71:14;73:10;75:6;76:10;77:7; 90:6;96:4
bite (1) 39:6
black (1)

| 52:21 | 13:11 | California (1) | 54:7 |
| :---: | :---: | :---: | :---: |
| blah (3) | breeze (1) | 61:25 | catch (1) |
| 68:8,8,9 | 18:3 | call (16) | 86:10 |
| blasting (1) | Brian (7) | 6:13,17,20;11:21;12:19;14:1; | categorization (1) |
| 76:6 | 2:17;34:24,25,25;35:3;37:24; | 22:4;24:1,16;28:4;39:10;54:2; | 47:1 |
| BLM (8) | 38:8 | 69:12;91:15,16;102:14 | Category (5) |
| 6:22,22,24;13:20,22;99:9,22, | B-r-i-a-n (1) | called (5) | 12:23;13:2;46:19,20;47:2 |
| 24 | 35:1 | 9:10;15:1;57:11;69:12;87:23 | cattle (1) |
| blocking (1) | bring (3) | came (9) | 43:15 |
| 74:10 | 3:10;32:3;45:24 | 16:10,15;36:18;56:20;57:2, | catwalk (1) |
| blow (1) | broke (2) | 12;61:6;78:21,22 | 59:8 |
| 36:19 | 54:6;83:17 | campus (1) | caught (1) |
| blows (1) | brother (1) | 79:14 | 55:10 |
| 46:9 | 87:18 | can (80) | cause (5) |
| blue (1) | Brotherhood (1) | 3:11;5:20;8:10;10:23;11:2,6; | 29:17;51:25;52:1,2;61:15 |
| 11:4 | 31:13 | 14:2;15:14;16:15,17;18:12; | Center (6) |
| board (1) | brought (1) | 19:20,22;20:8;21:17,23;24:4; | 4:24;26:2,25;78:5;97:21,25 |
| 79:13 | 22:13 | 25:11,12,13,19;26:13;27:18,20, | centered (1) |
| Boardman (15) | buddy (1) | 22,25;28:7,16,19;29:11;32:12; | 79:1 |
| 3:3,6,15,24;4:8,14,23;5:2; | 62:19 | 37:4,11;38:9;39:25;40:9,20; | centers (2) |
| 21:6;22:16;33:11;34:14;55:22; | budget (2) | 43:8,19;44:7,8,9;47:11;50:1,9; | 62:2,6 |
| 92:6;94:4 | 82:4,4 | 53:2;54:17,24;55:22;57:14; | central (2) |
| Boise (3) | budgeted (1) | 58:17,23,25;59:9;60:5,25;63:5; | 35:4;72:13 |
| 66:17;68:12;92:7 | 82:6 | 67:12,12,19,19;70:3,10,23; | centralized (4) |
| boisterous (1) | buffer (1) | 71:23;72:12,13;76:1;83:6,10, | 72:6;80:3,10;81:22 |
| 61:13 | 12:25 | 15;84:1,16,25;90:13;95:9,10; | cents (1) |
| bolt (1) | build (4) | 96:4;98:22;102:7 | 41:10 |
| 88:17 | 17:8;54:10;58:23;81:19 | canceled (1) | CEO's (1) |
| Bombing (13) | building (8) | 81:9 | 81:11 |
| 10:7,16,19;11:4;13:12;15:18; | 17:17;34:14;81:14;84:14; | cancer (1) | certain (8) |
| 96:14,15,22,23;97:4,13,15 | 85:7;87:25;88:15;89:17 | 59:2 | 8:23;11:23;52:23;75:22,24; |
| Bonneville (6) | buildings (3) | canyon (1) | 79:4;93:17;99:13 |
| 17:6;33:24;34:2,4;89:8,17 | 25:8,11,16 | 55:8 | certainly (2) |
| border (1) | built (10) | capacities (1) | 13:17;48:22 |
| 38:16 | 17:13;33:22;42:3,3;62:9; | 34:15 | certainty (1) |
| bordering (1) | 63:8,9,15;89:19,24 | capacity (6) | 95:9 |
| 38:18 | bullet (1) | 70:4,6,7,8,10;85:5 | certificate (7) |
| borrow (1) | 18:8 | carbon-emitting (1) | 4:14;21:7;31:11;44:17,18; |
| 35:20 | bullets (1) | 33:8 | 45:8;95:11 |
| Both (4) | 19:19 | carbon-nitrogen (1) | certificates (2) |
| 12:8;37:24;41:5;97:5 | bunch (2) | 26:12 | 47:17,19 |
| bothers (1) | 45:25;67:25 | card (5) | certified (1) |
| 49:3 | Bureau (3) | 3:9;21:21;53:11;63:23;64:5 | 22:17 |
| bottom (2) | 6:18;15:12;16:19 | cards (3) | cetera (7) |
| 80:7;83:1 | burn (1) | 22:4,6;63:25 | 19:8;67:18;68:15,15;69:6; |
| bought (1) | 72:21 | care (4) | 79:18,19 |
| 87:24 | burned (3) | 50:18;58:8;61:20;62:9 | Chair (5) |
| boundaries (6) | 73:3,5,5 | careful (1) | 5:12;92:1,2;101:22;103:3 |
| 75:9,9,10,17,22;76:3 | burns (1) | 89:10 | Chairman (19) |
| boundary (2) | 26:10 | carefully (1) | 2:2,3;3:5;95:24;97:22,24; |
| 46:12;75:16 | burrow (1) | 46:25 | 100:22;101:6,11,16,22;102:4, |
| box (1) | 12:22 | caretakers (1) | 12,14,21;103:2,4,15,24 |
| 18:12 | business (3) | 44:11 | challenge (1) |
| boys (1) | 3:19;31:13;86:6 | carnage (1) | 47:18 |
| 57:11 | Butte (1) | 61:15 | chance (3) |
| BPA (6) | 37:9 | carries (1) | 98:5,14;104:11 |
| 11:1;17:16;36:23;81:8,25; | Butter (5) | 103:3 | change (9) |
| 82:11 | 24:8;53:24;87:13,13,15 | Cascadia (2) | 35:25;40:13;49:14;60:20,23; |
| brakes (1) | buying (1) | 72:10;80:13 | 66:12;72:1;85:1;86:6 |
| 55:13 | 88:24 | case (8) | changed (1) |
| break (3) |  | 9:13,14;18:18;23:2,8,13; | $57: 7$ |
| 26:13;64:2,6 | C | 45:10;47:20 | changer (1) |
| breakout (1) |  | cases (1) | 70:17 |

changes (3) 9:10;51:1;73:12
characterize (1) 28:3
charge (2) 56:19;89:1
charges (1)
82:19
cheap (1) 82:20
check (3) 18:12;64:15;102:5
checked (1) 4:21
children (1) 35:5
choices (2)
70:11,13
Chris (5) 2:19;40:24,25,25;42:9
C-h-r-i-s (1) 40:25
circle (3) 22:1;97:23;100:17
city (3) 72:25;73:5;78:6
civil (1) 63:7
clarify (1) 27:21
cleaned (1) 91:13
cleaning (1) 84:22
clear (3) 38:10;75:24;104:4
clearly (1) 17:23
click (1) 11:3
climate (9) 27:6;28:22;66:11,12,12; 68:25;72:23;75:3;85:21
Clinton (1) 62:20
close (10) 9:1;21:11;23:16;40:11; 72:25;73:9;81:19;90:20; 100:20;104:18
closer (1) 81:15
closes (1) 21:10
closing (5) 8:2,7;68:24,25;70:6
clout (1) 36:23
coal (4) 34:14;68:24,25;70:5
Coalition (3) 67:22;73:18,21
coast (2) 80:6;83:19
codes (1) 84:14
college (1) 79:21
colleges (1) 79:16
co-locate (1) 85:9
co-locating (1) 85:9
co-location (2) 11:25;12:3
co-locations (2) 39:10,14
colonies (1) 26:11
colony (1) 13:1
Columbia (4) 26:2;33:15;48:5;89:18
combination (3) 14:2,9;47:12
comical (1) 60:19
coming (15) 24:5;35:23;41:8;43:5;47:19; 54:16;59:24;62:25;63:3;64:18; 66:4;69:5;78:10,12;85:2
comment (34) 3:8;6:8;7:17;8:5,7;9:1,14; 18:2,9,16,18;19:1;20:19;21:9, 25;22:6;23:3,16;28:18;34:18; 45:15;53:11;63:23,25;64:5,13, 25;92:11;94:10;100:20;103:19, 21;104:15,21
commentary (1) 60:8
commenting (1) 18:5
comments (28) 3:8;6:10;7:22;8:2,10;9:6; 18:13,22;19:20,22;20:5,8; 22:10,21;24:14;39:7;42:16; 53:7;65:21;75:7,8;83:14;92:8, 24;94:21,22;98:17;103:25
commission (6) 62:4;69:11;70:1;93:4,16,21
commissioners (1) 45:6
commit (1) 103:21
commitment (2) 103:5,11
committed (1) 101:6
common (1) 37:7
communication (1) 30:5
communities (3) 33:23;34:1;80:14
community (1) 66:20
companies (2) 42:22;82:21
company (6) 42:1;58:17,18;73:8,16;92:5
Compared (1) 13:24
compensate (2) 29:5;37:13
compensated (1) 49:19
compensation (2) 36:7;100:7
complete (3) 7:9,16;100:5
completed (1) 93:20
completion (1) 22:19
component (3) 13:16;15:22;17:20
components (1) 13:7
compress (1) 46:1
computer (1) 90:10
concern (5) 39:4;40:2,6;41:13,19
concerned (5) 28:25;45:12,22;46:10;101:8
concerns (12) 20:22;24:19,20,22;25:7; 31:23;32:13;41:22;98:22,24; 99:2;100:6
concluded (1) 104:24
conclusion (2) 22:13;25:3
concurrence (1) 103:15
condemn (1) 38:25
condition (6) 4:4;14:23,24;15:1;17:21,23
conditions (9)
14:20;17:14;27:6,11,25; 28:22,24;74:18;85:19
Confederated (1) 16:7
conference (1) 4:23
confident (1) 80:25
confidential (2) 16:10;84:23
confused (1) 65:6
confusing (1) 9:21
connect (3) 75:13,14,14
connecting (1) 32:22
connection (1) 95:19
consider (8)
15:6;20:25;25:21;29:7;73:8, 8;95:2,13
consideration (1) 30:11
considerations (2) 13:3;32:19
considered (5) 12:23;13:2,9;29:19;49:7
consistency (1) 43:8
consistent (3) 43:5;48:12;52:22
consisting (1) 31:16
constraints (4) 11:19;22:8;32:9,10
constructed (1) 17:22
construction (9) 13:9;31:17,18;34:7,9,12; 93:17;98:9;99:22
consultant's (1) 52:10
consultation (3) 15:24;16:18,19
contacted (1) 56:7
contending (1) 77:2
content (2) 18:15,18
contents (2) 65:8,13
contested (7) 9:13,14;18:17;23:2,8,13; 45:10
context (3) 14:5;69:24;71:2
continue (5) 34:15;75:1;82:14;99:5; 104:20
continued (4) 67:1;95:12;96:20;98:8
continuing (1) 80:25
contradicts (1) 50:2
conversation (2) 10:6;27:15
conversations (2) 100:8,11
cool (1) 83:20
co-op (1) 88:5
cooperative (2) 35:21;97:18
coordinator (1) 63:3
copy (2)

| 19:24;93:23 | 6:4 |  | decentralized (2) |
| :---: | :---: | :---: | :---: |
| corner (6) | couple (4) | D | 72:6;86:4 |
| 3:9,11;21:20,20;55:10;61:18 | 5:15;13:4,13;27:16 |  | decided (2) |
| Cornett (11) | course (4) | Dam (1) | 12:15;49:8 |
| 2:10;98:16;102:7,16,18,20, | 34:8;67:15;90:2;92:23 | 48:6 | decision (4) |
| 22,24;103:1,3;104:7 | court (3) | damage (8) | 6:23;15:12;16:21;22:22 |
| corona (2) | 8:17;22:17;24:4 | 25:7,10;26:21;27:20;29:9,17; | decision-making (1) |
| 52:1,2 | courts (2) | 48:7,12 | 52:21 |
| corrected (1) | 52:19;53:4 | damaged (1) | deed (1) |
| 92:15 | cover (2) | 25:13 | 73:20 |
| correlate (1) | 33:22;46:3 | damages (1) | deem (1) |
| 86:7 | covered (1) | 48:9 | 36:21 |
| corridor (10) | 17:20 | dammed (1) | deemed (1) |
| 39:8,11;59:20,22;60:3,4,6; | cow (1) | $89: 18$ | 7:9 |
| 81:10;85:5,8 | 67:6 | dams (1) | deep (1) |
| corridors (3) | cows (2) | 89:17 | 78:25 |
| 33:20;34:16;82:8 | 43:21,22 | Dan (1) | degrees (1) |
| cost (3) | crazy (1) | 35:6 | $48: 24$ |
| 41:20;77:1;94:5 | 65:10 | dangerous (2) | delays (1) |
| costly (1) | create (5) | 28:7,16 | 95:12 |
| $84: 2$ costs (2) | 33:7;85:1,14;95:12;97:2 creates (1) | data (3) | deliver (1) |
| 37:1;70:14 | 26:18 |  | delivers (1) |
| Council (50) | credible (1) | $8: 19 ; 17: 16 ; 94: 20 ; 102: 5$ | $103: 25$ |
| 2:10;3:20,24;4:5,10;5:12,16, | 30:13 | dated (1) | delivery (2) |
| 17,22;6:4;7:23;8:6,15,25;9:4, | credit (1) | 8:2 | 8:1;18:2 |
| 19;13:25;14:8,12,16,24;15:5,6; | 37:2 | David (2) | democracy (2) |
| 16:3;18:24;20:3,16,20,23; | Creek (6) | 83:5;95:18 | 66:7,9 |
| 21:12;23:9,19;29:7;61:5,19; | 24:9;53:24;76:7;87:13,13,15 | day (19) | denial (2) |
| 63:24,25;64:23;92:2;93:3;94:9, $15 ; 95: 2,13,17 \cdot 98: 12 \cdot 100: 18$ | critical (3) | 38:11;47:17;51:13,13,20; | 14:4;15:9 |
| $\begin{aligned} & \text { 15;95:2,13,17;98:12;100:18; } \\ & 101: 12 ; 104: 6,10 \end{aligned}$ | 26:16,20;36:18 critters (1) | 52:14;62:5,6,19;63:9,10;74:22, | deny (1) <br> 14:9 |
| Council-appointed (1) | 46:22 | $102: 10$ | Department (19) |
| 3:14 | crop (8) | days (24) | 2:11;5:1,11;7:8,23;9:5,20,25; |
| Councillor (27) | 26:4,5,13;28:1,8,14;38:12,13 | 8:7;27:13;28:22;64:25; | 12:23;14:12;18:24;19:22; |
| 2:4,5,6,7;3:21,22;86:19;87:5; | cropped (1) | 65:11;71:5;73:17;74:17,17; | 20:24;21:17;23:4,10, 19;50:8, |
| 98:4,13,20;99:18;100:3;101:4, | 27:9 | 83:15;87:16;94:19;100:20,22; | 13 |
| 9,14,19,21;102:6,13,17,19,23, | cropping (2) | $101: 1,5,7,7,12,14,21,24 ; 102: 4$ | departments (3) |
| 25;103:10,14,16 | 25:14;30:6 | 103:8 | 50:4,5,21 |
| Councillors (1) | crops (2) | de (2) | depend (2) |
| 95:23 | 25:9;59:14 | 52:20;53:5 | 26:12;78:13 |
| Council's (9) | crosses (2) | dead (2) | dependent (2) |
| 8:20,24;10:2;11:16;13:24; | 25:15;97:3 | $28: 5,8$ | $46: 2,22$ |
| 16:16;20:2;23:14;30:11 | cultural (2) | deadline (5) | depends (3) |
| Counsel (3) | 15:25;16:5 |  | 25:21;27:24;39:21 |
| 2:9;26:1,25 | culture (1) | deadlines (1) | Depot (1) |
| counters (1) | 65:24 | 95:4 | 42:21 |
| 43:2 | current (3) | deal (9) | describing (1) |
| counties (4) | 32:10;82:3;93: | 36:10;42:18;46:11;50:5,20, | 28:18 |
| 14:14;45:4;99:6,16 | currently (4) | 22;69:25;79:2,10 | description (1) |
| $\begin{gathered} \text { counting (1) } \\ 69: 21 \end{gathered}$ | 27:3;31:12;35:24;51:5 | dealing (9) | $10: 14$ |
| country (3) | 92:12,17,20;94:6 | $\begin{aligned} & \text { 47:23;50:23;56:11,11;57:6; } \\ & \text { 60:14;77:2;83:12;89:10 } \end{aligned}$ | $28: 6$ |
| 51:7;88:7,12 | cut (4) | dealings (2) | destination (1) |
| County (26) | 35:7;36:6;49:8;76:20 | $55: 7 ; 58: 14$ | $78: 6$ |
| 4:12;5:3,4;6:6;10:6,9;11:19; | cutting (2) | dealt (1) | destroy (2) |
| 12:4;13:6;14:22;17:3;24:12; | 35:14;49:18 | 48:13 | 26:5;46:23 |
| 35:5,14;50:18;51:8;73:16;77:8, | cyber (2) | dear (1) | destroyed (1) |
| 20,23;85:23;90:19;92:20;96:2; | 80:15;81:21 | $78: 24$ | 25:9 |
| 99:7;104:18 | cycle (1) | deceased (1) | destroying (2) |
| County's (1) | 26:12 | 58:22 | 28:11;30:14 |
| 77:9 |  | December (1) | destroys (2) |
| county-specific (1) |  | 104:4 | 26:12,15 |


| destruction (3) | dirt (2) | DPO (10) | economy (1) |
| :---: | :---: | :---: | :---: |
| 27:2;29:3;71:7 | 54:25;91:9 | 7:18,24;8:25;9:4,15;12:9; | 78:7 |
| details (1) | disabilities (1) | 16:5;18:1;83:13;96:7 | ed (1) |
| 10:13 | 76:15 | draft (22) | 79:13 |
| determination (2) | disastrous (2) | 3:7;4:13;5:6;7:15,18;8:21, | edge (4) |
| 47:10;93:3 | 27:2;30:18 | 23;9:22;12:14;14:11,20;16:12, | 24:12;71:9;73:1,1 |
| determine (1) | disclose (2) | 16;17:1,11;19:15;21:8,9;22:16; | educated (2) |
| 60:11 | 74:3,7 | 24:20;65:5,7 | 68:16;91:2 |
| determining (2) | disconnect (1) | drag (1) | effect (2) |
| 27:24;36:9 | 72:12 | 104:4 | 52:1,2 |
| detrimental (1) | discount (1) | drain (1) | effective (2) |
| 25:10 | 79:3 | 59:6 | 19:20;22:11 |
| devastated (1) | discover (1) | dream (1) | effects (2) |
| 29:21 | 86:3 | 54:11 | 76:25;77:25 |
| devastating (1) | discuss (2) | drier (1) | efficient (2) |
| 28:10 | 32:18,20 | 72:23 | 36:3;84:15 |
| develop (2) | discussed (5) | drink (1) | effort (1) |
| 42:23;50:19 | 10:8;12:9,10,13;16:16 | 87:19 | 57:8 |
| developed (4) | discusses (1) | driving (1) | efforts (1) |
| 36:16;44:21;89:11;90:5 | 17:5 | 84:21 | 15:4 |
| developer (3) | discussing (1) | drove (2) | EFSC (5) |
| 46:11,15;50:19 | 31:23 | 54:1;55:8 | 5:5;22:12;47:20;60:13;68:8 |
| developers (1) | discussion (1) | dry (4) | EFSC-appointed (1) |
| 43:7 | 101:12 | 27:6,10;28:22;50:6 | 4:18 |
| developing (1) | disobedience (1) | dryland (3) | EFSC's (2) |
| 88:12 | 63:7 | 24:11;26:4;35:4 | 60:10;93:2 |
| development (6) | distrib- (1) | due (1) | EIM (5) |
| $35: 13 ; 36: 2 ; 37: 7 ; 43: 8 ; 66: 7,9$ | $31: 18$ | $25: 23$ | 71:15,22,22,24,25 |
| developments (1) | distribution (3) | during (3) | EIS (1) |
| 44:2 | 31:19;81:16;86:4 | 27:16;64:6;92:13 | 68:6 |
| diameter (2) | document (5) | dwellings (1) | either (10) |
| 55:12;58:1 | 7:15;9:9,23;94:2;99:22 | $25: 9$ | 11:9;14:3,8;17:17;21:20; |
| dictate (1) | documented (1) | dying (1) | $24: 21 ; 57: 9 ; 61: 10 ; 93: 20 ; 97: 11$ |
| 58:18 | 22:17 | 16:23 | elected (1) |
| died (2) | documents (2) |  | $62: 15$ |
| 38:20;90:3 | 48:6;65:14 | E | electric (3) |
| difference (6) | Doherty (4) |  | 43:3;89:1;97:17 Electrical (6) |
| 7:3;24:17,19;28:15;52:3,6 different (16) | (34:24,25;35:1,3 | eagles (1) | Electrical (6) |
| $12: 9 ; 13: 3 ; 14: 24 ; 33: 4,16$ | $35: 1$ | early (4) | $31: 14,15 ; 32: 1 ; 33: 23 ; 34: 11$, 19 |
| 39:3;42:16,25;48:18;53:20; | dollar (2) | 36:15;66:14;73:17;89:16 | electricians (1) |
| 56:5;70:22;72:21;75:18;79:1; | 79:7;82:14 | earned (1) | 44:8 |
| 99:24 | dollars (1) | 37:11 | electricity (7) |
| differently (1) | 48:8 | earning (1) | 87:21;88:14,18;89:4,8,15,22 |
| 80:21 | domestic (1) | 31:11 | elements (1) |
| difficult (4) | 80:18 | easement (2) | 89:2 |
| 10:5;36:19;80:8;104:5 | done (19) | 36:8;37:12 | elevator (1) |
| difficulty (1) | 16:22;17:15;36:14;37:4; | easements (1) | 59:11 |
| 87:13 | 41:14;49:22,23;54:12;58:11, | 33:18 | Elizabeth (5) |
| digest (1) | 11;81:8;87:20;90:5,7;91:21; | easier (3) | 2:18;37:15,17;39:17,22 |
| 65:15 | 99:16;100:1,8;104:23 | 39:11,13,19 | E-I-i-z-a-b-e-t-h (1) |
| digitized (1) | door (1) | east (6) | 37:17 |
| 82:1 | 61:6 | 11:10;62:1;65:24;97:3,8,15 | elk (2) |
| dip (1) | doubling (1) | eastern (3) | 73:22,22 |
| 75:5 | 51:4 | 24:12;72:16;79:11 | else (8) |
| directed (2) | Dougherty (1) | easy (3) | 12:16;30:17;46:24;53:10; |
| 41:23,24 | 2:17 | 35:10;61:4;86:15 | 56:17;71:8;88:8;98:11 |
| direction (2) | down (24) | Echo (3) | email (1) |
| 60:22;84:8 | 11:5;21:1;26:13;36:12,17; | 37:19,20;53:24 | 67:25 |
| directly (3) | 39:11,13;49:8;55:6;57:19; | economic (2) | emails (1) |
| 45:19;74:6;89:6 | 60:12;61:2;70:15;73:2,6;79:5, | 36:19,23 | 58:15 |
| director (3) | 24;80:7,12;85:12;96:14;97:2,3, | economically (1) | emergency (1) |
| 88:7,8;89:6 | 6 | 35:10 | 72:12 |


| emerging (1) | 14:17 | 78:9;94:11 | 37:13;46:13 |
| :---: | :---: | :---: | :---: |
| 84:16 | establish (2) | expensive (2) | fall (2) |
| employed (1) | 52:12,14 | 30:8;36:3 | 27:8;43:22 |
| 4:1 | established (2) | experience (3) | falling (2) |
| encountered (1) | 35:9;60:5 | 26:1;34:4;73:14 | 66:25;80:11 |
| 27:1 | establishes (1) | expert (1) | familiar (3) |
| end (12) | 93:14 | 13:18 | 10:9;34:13;51:8 |
| 7:11;17:17;31:1;46:4;66:13, | et (7) | explained (1) | family (6) |
| 13;86:8;88:20,21;92:13; | 19:8;67:18;68:15,15;69:6; | $61: 23$ | 35:12;36:6;40:8;43:13,14; |
| 101:18;104:19 | 79:18,19 | explanation (1) | $61: 7$ |
| endangered (1) | evaluate (3) | 36:13 | family-owned (1) |
| 43:17 | 14:3;16:9;20:25 | exposed (1) | 24:11 |
| ends (1) | evaluation (3) | 27:4 | family's (3) |
| 14:16 | 12:14;15:25;52:8 | exposure (2) | 35:8,24;63:16 |
| Energy (28) | even (22) | 51:23,24 | fan (1) |
| 2:11;3:23;5:1,11;20:16;23:4, | 8:21;20:6;25:8;27:17;45:13, | expressed (1) | 87:24 |
| 19;32:25;33:25;34:2,5,20; | 19;51:14,22;57:1;67:24;72:23; | 99:2 | far (8) |
| 42:23;43:5,9;71:15,15,20;72:5; | 73:7,8;76:10,20;77:9;78:14; | extend (3) | 16:3;32:19;51:21;55:22; |
| 75:2;80:2;82:23,24;84:4,12,14, | 80:14,23,24;85:24;88:12 | 8:5;13:1;64:24 | 69:7,8;89:5;101:7 |
| 25;86:7 | evening (6) | extended (3) | farm (17) |
| engage (1) | 21:23;22:9;64:19,24;92:1; | 8:6;18:3;23:5 | 24:12;29:21,23;30:2;35:8,9, |
| $15: 24$ | 98:23 | extension (3) | 10;40:8;47:6;59:10,16;61:12; |
| engaged (1) | event (2) | 21:12;94:10;104:5 | 63:1,15;69:22;70:19;87:21 |
| 16:7 | 29:10;72:10 | extensions (4) | farmed (1) |
| engineer (1) | everybody (17) | 95:3;103:6,9,22 | 40:15 |
| 62:25 | 9:15;16:24;54:2,4,4;55:24, | extinct (1) | farmer (7) |
| engineering (1) | 25,25;56:4,17;60:1;61:12; | 77:22 | 35:4;38:1,2,20;41:20;55:1; |
| 92:5 | 66:23;67:9;81:5;88:1,13 | extra (3) | 74:16 |
| engineers (1) | everyone (2) | 65:10;83:15;102:10 | farmers (3) |
| 58:4 | 35:13;73:1 | extraordinarily (1) | 44:1,10;45:24 |
| enough (1) | everywhere (1) | 30:8 | farming (4) |
| 101:5 | 89:8 | extremely (2) | 36:3;43:13;87:17;91:4 |
| entails (1) | evolves (1) | 28:25;83:16 | farmland (3) |
| 97:13 | 103:7 | eye (2) | 47:7,8,12 |
| entire (2) | example (4) | 55:10,10 | farmlands (1) |
| 34:10;44:14 | 14:22;15:3;70:16;75:8 | eyes (1) | 47:4 |
| entirety (1) | examples (1) | 82:15 | Farms (4) |
| 13:6 | 12:4 |  | 41:4;61:15;62:17;82:17 |
| entity (1) | exceedance (1) | F | Farms' (1) |
| 4:3 | 52:15 |  | 41:12 |
| entrance (1) | except (4) | face (1) | farmstead (1) |
| 21:17 | 39:3;78:7;82:6;91:9 | 28:22 | 35:17 |
| envelope (1) | excess (1) | facilities (3) | father (6) |
| 52:16 | 33:9 | 33:8;34:13;63:3 | 24:13;36:15;55:20;56:2,6; |
| environment (1) | exchange (1) | Facility (13) | 58:21 |
| 30:1 | 33:17 | 3:23;5:2;6:5;10:5,17;11:21, | fault (1) |
| environmental (9) | Exhibit (1) | 22;13:7;14:13,16;17:20,22; | 18:19 |
| 13:21,21;29:9;30:14;67:17; | 93:5 | 22:23 | favorite (1) |
| 68:7;77:25;85:22,25 | exhibits (1) | fact (10) | 38:9 |
| equipment (8) | 65:8 | 44:22;46:10;47:5;48:2; | fear (2) |
| 25:9,12;45:25;50:21;51:2,14; | exist (1) | 52:10;59:1;69:2;82:14;100:10, | 71:10;81:6 |
| 59:4,8 | 73:17 | 13 | federal (14) |
| Eri (5) | existence (1) | factor (3) | 6:17,21,25;7:4,5;13:15,16, |
| 2:16;31:3,4,5,6 | 44:14 | 30:1;59:2;76:16 | 23;15:23,24;36:11;48:2;77:17; |
| E-r-i (1) | existing (4) | facts (3) | 90:6 |
| 31:6 | 11:1;12:1,2;51:5 | 19:9;23:11,23 | feed (2) |
| eroded (1) | exists (2) | fail (1) | 43:15;62:12 |
| 26:18 | 71:16,22 | 32:16 | feedback (1) |
| erosion (3) | expect (2) | failure (1) | 5:17 |
| 26:19;46:5,6 | 22:6;94:22 | 80:14 | feeding (1) |
| especially (1) | expectation (1) | fair (6) | 46:2 |
| 84:17 | 99:18 | 36:7,9,21;37:11;93:5;100:24 | feeds (1) |
| essentially (1) | expected (2) | fairly (2) | 16:20 |


| feel (4) | finished (1) | foreclosure (2) | garbage (3) |
| :---: | :---: | :---: | :---: |
| 61:3;70:12;71:12;78:16 | 54:14 | 63:12,13 | 47:21,22,23 |
| feeling (1) | fire (57) | Forest (5) | gas-fired (1) |
| 66:14 | 24:25;25:5,10,13;26:3,7,9,18, | 28:5,7;49:9;72:17;78:25 | 34:15 |
| feet (11) | 24;27:11,18,20,22,24,25;28:5, | forested (1) | gave (2) |
| 13:1;36:7;45:17;55:12; | 7,8,9,14,14,20;29:1,16;32:13; | 50:20 | 83:15;92:16 |
| 57:25;71:12;85:11;91:7,7,12, | 38:17,19;44:21;50:4,4,7,8,11, | forests (1) | general (2) |
| 18 | 12,17,21;67:5,7;71:9,13;72:17; | 49:18 | 29:14;42:16 |
| felt (3) | 73:4,4,5;80:1,4;81:5,5,6,6,7,23; | forever (2) | generally (2) |
| 33:20;45:4;97:10 | 85:10;98:22,25;99:2,2 | 37:10;89:23 | 74:3;94:12 |
| fence (2) | fires (11) | forget (1) | generation (9) |
| 91:11,11 | 25:2;28:17;32:16;38:19; | 56:18 | 31:19;33:7,8,22;34:13;38:3, |
| FERC (1) | 50:3,5,18,20,22;59:1;72:16 | Forgive (1) | 4;81:14;86:4 |
| 43:4 | first (30) | 36:20 | gentleman (5) |
| festival (2) | 3:19;4:25;5:15;14:11;17:9; | form (4) | 26:6;27:15;41:6;54:9;56:18 |
| 77:14;78:14 | 18:8;24:2,5;38:23,24;39:2; | 21:16,17,19;104:21 | gentlemen (1) |
| few (12) | 42:13,15;55:7;56:15,25;61:24; | formal (3) | 65:23 |
| 22:8;27:13;45:15;58:15; | 64:22;65:4;68:13;76:5;81:9; | 8:24;20:15;100:12 | get-go (1) |
| 59:11;71:5;86:10;91:18;92:8; | 84:19;88:13,25;89:3,12,16,25; | formed (1) | 39:1 |
| 94:22;95:5,16 | 90:5 | 31:24 | gets (9) |
| fewer (1) | Firsthand (2) | forth (1) | 51:9,12;54:14,15;63:6;82:20; |
| 49:21 | 26:1,24 | 51:3 | 89:4;103:24;104:1 |
| fiasco (2) | fish (3) | forward (2) | gig (1) |
| 62:11;63:7 | 12:10,24;43:17 | 93:19;95:10 | 80:22 |
| fiberoptic (1) | fisheries (1) | fought (1) | gigantic (1) |
| 35:19 | 77:24 | 28:17 | 87:24 |
| field (1) | five (9) | found (4) | Gilbert (5) |
| 25:18 | 35:5;45:3;59:25;62:10; | 12:22;15:2;55:17;88:23 | 2:20;42:11,12,12;53:9 |
| fields (1) | 65:16,18;85:2,3,6 | Foundation (1) | Given (2) |
| 25:15 | fixed (1) | 62:21 | 4:7;94:18 |
| fifth (1) | 99:15 | four (2) | gives (3) |
| 5:14 | fixing (1) | 22:6;74:11 | 14:18;20:23;65:14 |
| fight (1) | 82:7 | fourth-generation (1) | giving (2) |
| 67:21 | flag (4) | 35:4 | 37:12;98:17 |
| figure (2) | 27:12,15,19;29:11 | Frank (2) | Gleason (1) |
| 67:12;69:3 | Flagstaff (1) | 55:20;56:2 | 37:9 |
| figured (1) | 78:21 | free (1) | goal (2) |
| 87:22 | flat (1) | 82:16 | 6:2;29:2 |
| figuring (1) | 90:19 | frequently (1) | go-around (1) |
| 46:21 | floor (1) | 46:13 | $70: 8$ |
| file (1) | 104:8 | front (6) | goes (19) |
| 93:22 | flow (1) | 6:12;65:5;75:3,10;78:4; | 17:18;26:4;38:6,7;58:25; |
| filed (3) | 76:2 | 85:24 | 59:11;61:16;63:10,13;69:4; |
| 93:10,20;94:21 | fly (1) | Fuji (4) | 73:20;77:15,22;89:23;90:25; |
| fill (4) | 30:8 | 2:22;64:18,19,19 | 91:14;97:2,3,6 |
| 3:10;21:16,19;53:11 | focus (1) | full (1) | Goliath (1) |
| filled (1) | 10:7 | 28:9 | 83:5 |
| 64:5 | folks (15) | fully (2) | Good (20) |
| final (4) | 5:19;6:13;7:13,14,24;10:9; | 24:15;26:24 | $3: 18 ; 35: 22 ; 36: 10 ; 37: 7 ; 41: 6$ |
| 13:21;44:20,23;45:13 | 13:19;15:18;18:1;42:17;45:3; | fun (1) | 47:23;53:22;64:19;66:1;71:18, |
| finalized (2) | 52:25;82:9;90:2;104:23 | 88:9 | 20;73:20;81:8;85:18;86:9; |
| 99:21;100:2 | follow (2) | funny (1) | 89:12;91:1,9;92:1;104:13 |
| finally (5) | 20:8;59:20 | 81:17 | Google (1) |
| 13:22;57:15;71:18;90:3,7 | following (1) | further (4) | 42:21 |
| financial (3) | 22:25 | 18:11;95:3;96:24;103:6 | Gorge (1) |
| 4:2;82:11;100:6 | fondly (1) | future (11) | 33:15 |
| financially (3) | 12:19 | 36:1;69:7,8;72:5,6;81:13; | gov (2) |
| 27:2;29:22;82:13 | foot (1) | 82:9;84:5;86:6,7;94:6 | 7:25;18:1 |
| find (6) | 55:12 |  | governance (2) |
| 37:6;62:18;68:2,17;90:8; | Foothill (1) | G | $66: 8,10$ |
| 103:7 | 51:9 |  | government (2) |
| fingers (1) | Foothills (1) | game (2) | $36: 11,21$ |
| 66:23 | 51:7 | $70: 17 ; 73: 25$ | governments (1) |


| 15:25 | 53:21 | 59:5 | 26:9 |
| :---: | :---: | :---: | :---: |
| governs (1) | guessing (1) | Hawkins (1) | high (3) |
| 99:23 | 91:19 | 57:10 | 40:10;91:12,16 |
| grab (1) | guidance (1) | head (3) | high-capacity (1) |
| 59:8 | 20:1 | 39:23;73:20;84:5 | 32:11 |
| gracious (1) | guidelines (1) | heading (1) | higher (1) |
| 54:22 | 93:2 | 97:14 | 26:17 |
| Grail (4) | guy (1) | heads (1) | high-level (3) |
| 2:5;3:20,21,22 | 62:25 | 96:12 | 10:4;11:14;13:18 |
| granddad (2) | guys (9) | health (4) | high-value (1) |
| 87:17,22 | 41:24;57:17;58:11;61:7; | 25:25;26:11;76:11;77:3 | 60:1 |
| Grande (12) | 68:8;69:24;76:15;85:17;86:13 | hear (9) | Highway (2) |
| $42: 14 ; 49: 20 ; 54: 1,12 ; 64: 20$ <br> 66:5,16:72:18,25:76:6:77:15. | H | $\begin{aligned} & \text { 22:3;53:6;62:2;64:3;69:19; } \\ & 70: 5: 71: 3: 77: 25: 83: 4 \end{aligned}$ | $35: 2 ; 37: 19$ |
| $78: 22$ | H | heard (21) | $73: 3 ; 78: 21$ |
| grant (5) | Habitat (16) | 45:23;67:4;71:4;72:18;73:2, | hills (1) |
| 93:18;94:9,16;95:2;101:23 | 12:7,10,18,21,23,24;13:2; | 11,12,23;74:15;75:5;76:6,9,25; | 90:20 |
| granted (3) | 43:16;46:1,15;49:5,14,19;71:8; | 77:6;81:6;83:3;91:1,19;95:25; | hillside (2) |
| 8:6;21:12;100:22 | 77:4,4 | 96:9;100:6 | 74:12;79:14 |
| grasses (1) | Habitats (1) | Hearing (58) | himself (1) |
| 46:3 | 77:6 | 2:8;3:7,12,15,17,18;4:11,12, | 87:18 |
| Gravatt (9) | hacking (2) | 18,20;5:19;8:4,11;20:18;21:3, | hints (2) |
| 2:7;98:4,13,20;99:18;100:3; | 80:16,17 | 4,9,13;22:14,15,20;23:3,16; | 6:8;19:4 |
| 101:19;102:18,19 | Haddock (1) | 24:1,18;29:18;30:20,25;31:3; | hires (1) |
| gravel (1) | 88:6 | 34:23;37:15;40:23;42:7,10; | 84:20 |
| 35:20 | half (4) | 53:8,10,17,19;60:7;63:22;64:9, | Historic (1) |
| grazing (2) | 57:15;58:7,9;68:13 | 21;86:16,24;87:6,6,10;91:22; | 78:5 |
| 47:6,11 | hand (2) | 95:21;98:2,11;100:15;102:2; | Historical (1) |
| grazing- (1) | 3:13;21:19 | 103:17;104:9,16,18,24 | 16:4 |
| 47:12 | handful (2) | Hearings (9) | Historically (1) |
| great (2) | 84:18,24 | 4:18;5:14,15;7:21;8:13; | 35:20 |
| 11:9;69:1 | handle (1) | 22:16,19;65:17;92:23 | history (3) |
| greater (1) | 103:13 | heart (2) | 6:13;55:5;68:19 |
| 35:22 | handled (1) | 54:7;57:17 | hit (2) |
| great-grandfather (1) | 42:2 | heavy (1) | 55:13;56:25 |
| 35:8 | hands (1) | 81:24 | hits (1) |
| green (9) | 93:10 | height (1) | 25:13 |
| 3:9;11:6;21:21;28:2,4;71:19; | Hanley (6) | 28:15 | hmm (1) |
| 84:4,12,25 | 2:3;74:13;95:24;101:4; | held (1) | 48:25 |
| Greene (4) | 103:1,10 | 71:12 | hold (1) |
| 2:8;3:14;4:16;5:11 | happen (16) | Helens (1) | 26:16 |
| Greg (1) | 8:25;9:7;25:3;27:16;28:9,24; | 38:10 | holding (3) |
| 62:18 | 29:10;45:10;54:18;61:14,16; | Hello (2) | 21:21;69:22;92:22 |
| grew (1) | 62:16;63:16,20,21;83:24 | 31:6;34:25 | Hole (1) |
| 43:15 | happening (1) | help (11) | 73:24 |
| grid (22) | 66:20 | 19:2,5,17;20:9;32:12;60:9; | home (7) |
| 42:22;43:1,5;70:20,23;72:6, | happens (4) | 62:15,22;70:23;73:19;95:18 | 38:5,5;42:21;54:11,11;57:13; |
| $7,13 ; 80: 1,3,7,7,10,13,13,17,17,$ | 28:1;30:10;42:4;63:18 | helped (1) | 79:9 |
| 20;81:3,22;82:1;86:5 | Happy (2) | 41:9 | honest (2) |
| grids (1) | 53:17;63:14 | helpful (1) | 41:21;94:13 |
| 72:14 | hard (3) | 6:8 | Hood (1) |
| ground (14) | 72:22;74:17,25 | helping (2) | 38:10 |
| $12: 12,19,22 ; 46: 7 ; 59: 7,10,21$ | harder (1) | 19:2,11 | hope (5) |
| 60:1;77:6,8,10;78:19;91:8,17 | 47:18 | helps (2) | 20:6;38:3;46:24;63:6;83:4 |
| groundwater (4) | hardest (1) | 11:3;20:6 | hoped (1) |
| 36:18;45:22,23;46:2 | 38:14 | Hemingway (11) | 30:12 |
| group (2) | hardly (1) | 3:6,15,25;4:8,14;5:2;21:6; | hopefully (2) |
| 67:24;68:5 | 51:22 | 22:16;33:11;92:6;94:4 | 61:9,9 |
| growth (1) | harvest (1) | Heppner (1) | hopes (1) |
| 94:6 | 28:2 | 24:9 | 83:18 |
| guess (5) | harvested (2) | herd (2) | hopping (1) |
| 11:2;19:17;54:2;62:8;89:8 | 28:15;43:16 | 73:22,22 | 97:13 |
| guessed (1) | harvesting (1) | Here's (1) | hospital (2) |


| 73:6;76:8 | 50:24 | 16:8 | 30:5 |
| :---: | :---: | :---: | :---: |
| hot (1) | II (1) | indicate (1) | interpreted (2) |
| 28:22 | 2:3 | 27:18 | 52:12,13 |
| hour (1) | image (1) | indicated (4) | Interpretive (1) |
| 28:23 | 76:20 | 21:11;22:10;23:5;60:10 | 78:5 |
| hours (3) | imagine (1) | indication (1) | interrupted (1) |
| 22:7,8;59:11 | 63:5 | 27:19 | 30:6 |
| house (6) | imbalance (7) | individual (3) | into (29) |
| 40:2,5;73:3;75:10,14;88:15 | 32:25;33:25;34:5,20;71:15, | 52:3,5;99:7 | 11:15;16:20;25:23;26:13,18; |
| houses (1) | 15;82:23 | industry (6) | 27:7,17;28:4;33:2;46:7;54:6; |
| 50:12 | imminent (1) | 31:17;32:1;72:5;80:2,2; | 68:7,10;69:7;71:2;75:5;77:18, |
| Howe (5) | 32:21 | 84:16 | 24;78:13,22;80:24;82:7;84:5; |
| 2:4;101:21;102:16,17;103:16 | impact (6) | infighting (1) | 85:3,25;90:21;98:18;99:25; |
| huge (4) | 13:21,22;48:7;49:10,16;50:1 | 67:19 | 104:4 |
| 43:3,11;78:23;86:5 | impacted (1) | influx (1) | introduction (1) |
| huh (1) | 45:19 | 43:3 | 44:16 |
| 69:2 | impacting (1) | information (14) | invention (1) |
| humidity (2) | 48:11 | 7:9,16;8:10,18;9:24;10:2; | 82:11 |
| 27:8,9 | impacts (9) | 14:7;24:4;30:13;48:20;50:1; | investing (3) |
| hundred (2) | 11:11,12,23;12:2;16:9;45:23; | 93:5;94:4;96:7 | 82:8;83:21,21 |
| 49:21;91:18 | 48:14;49:7;96:19 | informational (2) | investment (2) |
| hundreds (2) | importance (1) | 7:10,12 | 81:1,1 |
| 48:8;55:9 | 6:9 | infrastructure (2) | investor-owned (3) |
| hurt (2) | important (6) | 82:3;85:7 | 82:12;83:25;84:1 |
| 82:11,13 | 18:5,11;28:13;32:6;46:15; | in-garbage (1) | invite (1) |
| hurting (1) | 61:3 | 47:21 | 40:19 |
| 54:20 | impose (1) | initially (2) | involved (3) |
| husband (2) | 14:24 | 73:21;96:12 | 71:16;77:1;83:23 |
| 66:6;68:11 | imposed (1) | innovative (1) | involvement (1) |
|  | 15:2 | $84: 4$ in-person (1) | 4:7 |
| I | improved (2) | in-person (1) | Ione (1) |
|  | 35:13;76:19 |  | $56: 14$ |
| 81:9 | 31:25;70:14 | 44:23;99:24 | 2:20;42:11,12,12;53:9;68:8 |
| IBEW (3) | incentivized (1) | insight (1) | ironic (1) |
| 31:14,24;32:4 | 84:1 | 98:17 | 103:7 |
| ice (1) | incentivizing (1) | installation (1) | IRP (13) |
| 80:12 | 83:25 | 36:12 | 69:4,9,10;70:8;86:3;93:6,9, |
| Idaho (61) | include (4) | instance (2) | 12,14,16,20;94:1;98:5 |
| 6:16;16:15;17:7;20:14,24; | 47:7,8;48:20;52:7 | 12:9;51:19 | irrigated (3) |
| 29:5;31:12,16;32:6;36:23; | included (1) | insulation (1) | 10:21;60:1;98:1 |
| 38:24;39:8;41:25;44:18;45:1,5; | 52:9 | 84:14 | irrigation (2) |
| 48:14;49:4;54:15;55:7,22;56:9, | including (3) | Integrated (2) | 36:15;97:23 |
| 16;57:3,9;58:14;60:8;62:12; | 23:11;51:14;99:24 | 69:4;93:1 | island (1) |
| 64:1;66:18;67:10;68:19,20,20, | income (1) | intend (1) | 72:13 |
| 21,23;69:11,21;70:3;71:3,16; | 90:6 | 3:23 | issue (29) |
| 74:7;75:20;85:3;86:2,22,25; | incorporate (1) | intends (2) | 7:16;9:11,11,12,20;15:16; |
| 87:7;89:9;91:25;92:4,7,7,11; | 75:22 | 23:1,7 | 19:1,3,6,11;20:4;23:1,2,7,9,12, |
| 94:6,18;100:18;103:8,20,25; | incorporated (1) | intent (2) | 13,14,22,24;27:5;46:8;50:17; |
| 104:1 | 9:6 | 93:22;99:4 | 51:15;57:20;59:1;66:3;76:12; |
| idea (2) | incorrect (1) | intention (1) | 81:3 |
| 37:3;43:2 | 92:14 | 22:1 | issued (3) |
| ideas (1) | incredible (1) | interest (2) | 6:22;44:18;45:8 |
| 69:6 | 51:9 | 4:2;54:5 | issues (12) |
| identified (2) | in-crop (1) | interesting (5) | 20:2;24:24;25:4;27:12;45:3; |
| 32:5;96:22 | 25:10 | 16:2,13,20;72:3;73:15 | 66:12;67:18;77:4,10;85:25; |
| identify (2) | indeed (1) | Intermountain (3) | 95:12;99:15 |
| 13:7;60:13 | 44:17 | 32:8,22;33:14 | issuing (2) |
| ignition (2) | indefinitely (1) | International (3) | 13:20,23 |
| 27:11,19 | 49:10 | 31:13;66:7,9 | item (3) |
| ignore (1) | independently (1) | internationally (1) | 3:5;90:16,21 |
| 29:9 | 14:5 | 66:6 | items (3) |
| ignored (1) | Indian (1) | Internet (1) | 6:5;90:13;98:7 |


|  | Kellen (7) | 37:6;41:8;96:17;97:20; | legalese (1) |
| :---: | :---: | :---: | :---: |
| J | 2:11;4:25;5:9;20:12;21:10; | 100:5,11 | 22:24 |
|  | 22:10;96:5 | lands (4) | legally (1) |
| Jackpot (1) | Kent (2) | 7:1;11:13;47:6;77:17 | 36:16 |
| Jackpot | 2:4;102:16 | landscape (1) | lend (1) |
| Jackson (1) | kept (2) | $35: 25$ | 32:11 |
| Jackson | $74: 21 ; 87: 25$ | landscapes (1) | length (1) |
| Jeff (2) | kick (1) | 76:21 | 10:8 |
| 57:18;63:1 | 60:23 | Lane (2) | lengthy (1) |
| Jenkins (12) | kid (2) | 40:3;41:2 | 93:24 |
| $2: 3 ; 92: 2 ; 95: 24 ; 100: 22$ | 51:16;80:19 | last (36) | less (8) |
| $101: 6,11,22 ; 102: 4,12 ; 103: 1,2,4$ | killed (3) | 4:21;7:20;8:4,11;21:12;24:8; | 18:14;19:19;36:3;41:16; |
| Jerry (6) | 51:15,17;59:9 | $38: 20 ; 39: 7 ; 40: 14 ; 49: 9,11,14 ;$ $58 \cdot 14 \cdot 64 \cdot 4,24 \cdot 65 \cdot 6 \cdot 70 \cdot 8 \cdot 71 \cdot 5$ | 61:3;80:3,3;81:23 |
| 2:23;24:13;86:18;87:8,12,12 | $\begin{array}{\|r} \text { kills (1) } \\ 26: 10 \end{array}$ | 58:14;64:4,24;65:6;70:8;71:5, 5;73:3;77:20;79:23;83:4; | letter (4) $16: 11,14 ; 54: 15,15$ |
| $25: 17 ; 60: 10$ | kind (41) | 86:25;88:21;90:16,17;92:10, | letters (1) |
| jobs (10) | 5:15;6:4,8;7:2,14,20;9:23; | 23;94:7,9,11,14,21;95:20; | 67:10 |
| $44: 7,9 ; 84: 12,18,20,20,22,24,$ | 10:12,14,24;11:2,4,6,14,15,17; | 104:11 | level (3) |
| 24;85:1 | 16:2,20;18:12;19:3,19;27:3; | Lastly (1) | 43:5;52:12;80:24 |
| John (10) | 34:12;41:20;44:15;45:14,20; | 9:17 | levied (1) |
| 2:21;30:22,23;31:2;53:15,18, | 46:24;47:15;48:15;50:14,15; | lasts (1) | 34:16 |
| 22,23;56:21;60:16 | 51:20;54:4;72:23,24;79:23; | 49:12 | Lex (3) |
| joined (4) | 83:6;89:9,11;99:22 | late (4) | 41:3,11,22 |
| 33:2;64:12;71:18;88:4 | kinds (5) 43:10,18.44:25:45:13.72.12 | 27:7;45:11;54:9;55:8 | Lexington (3) |
| $\underset{33: 25}{\text { joining }}(\mathbf{1})$ | $\begin{aligned} & \text { 43:10,18;44:25;45:13;72:12 } \\ & \text { knew (3) } \end{aligned}$ |  | 35:2;37:20;41:2 <br> lied (2) |
| Jorgenson (1) | 61:21,22;76:10 | later (12) | 56:9;57:5 |
| 56:19 | knocked (1) | 8:19,25;9:8;17:16;21:1; | life (10) |
| jotting (1) | 61:6 | 28:18;36:18;45:1,2,7;56:13; | 26:8;35:13;54:14;55:1; |
| 79:24 | knowing (2) | 68:13 | 58:20,21;72:1;74:15;78:17; |
| journey (2) | 94:14;99:19 | law (3) | 88:4 |
| 66:2;86:12 | knowledge (1) | 4:17;59:19,23 | light (4) |
| journeyman (1) | 26:25 | lay-down (1) | 25:2,4;32:3;88:1 |
| 31:10 | known (2) | 51:19 | lightning (3) <br> 27:23.90:17,18 |
| $\begin{aligned} & \text { joy (2) } \\ & 63: 10,14 \end{aligned}$ | knows (3) | lays (1) $10: 13$ | likelihood (2) |
| judge (2) | 29:15;74:8,13 | LCDC (3) | 32:15,16 |
| 4:17;36:9 | Kreider (5) | 47:10,11;52:19 | likely (1) |
| July (5) | 2:22;64:18,19,20;86:17 | lead (1) | 30:7 |
| 6:22;7:7;8:3;21:12;27:16 | kV (1) | 5:1 | lime (1) |
| Jump (1) | 85:11 | leader (2) | 11:6 |
| 93:19 |  | 62:25;92:5 leafy (2) | $\begin{gathered} \operatorname{limit}(1) \\ 36: 1 \end{gathered}$ |
| $\operatorname{jumping}_{73 \cdot 10}(1)$ | L | $\begin{array}{\|r} \text { leafy (2) } \\ 28: 2,4 \end{array}$ | 36:1 <br> line (81) |
| jumps (1) | La (11) | learned (2) | $3: 6,25 ; 4: 8,15 ; 5: 2,4 ; 6: 6,16$ |
| $97: 7$ | 42:14;49:20;54:1,12;64:20; | 72:4;89:7 | 25;12:1,1;15:17;21:1,7,22; |
| June (6) | 66:5,16;72:18,25;76:6;77:15 | learning (1) | 22:3;25:14;26:4;28:20;30:9; |
| 3:2;4:21;27:16;53:20;93:11; | Ladd (9) | 70:9 | 31:1;32:14;33:11;38:6,9,11; |
| 104:17 | 46:13;48:1,22,23;77:13,13, | lease (3) | 39:10,12,13,19,20;40:6;41:16, |
| jurisdiction (2) | 15,16;78:2 | 36:24;42:1,2 | 18;42:4,20;44:7;45:17,18; |
| $20: 3 ; 23: 15$ | Lake (5) | least (6) | 48:10;49:9, 11,15,18,25;50:6; |
| justice (2) | 15:1;67:3;74:1,12;75:15 | 39:2;40:4;49:20;84:2,2;94:5 | 51:24;55:23;58:23;60:3;61:11; |
| 85:22,25 | Land (39) | leave (4) | 62:12;63:9;66:21;67:14,15,20; |
|  | 6:18;10:21,25;11:11,12; | 40:7;43:1;50:12;86:22 leaving (3) | $72: 25 ; 73: 6,8,12 ; 74: 2,5,5 ;$ $75 \cdot 22 \cdot 78 \cdot 4,79 \cdot 15 \cdot 82 \cdot 16,19$ |
| K | $\begin{aligned} & 13: 23 ; 15: 12 ; 16: 19 ; 27: 10 \\ & 35: 16 ; 36: 7 ; 37: 2,8 ; 38: 7,15,25 \end{aligned}$ | $\begin{array}{\|l} \text { leaving (3) } \\ 44: 22 ; 67: 1 ; 103: 18 \end{array}$ | $\begin{aligned} & 75: 22 ; 78: 4,9 ; 79: 15 ; 82: 16,19 \\ & 22 ; 83: 1 ; 85: 10,23 ; 86: 21 ; 87: 2,3 \end{aligned}$ |
|  | 40:18;41:3,11,23,25;44:11,12, | led (4) | 88:20,21;95:18;97:18 |
| 22:11;66:4;67:6,7;73:19; | 12;47:12,13,14;48:3;56:1,9,24; | 6:18,21;15:12;97:1 | lineman (1) |
| 79:1;83:9;104:20 | 57:5,21;59:15;71:8;75:11; | left (6) | 31:10 |
| keeps (1) | 76:21;77:1;91:5 | 29:22;58:13;61:2;66:6; | lines (24) |
| $74: 24$ | landowner (2) | 86:23;104:12 | 11:25;25:1,6;29:1;30:18; |
| Keith (1) | 37:1;56:22 | legal (1) | $32: 12,21 ; 35: 18,19,19 ; 39: 9,11$ |
| 56:18 | landowners (6) | $51: 6$ | 40:1,7;43:12;58:17;71:25; |

81:23;82:8,19,21;85:2,3,6
lines' (1)
30:4
list (1) 9:17
listen (4) 8:15;20:9;56:15;62:24
listened (2) 54:4;76:14
listening (2) 21:24;76:11
lists (1) 29:14
listserv (2) 67:2,5
literally (2) 26:7;93:13
litigation (2) 42:24;53:3
little (25) 7:2;12:12;13:13;18:14;24:8; 55:5;57:19;65:15,22;66:2; 67:22;71:14;73:10;75:6,16; 77:7;79:9;83:17;84:3,4;87:13, 14,24;92:19;96:4
live (14) 28:21;29:24;30:17;37:21; 40:13,14;54:14;66:5;72:18; 74:8,13;79:6;80:18;81:6
lived (5) 40:14,16;68:20;77:7;88:21
livelihood (6) 25:11,20;26:22;44:10;74:16; 83:3
lives (4)
58:24;71:8;73:2;83:2
living (5) 28:3;44:5;58:24;71:10;74:17
load (9) 27:24;28:4,5,8;81:15,19; 92:17,18;94:6
Local (7) 31:14;50:4,21;78:14;84:19; 86:4,4
located (4) 4:22;6:25;13:9;21:16
location (1) 30:5
locations (2) 52:4,5
long (16) 6:2;7:8;16:24;49:11,15;50:7; 55:12;58:18;69:20;80:19;87:9; 88:23;90:1,7;101:5,5
longer (3) 17:19;40:15;85:15
Longhorn (3) 16:25;17:2;96:13
long-range (1) 93:7
long-term (4) 25:8;26:21;84:22,24
look (22)

12:20;14:5;15:3;32:9;46:25;
47:24;48:6;52:3,5,13,17;53:1; 63:19;65:14;73:6;74:24;79:14, 19;80:18;90:9;94:3;98:5
looked (5)
41:8;51:1;53:19;58:5;79:16
looking (13)
7:20;9:17;46:25;49:4,24;
52:16;73:15,16;74:5;79:15;
82:9;90:9;104:3
looks (3)
5:25;40:18;44:24
loose (1)
76:8
lose (1)
30:10
losing (2) 37:8;46:9
loss (5) 25:8;26:21;27:1,3;81:21
losses (1)
81:20
lost (1) 67:6
$\boldsymbol{\operatorname { l o t }}(58)$
7:9,12,23;10:6;18:4;30:9,10;
32:13;33:8;34:11;35:15;40:15; 42:20;43:6,15;44:1,3,4,10; 45:18;46:5;47:17,18;49:3;51:1, 10,18;54:7,23;60:18;65:23,25; 66:15,18;67:9;69:15;70:9;71:4, 23,24;72:4;73:11,12;74:20; 75:5;76:4,9;77:14;78:18;80:25; 87:20;88:24;90:18;92:24;95:4; 99:1,12,23
lots (5)
12:3;17:14;42:24;53:6,6
love (5)
37:10;38:12;51:10,10;68:21
low (3)
25:24;27:8;89:5
lowered (1) 36:4
lowest (2) 27:9;94:5
low-lying (1) 50:6
Luciani (9) 2:21;30:22,23;53:12,15,18, 22,23;60:16
L-u-c-i-a-n-i (1) 53:23
LUCIANO (1) 31:2
luck (1) 86:15
lurch (1) 70:12

|  |
| :---: |
|  | $\mathbf{M}$

machines (1)
56:5
Maffuccio (2)
57:18;63:1
mail (4) 7:25;18:1;37:21;54:15
Mailing (1) 37:18
maintain (1) 25:20
maintaining (1) 82:2
majority (1) 5:18
Makes (3) 39:11;71:24;101:21
making (5)
20:5;30:17;43:24;71:23;
91:11
Malheur (3)
80:19;85:23;92:20
man (1) 57:11
manage (3) 25:17;67:2,5
Management (5)
6:19;12:7,10,18;15:12
Management's (1) 16:19
manager (1) 31:13
managing (3) 41:2,3,11
mankind's (1) 25:16
manner (2)
11:22;34:3
mantra (1) 73:19
many (32) 13:8;25:16;33:1;35:18;37:2; 43:21;49:25;51:21;52:14;54:8; 55:2;63:2;67:4;71:3;73:7; 74:16,17,17;76:24;78:1,18; 79:3,10;80:14,14;83:8;84:17, 20;86:20;89:11,20;90:22
$\operatorname{map}(5)$ 10:4,12;11:9;90:10;96:6
maps (1) 41:7
Marcy (1) 2:5
margins (1) 29:23
Mark (12)
62:24;77:19;91:24;92:1,4; 95:25;96:11;97:24;98:7;99:1, 20;100:10
market (8) 32:25;33:25;34:5,20;71:15, 16;82:23;84:5
married (2)
38:1,2

Marsh (9)
46:13;48:1,22,23;77:13,13, 15,16;78:2
Martins (2) 57:11,17
Marvin (1)
64:20
Mary (1) 102:22
massive (1) 29:17
Mater (2) 55:20;56:3
material (2) 19:10,13
materials (2) 19:9,25
math (1) 85:6
matter (5)
25:22;26:10;63:18;69:2; 82:13
matters (4) 4:9;18:8,16,19
matures (1) 28:2
maturity (1) 28:9
Max (2) 3:10;21:20
may (17) 7:24;14:21;15:3;17:19;20:1, 11,22;23:1,8;31:21;51:6;60:8, 9;62:4;93:12;94:2;96:9
Maybe (13) 11:3;15:14;18:14;20:25; 29:13;54:21;65:1,20;66:1; 82:10;84:3;88:9;94:11
mean (5) 37:5;43:10;46:20;79:10; 102:3
meaning (1) 52:13
means (6) 14:15;15:16,22;18:15,21,25
meant (2) 73:11;85:18
meet (4) 57:16;69:17;70:3;99:7
meeting (14) 3:13;9:1,4;20:21;38:24,24; 39:3;55:19,21;56:14,20;57:3; 58:3;94:5
meetings (17) 7:11,12,14;8:20;9:8,19; 13:19;20:15,18;39:7;65:2,18; 66:4;69:4,5,20;70:10
meets (1) 14:8
megawatts (5) 68:23;69:2,19,20;70:5
meltdown (1) 83:17

| Melville (1) | misgivings (1) | mother (2) | Navy (10) |
| :---: | :---: | :---: | :---: |
| 40:3 | 36:20 | 55:20;82:10 | 11:11,12;12:6;15:13,15,16, |
| Member (4) | mission (2) | motion (5) | 19;96:2,21;97:10 |
| 3:20;42:13;43:13;86:25 | 31:25;32:1 | 101:10,23;102:6;103:3;104:8 | Navy's (3) |
| members (9) | mistaken (2) | Mount (3) | 10:25;16:18,21 |
| 5:12,18,22;8:14,15;31:17; | 57:19;60:4 | 38:10,10,10 | near (2) |
| 61:19;92:2;95:17 | mitigate (2) | mountain (1) | 21:16;26:3 |
| men (2) | 16:9;75:24 | 101:17 | nearly (2) |
| 38:16;61:5 | mitigated (1) | mountains (3) | 35:7;73:5 |
| mention (2) | 49:19 | 48:24;54:12;90:21 | necessarily (1) |
| 67:17;94:7 | mitigation (7) | mouth (1) | 60:14 |
| mentioned (13) | 16:10;48:2,5;49:6;52:19; | 8:1 | necessary (3) |
| 9:3,19;12:5;13:14;15:11; | 75:23;77:17 | move (9) | 33:21,22;50:22 |
| 28:11;29:11;51:20;65:5;71:14; | mixed (1) | 71:19;74:5;81:9;82:24;88:7; | necessity (1) |
| 78:2;80:4,5 | 76:23 | 95:10;97:19,20;101:23 | 82:10 |
| merely (2) | mobile (2) | moved (1) | need (28) |
| 17:19;19:22 | 38:5;79:9 | 85:23 | 32:21;43:3,11;59:14,15; |
| message (1) | model (2) | moves (2) | 67:20;68:3,11,20,20,21;69:12, |
| 56:6 | 51:18;86:6 | 28:1;73:13 | 17,19,25;70:4;71:2;73:25;80:6; |
| met (4) | moment (1) | moving (4) | 83:21;87:14;90:14;92:25;93:3, |
| 14:6;19:8;57:11;95:5 | 25:12 | 81:25;82:2;84:8;97:25 | 14;95:9,9;103:6 |
| microbes (1) | Monday (2) | much (20) | needed (6) |
| 25:22 | 93:21;102:9 | 19:21;25:23;30:19;34:23; | 26:11;32:23;67:15;74:6; |
| microbial (1) | money (8) | 39:10;41:12;42:5,18;55:3;57:7; | 88:24,25 |
| 26:11 | 43:22,24;71:23,24;72:1;82:5, | 66:25;70:17;71:4;78:7;81:15, | needs (4) |
| microgrids (4) | 7,25 | 22,23;84:16;90:11;91:21 | 30:16;33:23;70:3;101:2 |
| 72:10,11;80:5;83:19 | mono (2) | multi-use (1) | negative (1) |
| middle (1) | 57:22,23 | 13:8 | 48:7 |
| 51:16 | Montana (1) | museum (1) | negotiations (1) |
| midst (1) | 31:16 | 73:4 | 100:5 |
| 73:11 | month (4) | must (8) | neighbor (4) |
| might (7) | 29:12,13;65:4;68:12 | 9:14,24;21:16;23:2,8,14,22; | 37:3;41:17;73:2;88:6 |
| 29:4;30:16;38:15;60:9;74:8, | months (5) | 54:18 | neighborhood (6) |
| 19;102:10 | 68:12,13;83:22;84:19,19 | Myers (17) | 66:24;67:2,3,3,20;85:11 |
| mile (1) | $\boldsymbol{m o o t}(1)$ | 2:15,23;24:6,6,7,7,11,13,23; | neighbors (9) |
| 91:18 | 17:21 | 30:21;76:12;86:18;87:7,8,12, | $28: 18 ; 35: 11 ; 55: 20,21 ; 57: 10$ |
| miles (11) | more (53) | 12;91:23 | $66: 16,22,22 ; 67: 4$ |
| 28:23;29:1;35:14;37:21; | 7:2;9:8;10:5;22:6,11;25:8; | M-y-e-r-s (1) | NEPA (5) |
| 58:18;63:5;76:18,19;88:20; | 30:8;32:14,15,16;33:2;36:3; | 24:8 | 6:21;13:16,17;15:13,15 |
| 91:4,5 | 37:6,8,12;38:1;39:9;40:7; | myself (6) | net (2) |
| Mill (1) | 43:24;62:10;63:23,25;65:15, | 4:5,9;5:20;59:17;68:10;74:4 | 34:4,5 |
| 76:7 | 19;69:19;70:4,5,9,13,14;71:2, |  | neutral (2) |
| million (1) | 21,25,25;72:1;73:1;75:22;77:4; | N | 41:12,13 |
| 79:7 | 80:22;81:2,12;82:1;84:3,4,4; |  | new (15) |
| mind (2) | 87:14,16;88:24;89:14;90:12; | name (12) | 8:7;33:7;43:4;76:19;82:19, |
| 61:4;78:3 | 98:20;99:10;102:10 | 5:9;24:2,7,8,11;26:7;34:25; | 19;83:20;84:14;85:7,7;86:7; |
| mind-boggling (2) | Morgan (5) | 35:3;39:5;87:11,12;92:4 | 88:8,17;89:24;98:10 |
| 62:21;73:7 | 15:1;67:3;73:25;74:12;75:15 | named (1) | news (3) |
| Mine (1) | morning (2) | 56:18 | 79:25;80:1,25 |
| 38:1 | 26:6;63:19 | narrow (1) | newspaper (2) |
| minimize (2) | Morrow (21) | 51:7 | 7:25;18:2 |
| 31:22;32:13 | 4:12,24;5:4;6:6;10:6,9; | National (3) | next (26) |
| minimus (2) | 11:19;12:4;13:6;17:3,4;24:12; | 27:12,14;78:5 | $7: 4 ; 11: 17 ; 12: 1,16 ; 13: 10$ |
| 52:20;53:5 | 35:4;38:19;61:21;62:5,20;77:7, | Natural (2) | 26:14;30:9,22;31:3;34:24; |
| minor (1) | 8;96:1;104:18 | 12:7,13 | 37:15;40:24;42:11;46:16; |
| 102:8 | Morter (1) | nature (1) | 56:24;64:18;73:24;74:12;75:3; |
| minute (2) | 37:3 | 32:23 | 78:8;85:11;86:18;90:8;91:24; |
| 64:16;94:21 | most (15) | natures (1) | 92:21;93:21 |
| minutes (7) | 5:13,21;25:7,15,24;30:6; | 33:5 | nice (5) |
| 50:6,9,13;64:3;86:10,22; | 32:6;37:5;46:14;55:1;65:12,17; | Naval (1) | 54:9;79:17;82:24;90:9,11 |
| 104:12 | 73:23;74:7;77:8 | 10:17 | night (14) |
| mirror (1) | mostly (1) | navigated (1) | $54: 1 ; 63: 8 ; 65: 6 ; 67: 4 ; 72: 19$ |
| 63:19 | 89:22 | $65: 13$ | $76: 15 ; 90: 16,16,17 ; 92: 10 ; 94: 9$ |

11,14;95:20
night's (2)
8:4;21:13
NIMBY (1) 74:4
NIMBYs (2) 68:1,1
nobodies (1) 61:4
nobody (8) 54:19;56:6;59:21;61:23; 62:13,23;67:14,15
no-brainer (1) 67:14
noise (12) 51:18,21,22,23,24;52:8,12, 15,20;76:14,14,16
non-centralized (1) 86:5
none (2) 87:6;104:16
normally (2) 49:8;51:12
north (7) 10:24,24;41:3,11,22;96:24; 97:13
Northeast (1) 31:7
northern (2) 97:7,14
Northwest (2) 31:11;85:3
note (6) 6:15;15:21;16:2,20;22:25; 28:13
notes (3) 9:18;13:13;79:24
notice (5) 7:24;9:12;18:1;54:19;99:10
noticed (1) 89:13
notification (3) 45:16,21;76:4
notified (2) 45:13,20
notify (2) 45:16;75:21
noting (1) 16:14
nowadays (3) 70:10;89:2;91:14
nowhere (6) 54:23;61:17;62:23,23;75:12, 15
number (6) 46:22;69:3;77:23;92:14,16, 17
numbers (1) 65:8
numerous (1) 100:11
nutrients (1) 26:13

NWSTF (3)
10:17,25;12:8

|  |
| :--- |
| OAR (1) |

## OAR (1)

22:24
objective (1)
48:17
obligation (1) 15:24
observation (1)
44:24
observe (1) 65:2
obviously (7)
54:17;55:15;58:7,9;59:2;
62:22;98:4
occasionally (1)
68:11
occur (2)
27:20;32:17
occurs (1) 34:10
October (2)
7:10,12
ODF\&W (6)
12:24;13:3;46:12,18;48:4,8
ODOE (1)
93:22
off (13)
7:16;26:10;41:19;42:22;
55:12;64:22;72:13;78:11;
84:19;85:23;86:8;89:5;92:22
offer (1)
70:22
Office (1)
4:17
Officer (38)
2:8;3:15,16,18;4:11,19,19; 20:18;21:3;24:18;30:20,25;
31:3;34:23;37:15;40:23;42:7, 10;53:8,10,17,19;60:7;63:22; 64:9;86:16,24;87:6,10;91:22; 95:21;98:2,11;100:15;102:2; 103:17;104:9,17
officials (1) 62:15
often (1) 59:14
old (2)
29:20;87:16
older (1)
88:5
once (13)
29:12;39:8,9,12,19;40:1,6, 11;54:13;57:8;86:6;91:2,10
one (59)
6:3;10:12;11:23;13:10; 14:21,21;17:6;18:5;21:18; 24:21;25:15;26:14;27:13;38:3, 8,17;40:2,2,3,5;41:13,25;43:19, 20;45:24,25;47:5,20;48:22;

49:3;50:3,8;52:25;54:9;55:20;
57:23;59:7,18;60:21;63:23;
65:23;67:18;71:6;75:16;88:1,
18,19;90:8;94:18;96:24,25;
98:4,13,20;100:3;102:7,10;
103:21;104:11
ones (3)
61:22;79:25,25
ongoing (2)
36:24;100:9
Only (18)
19:24;40:2,3,5;46:11;49:6, 11;61:22;67:13;74:18;80:11; 86:22;88:2,25;91:12;97:3; 98:14;100:24
onto (1) 43:5
open (10)
21:22;39:8,10;40:1,2,6;
78:23;79:2;101:1;104:20
opened (1)
40:11
operate (1) 24:11
opinion (2) 30:15;93:4
opportunities (6)
5:5;11:18,20,24;36:2;84:18
opportunity (15)
7:21;8:11;14:18;18:25; 20:24;21:4;22:2,14;23:11,20; 39:16,17;64:4;94:19,24
oppose (1) 35:23
opposed (2)
24:16;37:7
opposite (1) 10:18
opposition (2)
19:23;31:21
opted (1) 15:15
optimistic (1) 86:9
option (1) 70:24
options (4) 68:6;70:11,14;71:7
oral (8) 7:22;8:12;18:12;20:7;21:6, 15;22:21;34:17
order (33)
3:7,19;4:13;5:6;7:15,18;8:21, 23;9:10,11,12,21,22;10:1;
12:14;14:11,20;16:12,17;17:1,
$11 ; 19: 15 ; 21: 8,10 ; 22: 17 ; 24: 16$, 17,20,24;32:23;33:22;65:5,7
Oregon (33)
2:11;3:3;4:17,23;5:1,10; 12:23;24:9;26:3;31:8,12,15; 33:14;35:2;37:19;41:2;42:14; 53:4,24;56:14;64:20;72:16; 78:5;79:11,22;83:18;84:7,17;

92:12,17;93:4,12,21
Oregonian (1)
72:8
Oregonians (1) 65:24
organic (2) 25:21;26:10
organize (1) 67:21
organizing (1) 73:17
orient (1) 5:20
originally (1) 38:2
others (1) 68:12
ours (1) 41:18
ourselves (2) 68:16;72:22
out (78) 3:10;6:15;10:13;13:2;19:2,6, 14;21:16,19;26:8;29:14;33:13; 38:17,21;39:25,25;40:1,1,19, 20;45:1,2,7;46:12,21;47:19,21; 48:24;49:18,23;50:1;51:16; 53:11;55:1,10;60:9,21;61:3,3; 62:15,18,22;64:5,13;67:7,12; 68:2,17;69:3,7,8;71:3;74:8,23, 24;78:7,15,19;80:13,13;81:9; 85:10;87:22;88:23;89:21; 90:10;91:13;92:10,14;94:2,13; 96:12,13;97:16;99:15;101:24; 103:23;104:6
outdated (2) 81:3;85:20
outlines (2) 9:24;34:19
outset (1) 60:10
outside (2) 12:25;20:2
over (34) 3:13;5:13;6:3,9;8:22;11:7; 25:15;26:5;27:9;32:1;35:12,14; 52:24,24;57:8;58:21;59:21,24; 60:20;68:14;69:9;71:5,17; 74:12;76:4,16;78:21;86:2; 87:17;89:11;92:19,22;95:16; 99:2
overcome (2) 30:10;36:20
overloaded (1) 32:15
overstated (1) 43:12
overview (2) 5:3;6:4
own (9) 15:13,15,16;42:23;44:11; 59:17;62:20;82:21;86:3
owned (3)

| 4:6;12:6;96:2 | passed (1) | 54:10 | plants (3) |
| :---: | :---: | :---: | :---: |
| owner (2) | 90:4 | permitting (4) | 68:24,25;70:5 |
| 41:4,12 | passionate (2) | 6:18;13:15;82:7;95:8 | players (1) |
| owners (2) | 66:3,11 | person (13) | 42:21 |
| 77:2;97:17 | past (1) | 18:9;23:1,3,7,15,22;24:5; | pleasant (1) |
| owners' (1) | 94:19 | 54:22;57:1,2;59:7;64:17;92:11 | 62:4 |
| 98:24 | path (3) | personal (1) | please (17) |
| owns (1) | 40:4;78:12;81:1 | 28:17 | 3:10;19:21;21:19,25;22:25; |
| 44:12 | Patrick (1) | personalize (1) | 30:24;31:2;53:11;63:19,20; |
| $\mathbf{P}$ | 2:9 | $83: 11$ person's (2) | $\begin{aligned} & \text { 64:6,14;79:3;87:3,11;95:14; } \\ & 102: 14 \end{aligned}$ |
|  | 12:15 | 23:12,23 | plenty (2) |
| Pacific (11) | pay (5) | perspective (4) | 70:12;89:15 |
| 4:1,3,6,7,22;8:8;21:14;31:10; | 65:19;82:18;90:1,2,2 | 100:4,6,8;103:6 | Plus (1) |
| 33:1;85:3;104:22 | Paying (2) | pets (1) | 59:1 |
| PacifiCorp (2) | 36:8;81:2 | 67:6 | pm (10) |
| 4:3;36:23 | payment (4) | phase (3) | 3:2;4:22;8:8;21:14;94:23; |
| page (1) | 36:8,24;48:4;90:6 | 5:6;6:9;18:5 | 102:1,9;104:16,22,24 |
| 14:11 | peaceful (1) | phenomenal (1) | POD (1) |
| pages (1) | 78:17 | 76:24 | 99:22 |
| 19:14 | peak-and-valley (2) | phone (5) | point (12) |
| pain (1) | 32:23;33:5 | 21:24;35:19;64:12;87:2; | $6: 10 ; 17: 21 ; 18: 8 ; 19: 6 ; 22: 6$ |
| 41:20 | peaks (1) | $104: 14$ | $28: 10 ; 42: 5 ; 43: 19 ; 65: 12 ; 67: 11$ |
| panels (1) | 70:21 | pictures (2) | 99:4;103:18 |
| 84:13 | Peggy (1) | 39:24;48:21 | pointing (3) |
| paper (1) | 35:5 | piece (7) | 19:2,14;66:23 |
| 90:13 | Pendleton (3) | 55:11;75:11;81:11;92:21; | pole (4) |
| papers (1) | 8:4;26:3;60:25 | 93:6;94:7;96:14 | 57:23,23;88:22;90:25 |
| 91:2 | pennies (2) | pink (1) | poles (5) |
| Paradise (3) | 29:4,21 | 10:18 | 57:22;82:8;85:2,4;91:16 |
| 72:19,20,24 | people (44) | pioneers (1) | political (1) |
| parcels (1) | 5:23;22:4;36:5;42:19;44:4, | 78:21 | 36:22 |
| $48: 3$ | 22;45:2,6,9,11,16,17,18;50:11; | pissed-off (1) | pond (1) |
| parents (1) | 51:11;54:7;55:23;62:19;63:6; | 63:5 | 43:17 |
| 79:16 | 64:4;65:3,6;66:18,20;67:10; | pit (1) | pop (2) |
| Park (2) | 68:5,7;71:5,22;72:18;73:13,23; | 35:20 | 55:17,18 |
| 15:1;59:4 | 74:7,14;75:21,23;76:25;78:1, | pitted (1) | popular (1) |
| part (23) | 14,18;80:25;83:3;86:20;89:9 | $66: 22$ | $73: 23$ |
| 15:23;16:11;17:10,13,22,23; | people's (2) | pivot (1) | population (1) |
| 18:11,14;22:22;38:14;41:4,5, | 51:24;71:8 | 97:23 | 73:9 |
| 25;47:8;50:23;71:21;73:21; | per (2) | pivots (2) | Port (5) |
| 75:25;84:12;89:25;90:19;95:1; | 28:23;38:8 | 97:21,25 | 4:24;17:4;61:21;62:5,19 |
| $99: 21$ | percent (7) | place (9) | portfolio (2) |
| participate (4) | 51:25;52:1,2;81:20;84:19; | $27: 10 ; 28: 21 ; 35: 10 ; 47: 5$ | 33:15;84:3 |
| $5: 5 ; 9: 13 ; 18: 10,17$ | $92: 16,18$ | $55: 16 ; 58: 13 ; 90: 5 ; 91: 8 ; 99: 25$ | portfolios (7) |
| participated (1) | percentage (2) | placement (1) | $32: 24 ; 33: 5,13 ; 69: 11,13,13,$ |
| $13: 19$ | $52: 23,23$ | $11: 21$ | $17$ |
| participating (1) | percentages (1) | places (4) | portion (4) |
| 71:22 | 27:9 | 12:9;48:21;55:2;99:14 | 6:7;17:25;23:25;36:25 |
| particular (2) | perhaps (5) | placing (3) | Portland (2) |
| $54: 9 ; 77: 21$ | 15:20;20:25;26:23;27:10; | 11:20,22,25 | 31:7;38:2 |
| particularly (1) | $29: 12$ | plan (12) | position (6) |
| 50:20 | period (12) | 45:4,5;57:12;93:8,14;98:6,7; | 19:13;20:1,20;23:12,23; |
| partly (1) | 7:17;8:7;9:1;21:9;23:16; | 99:3,16,20;100:13;103:18 | 60:13 |
| 90:19 | 52:11,14,17;64:25;94:10; | plane (1) | positive (1) |
| partner (3) | 100:21;104:20 | 59:13 | 34:3 |
| 41:3,4,11 | periods (1) | planning (8) | possibility (3) |
| partners (1) | 32:11 | 62:4;69:5;72:11;80:5,6,21; | 27:22;36:9;39:9 |
| 17:7 | permanent (1) | 93:1,7 | possible (4) |
| parts (3) | 49:7 | plans (6) | 25:23;27:25;29:10;59:12 |
| 18:4;24:21;79:23 | permanently (1) | 44:20,25;45:13;99:6,16,21 | possibly (1) |
| party (1) | $35: 25$ | plant (4) | 58:20 |
| 54:9 | permits (1) | 28:2,4;34:14,15 | postharvest (1) |


| 28:14 | 91:1 | projections (1) | pump (1) |
| :---: | :---: | :---: | :---: |
| posts (1) | prevention (1) | 43:11 | 69:14 |
| 91:11 | 99:3 | projects (2) | pumping (1) |
| potential (4) | previous | 4:6;35:2 | 89:22 |
| 25:5;26:19;32:15,18 | 15:4;26:13 | property (22) | purchased (1) |
| potentially (3) | previously (4) | 12:6;35:15,18,24;36:1,2,12, | 17:5 |
| 28:6;29:16,25 | 8:1;21:11;23:21;28:11 | 17;41:15,17;46:9,19;58:19; | purpose (4) |
| Power (80) | priceless (1) | 77:2;79:4,4,10;96:2,18,22; | 8:13;20:21;21:3;31:24 |
| 4:1,3,6;6:17;16:15;17:6,7; | 74:21 | 97:16;98:24 | Pursuant (1) |
| 20:14,24;29:5;30:16;32:6;33:1, | prices (2) | prophesying (1) | 22:24 |
| 17,24;34:2;35:18;36:23;38:24; | 43:23;69:15 | 85:13 | pursue (1) |
| 39:8;41:3,11,22,25;42:4;44:18; | primarily (1) | propose (3) | 97:12 |
| 45:1,5;48:14;49:4;54:16;55:7, | 10:20 | 14:2;36:24;57:13 | pushing (1) |
| 22;56:9,16;57:3,9;58:14;59:20, | prior (7) | proposed (60) | 52:15 |
| 22;60:3,4,5,8;62:7,8,12;64:1; | 23:15;32:20;54:18;65:2; | 3:7,24;4:8,13;5:3,6;6:5,6,16, | put (17) |
| 66:18,21;67:10,16;68:19,20,20, | 66:17;67:1;97:8 | 16,25;7:15,18;8:21,23;9:10,11, | 22:8;29:14;31:1;38:5,21; |
| 21,23,23;69:11;70:3;71:3,17; | priority (1) | 12,22;10:5,23;11:10,11,12,12; | 40:7;41:10,15,16;44:17;48:10; |
| 74:2,8;75:20;86:22;87:1,7; | 25:25 | 12:14;13:5,5;14:11,13,17,20; | 69:20;71:2;74:8;85:18;87:25; |
| 88:2,25;89:8,15;91:25;92:4,11; | private (1) | 15:2,9;16:12,17;17:1,10,11; | 92:14 |
| 94:18;103:8,20;104:1,1 | 59:21 | 19:15;21:8,10;22:16,23;24:17, | puts (1) |
| Power's (4) | prized (1) | 20,24;35:24;55:23;58:17; | 102:11 |
| 4:7;86:2;94:6;100:19 | 25:15 | 60:11,12;65:5,7;93:15;96:1,3,8, | putting (7) |
| practically (1) | probabilit | 11,16 | 51:13;73:8;78:3;82:5,7; |
| 89:23 | 27:23 | proposes (1) | 84:13;99:23 |
| pray (1) | probably (13) | 17:2 |  |
| $6$ | 6:13; | proposing | Q |
| 25:24 | 65:18;86:13;94:11;95:16 | protect (8) | qualify (1) |
| predict (2) | problem (4) | 44:13;48:9;72:22;73:22,25; | 9:13 |
| 27:22,22 | 30:14;49:5;60:18;7 | 74:25;85:17,18 | quality (3) |
| predominantly (1) | problematic (2) | Protected (2) | 18:18;48:16;78:17 |
| 66:8 | 41:16;81:4 | 12:13;77:13 | quarter (1) |
| preferred (1) | problems (4) | protection (4) | $91: 18$ |
| $13: 23$ | 30:2;51:21;76:4,9 | 27:3;29:23;67:5;99:3 | questionable (2) |
| preliminary (1) | procedural (1) | protections (1) | 47:15;75:10 |
| $7: 7$ | 6:13 | 13:3 | quick (2) |
| premier (2) | proceed | proud (2) | $49: 1 ; 89: 3$ |
| 78:6;79:21 | 99:10 | 72:8,8 | quite (11) |
| prepare (1) | proceedin | provide (21) | $7: 8 ; 12: 20 ; 27: 14 ; 30: 23$ |
| 72:10 | 23:14 | 5:3;6:3,10;7:22;8:10,11,14; | $41: 21 ; 56: 13 ; 76: 12 ; 88: 10 ; 90: 6$ |
| prepared (1) | process (30) | 9:25;10:14;14:7;19:10;20:7; | 94:22;95:16 |
| 98:24 | 5:6;6:11,21,21;7:4,5;11:17 | 21:4,15,17; $24: 2 ; 52: 25 ; 70: 19$; |  |
| preparedness (1) | 13:16,25,25;15:23;17:18 | 99:24;100:23,24 | $\mathbf{R}$ |
| 72:12 | 18:11;26:23;39:1;68:6;83:23; | provided (2) |  |
| preparing (1) | 86:3,15;93:1,7,24;95:4,6;96:17, | 18:23;43:16 | rainfall (2) |
| 72:17 | 20,25;99:9;100:12;103:7 | providing (4) | 25:23,24 |
| prepped (1) | processes (1) | 18:12;19:24;43:9;101:19 | raise (10) |
| 7:14 | 66:10 | prudent (1) | 20:2,22;23:1,2,7,8,13,21; |
| present (2) | product (2) | 37:7 | 43:21,24 |
| 21:5;23:23 | 44:24;47:24 | public (43) | raised (5) |
| presentation (4) | production (2) | 3:7,8,17;4:12;5:5,19;7:21; | $23: 15,18 ; 38: 6 ; 43: 15,15$ |
| 5:21;6:2,3,7 | 35:16;36:4 | 8:2,5,14;9:1,6;10:2;17:25; | rambling (1) |
| presentations (2) | profession (1) | 20:19;21:4,9,13,25;22:13,15, | 85:16 |
| 5:18;22:21 | 58:20 | 19;23:3,25;29:14;32:14;42:8; | ranch (2) |
| preserve (1) | profits (1) | 54:25;64:13;65:25;69:10;70:1; | 63:16,16 |
| 18:16 | 82:25 | 86:25;93:4;94:10;95:6;100:23; | ranchers (1) |
| preserving (1) | Project (33) | 103:19,20;104:14,18,19,20 | 44:1 |
| $25: 25$ | 3:15;4:10;6:14;9:21;10:1; | public's (1) | ranches (1) |
| presiding (4) | 13:15;14:14;19:23;20:23; | 7:21 | 55:4 |
| 3:16;4:16,19;104:17 | 24:16;29:19;31:21;32:4,5;34:7, | PUC (5) | ranching (1) |
| pretty (10) | $9 ; 35: 7,23,25 ; 41: 12 ; 56: 19$ | 68:15;75:3;80:23;93:12,25 | $43: 14$ |
| 41:11;42:5;45:14;55:18; | 62:25,25;74:22;75:6,19,19; | pull (4) | Range (13) |
| 66:25;79:17;89:3;90:10,20; | 81:10;92:5,6,25;95:8;99:13 | 6:15;74:18;96:5,5 | 10:7,16,19;11:4;13:12;15:18; |


| 96:14,15,22,23;97:4,13,15 | recognizing (1) | 32:7,22;34:6,8,10,21 | represents (1) |
| :---: | :---: | :---: | :---: |
| rangelands (2) | 31:20 | regions (2) | 31:15 |
| 77:3,5 | recommend (2) | 32:12;33:4 | request (7) |
| rapidly (2) | 14:4;15:7 | registration (1) | 3:7;8:6;95:1;100:18,19,19; |
| 27:18;29:17 | recommending (1) | 21:16 | 103:5 |
| raptors (2) | 14:12 | regret (1) | requests (2) |
| 77:12,12 | recommends (1) | 62:5 | 8:5;22:12 |
| rated (5) | 14:23 | regulate (1) | required (2) |
| 47:6;48:18,21,23;49:5 | re-conducted (1) | 70:22 | 44:19;99:5 |
| ratepayers (1) | 85:4 | regulation (1) | requirement (2) |
| 34:6 | re-conductor (1) | 70:20 | 6:18;43:4 |
| rates (3) | 85:2 | regulations (1) | requiring (1) |
| 26:17;34:3;46:19 | reconvene (2) | 36:17 | 4:9 |
| rating (3) | 64:3,7 | regulatory (4) | Research (7) |
| 46:20;47:4;48:16 | record (12) | 83:22,24;84:9;93:24 | 12:6,12;26:2,25;48:15;68:4; |
| Rauch (5) | 3:22;5:9;6:23;8:16;9:7,14; | Reinforcement (1) | 83:14 |
| 2:19;40:24,25,25;42:9 | 15:11;16:21;22:22;23:16;24:3; | 81:10 | researched (1) |
| R-a-u-c-h (1) | 92:15 | related (2) | 72:4 |
| 41:1 | recorded (1) | 4:3;93:17 | researcher (1) |
| read (4) | 8:16 | relates (2) | 26:6 |
| 7:24;52:4;62:18;90:13 | recording (1) | 24:24;29:8 | researchers (1) |
| ready (1) | 22:20 | relationship (2) | 26:2 |
| 30:23 | recover (1) | 56:8,12 | researching (2) |
| real (8) | 26:24 | relative (2) | 68:5;70:9 |
| 30:12;38:22;42:8;68:10,10; | Recreation (4) | 27:8,9 | Reservation (1) |
| 79:3,25;84:22 | 14:23;78:2,11;79:18 | relatively (1) | 16:8 |
| realize (1) | recreational (1) | 7:13 | residue (1) |
| 76:10 | 14:25 | relatives (1) | 28:16 |
| really (37) | recruitment (2) | 90:4 | resiliency (1) |
| 5:16;9:23;18:16;19:10; | 79:20,20 | relevant (1) | 85:13 |
| 24:18;25:15;40:10;43:2;46:25; | recuse (1) | 3:24 | resistance (1) |
| 47:24;50:7;65:10,24;67:13; | 4:5 | relies (1) | 40:4 |
| 68:1,19;70:17;71:9;72:1,22; | recusing (1) | 93:3 | resource (12) |
| 73:22;80:24;81:8,13;82:9;83:8, | $4: 9$ | rely (1) | $25: 25 ; 29: 3 ; 30: 15 ; 69: 5 ; 93: 1$ |
| 16,18,20,20;88:18;90:9;92:24, | red (5) | 93:3 | 94:5;96:21;97:5,7,8,11,14 |
| 25;94:7;98:10,19 | 10:22;27:12,15,19;29:11 | relying (2) | resources (11) |
| reason (8) | redone (1) | 50:4,11 | 11:23;16:1,5,6,9;32:7;33:7, |
| 17:16;37:19;46:18;69:16; | 88:16 | remaining (1) | 16;47:1;50:19;93:15 |
| 72:16;75:20;90:18;96:16 | reduce (1) | 28:16 | respect (1) |
| reasons (2) | 12:2 | remember (10) | 25:18 |
| 31:22;32:5 | reduces (2) | 43:19;55:22;56:2,13,24; | respond (14) |
| rebuilding (1) | 11:22;28:19 | 57:10,17,24;58:5;94:9 | 18:25;23:11,20;37:4;50:9; |
| 26:23 | reducing (1) | remind (3) | 94:20,24;98:18,22;100:20,25; |
| rebuilt (1) | 97:25 | 42:17,20;44:16 | 101:3,20;103:20 |
| 25:12 | reduction (3) | remodelled (1) | responded (1) |
| rebuttal (1) | 29:24;33:6,21 | 79:6 | 50:10 |
| 101:25 | redundancy (1) | remove (1) | responses (3) |
| receipts (1) | 85:12 | 17:19 | 50:15;98:17;101:25 |
| 36:25 | reference (6) | removed (1) | responsible (1) |
| receive (1) | 8:22;17:14;19:9,10,12,25 | 35:16 | 51:17 |
| 29:4 | reflects (1) | rendered (1) | rest (1) |
| received (4) | 9:9 | 30:4 | 62:8 |
| 7:25;9:7;21:18;101:25 | reforms (3) | renewable (6) | restrictions (1) |
| receives (1) | 83:22,24;84:9 | 32:7,24;33:5,10,13,15 | 42:19 |
| 48:4 | refuge (1) | renewables (6) | result (3) |
| recent (2) | 49:23 | 43:4;69:6,21;70:21;82:18; | 13:16,19;48:5 |
| 70:4;82:3 | refugees (1) | 83:21 | resulted (2) |
| recently (2) | 66:11 | replaced (1) | 6:23;43:6 |
| 7:13;81:8 | regarding (2) | 25:12 | retirement (1) |
| Recess (1) | 24:25;25:5 | report (1) | 54:11 |
| 64:8 | Regardless (1) | 19:24 | returned (4) |
| Recognize (2) | 50:17 | reporter (3) | 37:1;66:13;67:2;74:22 |
| 37:12;99:10 | region (6) | 8:17;22:18;24:4 | returning (1) |


| 66:14 | rolling (1) | 5 | separate (1) |
| :---: | :---: | :---: | :---: |
| revealed (1) | 63:6 | Sandhollow (1) | 16:6 |
| 26:3 | Ronde (1) | 35:9 | separately (1) |
| revenue (1) | 78:22 | sat (2) | 14:3 |
| 27:1 | room (2) | 5:15;57:19 | September (7) |
| review (12) | 39:3;88:1 | satisfy (1) | 7:11;27:17;102:3,9,9;103:19, |
| 6:21;7:5;8:21,24;9:4,5; | Roppe (11) | 69:12 | 23 |
| 13:24;14:1;15:13,16,23;16:16 | 2:6;86:19;87:5;101:4,9,14; | savings (1) | sequestering (1) |
| reviewed (1) | 102:6,13,24,25;103:10 | 34:4 | 25:22 |
| 7:8 | rotation (1) | saw (6) | series (2) |
| revised (1) | 38:13 | 38:19;78:21,21;79:17;86:10; | 5:14;7:10 |
| 7:6 | roughly (1) | 90:11 | serve (1) |
| revisions (1) | 94:1 | saying (5) | 30:16 |
| 99:6 | rounds (2) | 47:2;50:2;52:22;57:24;101:4 | served (1) |
| rhyme (1) | 69:9,10 | scale (6) | 34:1 |
| 75:20 | route (25) | 33:9;48:15,17,18,23,25 | Service (5) |
| Ridge (1) | 10:7,23,23;11:12;13:5,6,23; | scars (2) | 27:12,14,21;28:5;29:13 |
| 49:22 | 14:2,3,4,17,19,21;15:2,5,8; | 76:22,22 | services (2) |
| right (37) | 60:11,12,15;76:7;77:9;96:3,8, | scenic (1) | 31:19;70:23 |
| 5:24,25;10:12,20;19:17; | 11;99:14 | 48:14 | serving (1) |
| 31:11;38:6,6,7,11;40:3;41:5, | routes (7) | scheduled (1) | 4:19 |
| 15;46:16;47:9;55:12;57:21; | 10:13,22;14:2,7,13;73:15; | 21:11 | session (1) |
| 62:1,7;68:24;73:2;76:3,8; | 96:1 | seat (1) | 92:13 |
| 77:16;78:3,12;84:11;86:1,24; | routing (1) | 37:10 | set (1) |
| 89:13,15,20,20,21;93:10,19; | 32:18 | second (5) | 95:4 |
| 94:23 | Rowe (1) | 18:14;27:5;95:1;102:6;103:4 | seventh (1) |
| right-of-way (6) | 2:9 | Secretary (12) | 38:3 |
| 11:1;12:2;29:4,21;34:1; | ruin (5) | 2:10;98:16;102:7,14,16,18, | several (4) |
| 100:12 | 58:19,20,23;62:17;63:15 | 20,22,24;103:1,3;104:7 | 22:7;23:17;33:1;56:16 |
| right-of-ways (3) | rules (4) | section (6) | shake (1) |
| 32:10;35:15;38:23 | 19:7;47:11;52:4,8 | 12:13;14:23;15:22;16:5,6,18 | 103:23 |
| ripped (1) | run (4) | sectors (1) | shaking (1) |
| 55:11 | 51:16,25;58:19;62:8 | 31:18 | 39:23 |
| risk (11) | running (1) | secure (2) | shall (1) |
| 27:4;29:5,25,25;30:18;40:9; | 88:6 | 70:23;80:4 | 12:24 |
| 71:9;81:23;84:2,3;94:5 | runs (6) | security (3) | share (2) |
| risks (2) | 10:24,25;11:5,9;41:5;62:20 | 80:1,20;81:3 | 52:18;79:25 |
| 81:21;84:2 | rural (4) | seeing (3) | shared (1) |
| River (5) | 79:11,21,21;84:17 | 19:12;72:5;82:5 | 98:23 |
| 33:15;38:20;48:6;89:18,19 | Russian (1) | seek (1) | sharing (1) |
| Riverfront (1) | $80: 16$ | 28:6 | 33:3 |
| 4:24 | Russians (1) | seem (1) | shed (1) |
| RMA (2) | 80:17 | 101:2 | 25:4 |
| 96:25;97:9 |  | seemed (1) | Sheetrock (1) |
| RNA (5) | S | 89:7 | 55:11 |
| 12:7;96:24;97:3,7,14 |  | seems (5) | shock (2) |
| Road (34) | Sacramento (1) | 47:25;55:5,8;57:14;60:23 | 54:20,20 |
| 10:7,16,19;11:4,6,7,10; | 31:7 | segments (1) | shocked (2) |
| 13:12;15:18;24:9;51:7,8,9,10, | safety (2) | 15:14 | 54:17;59:9 |
| 10,11,12,16;53:24;55:13;58:2; | 31:25;51:15 | select (1) | shop (2) |
| $64: 20 ; 74: 12 ; 75: 12,12,14,15,15$ | sagebrush (1) | 14:18 | 57:16;58:4 |
| 96:14,18,23;97:4,13,15 | 78:20 | selected (1) | short (1) |
| roads (11) | sage-grouse (3) | 15:13 | 68:23 |
| 25:17;35:14;51:2,5;75:17,18; | 77:19,20,22 | selling (1) | shortening (1) |
| 76:17,17,19,19;77:24 | Salem (1) | 43:22 | 97:23 |
| rob (1) | 68:15 | Senate (1) | show (1) |
| 61:6 | Sam (8) | 83:23 | 49:21 |
| ROD (3) | 2:15;24:6,7,7,11,23;37:23; | send (1) | showed (1) |
| 6:22;13:22;15:16 | 76:11 | 83:14 | 58:3 |
| Roger (1) | S-a-m (1) | Senior (3) | showing (1) |
| 37:3 | 24:7 | 2:11;4:25;5:10 | 94:4 |
| roll (1) | same (7) | sense (2) | shut (2) |
| 102:15 | 39:11;65:7;72:15,23,24;85:4, | 39:12;101:21 | 36:11,17 |


| side (19) | smooth (1) | 20:11,14;21:2;24:1 | stands (1) |
| :---: | :---: | :---: | :---: |
| 10:19,20,20,25;11:5,7,10; | 70:20 | SPEAKERS (2) | 32:2 |
| 36:16;41:19;55:13;68:19;72:9; | soil (29) | 2:14;65:23 | Stanish (1) |
| 96:14,18,23;97:4,8,15,17 | 25:11,13,13,18,20,21,21,22, | speaking (1) | 95:18 |
| sidewalks (1) | 22,23,24;26:8,10,11,15,15,16, | 54:25 | start (10) |
| 51:7 | 17,21,22;27:1;28:10,12;29:3,6; | special (1) | 29:16;31:9,20;43:24;45:25; |
| sight (1) | 76:8,11,13;91:9 | 91:6 | 67:21;76:1;87:10;92:10;100:13 |
| 61:3 | soils (3) | species (2) | started (17) |
| sign (1) | 29:9;46:1;76:8 | 43:17;49:21 | 28:20;29:1;33:1;56:8,12; |
| 46:13 | solar (6) | specific (5) | 60:21;68:4,5,5,22;72:4;87:17, |
| significant (2) | 43:7;69:6,13,22;70:19;84:13 | 6:5;19:6,14;27:5;30:12 | 21;88:24;89:17;96:12;97:12 |
| 28:15;65:3 | solution (2) | specifically (3) | starting (3) |
| signs (1) | 81:13,18 | 26:9;29:8;93:16 | 65:1;67:7;85:20 |
| 82:14 | somebody (12) | specificity (6) | Starvation (2) |
| simply (1) | 18:9;21:24;29:15;42:6; | 18:20,23;23:9,18,22;65:3 | 41:4,12 |
| 27:4 | 55:15;57:4;60:5,8;61:5;62:17; | speeds (1) | state (14) |
| simultaneously (1) | 64:11;86:21 | 28:23 | 6:11;7:3;13:25;19:22;27:10; |
| 28:24 | someone (3) | spelling (1) | 35:14,20;36:17;46:15;52:19; |
| sincerely (1) | 47:9,16;51:15 | 24:3 | 58:18;72:9;79:13,22 |
| 64:22 | someplace (1) | spend (2) | stated (1) |
| single (3) | 46:24 | 33:7;38:12 | 23:21 |
| 36:8;48:4;90:25 | sometimes (4) | spent (1) | statement (5) |
| sister-in-laws (1) | 27:7,17;50:14;87:14 | 55:1 | 3:20;13:21,22;23:11;52:11 |
| 43:20 | somewhat (4) | spiritual (1) | statements (4) |
| sit (2) | 41:9;43:12;57:12;88:4 | 78:24 | 19:25;48:17,20;50:25 |
| 43:19;65:19 | somewhere (3) | spoiler (1) | states (2) |
| site (12) | 30:17;58:10;88:7 | 14:10 | 42:25;80:14 |
| 4:13;21:7;44:17,17;45:7; | son (3) | spoke (3) | static (1) |
| 46:12;47:17,18;48:2;51:3,19; | 35:5;38:3,6 | 27:13;38:16;39:6 | 59:10 |
| 95:10 | soon (1) | spot (2) | Stating (1) |
| sites (1) | 55:19 | 18:17;38:9 | 19:9 |
| 13:9 | Sorry (5) | spray (2) | stats (2) |
| Siting (15) | 12:15;33:21;39:5;83:17; | 59:13,13 | 40:8,11 |
| 2:12;3:23;4:25;5:10;11:18, | 85:15 | spread (3) | statute (1) |
| 19,21,24;13:20;15:4;20:16; | sort (5) | 27:18;29:1,16 | 19:8 |
| 29:7;39:15,17;63:3 | 46:23;60:11;98:17;100:17; | spring (3) | statutes (1) |
| sitting (1) | 103:23 | 27:7,7;75:4 | 19:7 |
| 5:13 | sound (3) | spur (1) | stay (2) |
| $\boldsymbol{\operatorname { s i x }}$ (2) | 36:10;41:1;67:25 | 75:17 | 13:12;55:4 |
| 59:25;70:22 | sounding (1) | squirrel (3) | stays (1) |
| skipped (1) | 82:24 | 12:12,19,22 | 96:13 |
| 16:22 | sounds (2) | squirrels (3) | steel (2) |
| slide (9) | 9:22;71:18 | 77:7,8,10 | 90:24;91:11 |
| 6:12,13,15;7:4;11:17;12:17; | sources (1) | St (1) | Steve (1) |
| 13:13;18:7;19:4 | 42:23 | 38:10 | 26:7 |
| slides (1) | south (5) | staff (8) | still (8) |
| 13:4 | 10:24,24;60:23;96:12;97:15 | 14:3;20:24;21:17;47:21; | 28:19;32:2;81:16;82:6;86:1; |
| slope (1) | southern (3) | 64:23;92:2;103:24;104:1 | 94:4;97:6;99:15 |
| 76:7 | 69:21;96:25;97:8 | stake (2) | Stokes (13) |
| slopes (1) | southwest (1) | 29:6;71:4 | 62:24;91:24;92:1,4;95:22; |
| 76:8 | 81:10 | stand (2) | 96:11;97:24;98:3,7;99:1,20; |
| slow (1) | space (2) | 31:25;79:13 | 100:10,16 |
| 65:25 | 91:8;97:21 | standard (6) | Stokes' (1) |
| slowly (1) | spaces (1) | 14:6;19:8;35:18;52:20,24,24 | 100:18 |
| 89:7 | 79:2 | standards (8) | stolen (2) |
| small (3) | span (1) | 14:8;19:7;83:12;85:18,21,22; | $63: 9,14$ |
| 28:2;29:23;44:3 | 74:11 | 93:2;99:7 | stomach (1) |
| smaller (3) | spans (1) | standards-based (1) | 78:9 |
| 44:2;72:14;81:23 | 97:23 | 14:1 | stop (7) |
| smart (1) | speak (7) | standing (2) | 36:23;38:19;42:12;67:19,22; |
| 82:1 | 21:25;25:17;56:15;76:12,25; | 56:24;85:11 | 73:17;83:7 |
| Smith (1) | $87: 3 ; 94: 13$ | standpoint (1) | stopped (1) |
| 62:18 | SPEAKER (4) | 95:7 | 55:13 |

storage (6)
69:14,14,14;70:19,24;72:2
storm (1)
80:12
story (4)
67:22;75:1;84:10;86:13
straightforward (1)
18:15
strange (1) 48:25
Strawberry (1) 41:2
Street (2) 31:7;92:7
stress (4) 41:10;63:10;66:19;67:8
stressful (3) 39:2;83:16,17
strictly (1) 41:18
strike (1) 27:23
strong (1) 54:25
stronger (1) 72:24
structure (3) 25:22;26:15,15
structures (2) 14:25;49:7
studies (4) 13:20;33:12;34:21;37:23
study (2) 19:10,24
stuff (10) 66:15;68:7;69:5,25;80:20,20; 82:3;84:22;86:14;104:2
subject (4) 52:20;89:5,12,20
submit (5) 8:9;34:17;58:6,8;65:21
submitted (2) 7:6;23:4
submitting (1) 34:18
subspecies (2) 77:21,21
substation (13) 16:25;17:2,3,8,12,13,15,17, 19;35:17;67:16;82:2;96:13
succinct (1) 22:10
sucked (1) 75:2
sufficient (5) 18:20,23;23:9,18,22
suggestions (1) 101:1
suit (1) 54:25
summaries (1) 11:14
summarize (1)

5:4
summarizing (1) 17:9
summary (1) 13:18
summer (1) 27:7
Sunday (2) 102:2,8
support (8) 19:7,13,23;20:1;23:12,23; 32:5;94:12
supported (1) 35:12
supporting (2) 19:9,25
supposed (6) 48:7,11;52:5;59:21,23;60:4
supposedly (1) 51:2
suppress (1) 27:11
sure (8)
36:13;48:4,19;49:24;53:7;
78:1;85:20;94:8
surface (1) 71:19
surrounded (1) 48:24
surveyed (1) 77:9
surveys (3) 49:20,22,23
survive (1) 35:10
susceptible (1) 80:10
swaps (1) 11:7
swath (2) 35:7;36:6
swear (2) 16:22;18:19
System (6)
10:17;25:14;30:6;32:16; 45:14;46:2
$\mathbf{T}$
table (7)
3:9;5:16;43:20;46:7;65:7,13; 84:9
tables (1)
13:7
takeover (1) 80:19
talk (15)
5:16,20;7:2;11:24;12:11,16; 42:19;45:7;46:5;58:12;72:18; 86:13,21;89:12;96:4
talked (10)
26:6;54:10;57:19;59:25;
63:2;69:22;77:19;79:5;81:5;

94:8
talking (11)
30:13,14;48:1;51:4,11;55:23;
81:14,17;82:25;84:13;87:14
talks (2)
60:1;96:8
Tardaewether (8)
2:11;4:25;5:7,10;20:12;
39:15,21;60:10
Target (2) 42:21;61:4
tariffs (1) 82:21
$\boldsymbol{\operatorname { t a x }}(2)$ 90:6,7
taxes (1) 82:20
tear (2) 46:1,17
technologies (1) 82:1
Technology (1) 70:14
telecom (1) 80:9
telephone (2) 21:22;80:9
telling (6)
45:2,6,6;56:2;71:1;74:5
temporary (2) 49:10,15
terms (1)
98:16
terrorists (1) 80:18
Terry (6) 57:11,12,15,17,24;58:5
testified (2) 54:3;69:10
testify (1) 3:11
testifying (1) 65:3
testimony (29) 5:16;7:22;8:12,15,18;17:25; 18:13;20:7;21:6,15,19;22:13, 18,22;23:25;24:6;25:3;29:8,19; 31:22;32:20;34:18;42:8;64:17; 65:25;92:13;100:23;101:25; 104:19
Thanks (3) 64:20,21;104:9
theirs (1) 104:1
thereafter (1) 67:25
Therefore (1) 17:14
thinking (2) 43:23;58:9
third (2) 9:20;38:4
Thirty (1)

101:7
though (5) 8:21;39:19;42:10;72:20; 99:12
thought (8)
61:18;63:10;65:20,22;66:1; 88:9;91:1;101:11
thousand (1) 44:3
thousands (3) 48:8;58:23;89:2
threads (1) 67:25
threaten (1) 26:22
threatened (1) 57:5
three (5) 10:22;48:3;62:9;68:12;69:10
thrilled (1) 49:2
throughout (8) 14:19;31:11,15;32:7,12,21; 34:16,21
thumbs (2) 60:12,12
Thursday (1) 92:10
tie (1) 19:11
timber (1) 78:8
time-limiting (1) 34:8
timeline (2) 15:20;16:21
times (8) 23:17;27:16;33:16;52:14; 54:23;55:9;59:15;63:2
timing (2) 18:6;99:19
tiny (1) 90:15
tired (1) 65:18
today (10) 6:1;7:19;18:9;20:7;29:2; 31:23;35:6;42:15;49:1;53:13
Today's (1) 22:15
Todd (3) 2:10;57:18;58:6
to-do (1) 9:17
together (5) 19:11;57:10;67:9,11;99:23
told (9) 6:24;40:4;54:19;55:17; 56:10;59:2;68:15;72:2;75:7
tomorrow (1) 93:21
ton (1) 104:2

| tonight (19) | Travis (4) | 55:16;62:9;63:24;64:4;68:11; | 27:19 |
| :---: | :---: | :---: | :---: |
| 3:11;21:19;22:20;25:4;42:8; | 2:16;31:3,5,6 | 69:9;73:15;82:12;92:23;94:16; | urge (1) |
| 60:8;64:1,17;65:20,22;71:14; | T-r-a-v-i-s (1) | 96:3,9,21;97:1,20;98:13 | 29:7 |
| 74:15;92:9;94:8;95:2,17,19,20; | 31:6 | typically (1) | urgency (1) |
| 104:23 | treated (1) | 52:16 | 71:2 |
| tonight's (1) | 11:16 |  | use (8) |
| 3:16 | tree (1) | U | 30:6,7;51:2,11;52:11;59:13; |
| took (8) | 74:10 |  | 62:7;81:17 |
| 39:5;52:10;64:24;89:14,25; | treed (1) | ultimately (3) | used (6) |
| 90:1,7;91:12 | 76:23 | 95:10;99:8,9 | 16:15,17;26:14;53:20;91:10, |
| top (3) | trees (3) | Umatilla (2) | 10 |
| 25:25;38:11;80:7 | 43:16,16;80:11 | 16:7;97:17 | usefulness (1) |
| total (3) | trellis (1) | unbalanced (1) | $36: 1$ |
| 39:11;86:20;92:18 | 57:22 | 45:14 | useless (1) |
| totally (3) | tremendous (2) | unbelievable (2) | 30:4 |
| 19:20;75:2;81:18 | 88:11;89:14 | 62:21;76:18 | uses (1) |
| touch (5) | trespassed (2) | uncertainty (1) | 28:5 |
| $55: 24 ; 56: 3 ; 57: 15 ; 67: 6,7$ | 56:9;57:4 | 17:8 | using (1) |
| touches (1) | tribal (3) | under (6) | 39:18 |
| 91:5 | 15:25;16:5,9 | 16:5;30:17;37:8;59:3,4; | utilities (6) |
| tough (1) | tribe (1) | 84:23 | 33:2;42:25;82:12;83:25; |
| 89:9 | 16:13 | understated (1) | 84:1;93:4 |
| tourism (5) | Tribes (1) | 47:5 | utility (3) |
| 77:14;78:2,6,9,10 | 16:7 | Unfortunately (1) | 31:17;69:11;70:1 |
| tourists (1) | trickle (1) | 42:7 | utilize (1) |
| 78:13 | 22:7 | UNIDENTIFIED (3) | 34:1 |
| towards (3) | tried (2) | 20:11,14;21:2 | utilizing (1) |
| 28:2;81:25;84:4 | 96:5,5 | Union (4) | 48:11 |
| tower (6) $14: 24 ; 36: 25 ; 61: 23 ; 75: 13 ;$ | triple (1) $64: 15$ | 14:22;31:14;51:8;73:16 unit (1) | V |
| 87:23,23 | trouble (1) | 50:19 |  |
| towers (12) | 48:13 | University (3) | vacation (1) |
| 13:8;37:2,8;57:22;74:11; | troubling (1) | 79:11,12,21 | $55: 2$ |
| 76:16;78:4;90:22;91:5,15,15; | 29:3 | Unless (3) | Valley (4) |
| 97:21 | Troutdale (1) | 42:6;47:24;68:1 | 43:14;44:4;78:22,23 |
| town (2) | 81:11 | unpunished (1) | valleys (1) |
| 73:4;87:19 | truck (1) | 73:20 | 70:21 |
| tractor (4) | 59:10 | unsubstantiated (1) | value (3) |
| 37:9;38:21;55:1;59:9 | trucks (1) | 20:5 | 59:16;74:20;79:4 |
| traffic (3) | 84:21 | unsure (2) | values (3) |
| 50:25;51:1,5 | true (1) | 15:19,20 | 59:15;79:4,10 |
| Trail (1) | 36:13 | untouched (1) | variation (1) |
| 78:5 | trust (2) | 25:16 | 15:8 |
| trailer (1) | 85:17;86:1 | up (72) | various (2) |
| $79: 7$ | $\boldsymbol{t r y ~ ( 1 )}$ | $3: 10,10 ; 4: 25 ; 6: 12 ; 9: 18$ | 31:21;68:6 |
| trained (1) | 5:7 | 12:20;14:16;17:17;20:8;21:21, | vast (1) |
| 61:10 | trying (8) | 25;22:4,13;24:2,5;30:22;34:24; | 5:18 |
| Training (1) | 38:21;42:22;44:13;73:21; | 37:12,15;40:2,24;41:7,8;42:11; | vehicles (3) |
| 10:17 | 83:10;95:7,11;96:19 | 46:1,4,16,17,24;48:14,16;51:3; | 51:6,13,13 |
| transcripts (2) | tsunami (2) | 53:12;54:7,13;55:8,14;56:3,6, | via (1) |
| 8:17;22:18 | 72:11;80:6 | 20;57:12;58:3,13;59:9;60:12; | 7:25 |
| transition (1) | turn (2) | 61:17,24;64:18;69:5;70:9; | Vice (11) |
| 80:8 | 48:19;95:15 | $72: 21 ; 79: 5,14 ; 80: 7 ; 83: 2,5$ | $2: 3 ; 92: 2 ; 95: 24 ; 100: 22$ |
| transmission (52) | turned (1) | 84:22;85:5;86:18;87:3;89:19; | $101: 6,11,22 ; 102: 4,12 ; 103: 2,4$ |
| 3:6,25;4:8,14;5:2,4;6:6,16, | $5: 23$ | 90:5,10,20,20,25;91:13;94:11; | vicinity (1) |
| 25;11:25;12:1,1;15:17;21:7; | turns (1) | 96:5,5;101:25;103:12 | $14: 25$ |
| 25:1,5,14;26:4;28:25;30:4,9, | 28:4 | update (2) | view (8) |
| 18;31:18,19;32:10,12,14,21; | turtles (1) | 18:6;93:8 | 10:5;37:9,10,11;74:10,19; |
| 33:3,19,21;34:16;42:19;43:11; | 43:17 | updated (1) | $79: 7,8$ |
| 45:17;48:10;49:11,15,17;50:5; | twice (1) | $93: 23$ | views (1) |
| 58:23;68:14;70:18;71:21;78:4; | $29: 13$ | upgrading (1) | $38: 8$ |
| $79: 15 ; 81: 15,20,21 ; 82: 16$ $84: 18 ; 86: 5$ | two (21) $18: 4 ; 24: 21 ; 38: 16 ; 41: 22,24$ | $81: 25$ upon (1) | viewshed (5) |
| 84:18;86:5 | 18:4;24:21;38:16;41:22,24; | upon (1) | 74:2,11,21;75:12;78:17 |


| Viewsheds (3) | 54:24 | wide (3) | 8:1;65:4;81:17 |
| :---: | :---: | :---: | :---: |
| 74:20,20;78:16 | way (27) | 36:7;79:2;91:7 | words (3) |
| vision (1) | 3:11;37:4;38:19;40:13; | widespread (1) | 18:4;26:5;39:18 |
| 74:19 | 41:17;47:25;48:13,16;55:4; | 27:20 | work (27) |
| vista (1) | 61:8;70:1;71:6,20;73:13,13; | wielding (2) | 25:20;34:10;37:11;41:15; |
| 78:20 | 75:11;78:25;79:6;82:6;86:5; | 37:1;82:18 | 43:25;45:1,2,7;50:12;55:4,9; |
| vistas (1) | 87:23;91:13,20;95:3;96:14; | wife (2) | 57:8,9;66:7,9;74:23;75:1; |
| 78:23 | 97:2;103:21 | 35:5;55:3 | 84:10;95:3;96:20;97:16,16,19; |
| visual (1) | ways (6) | wild (1) | 99:5,10,16;100:1 |
| 48:16 | 25:16;30:16;50:7;70:3; | 55:2 | workable (1) |
| voice (1) | 71:11;85:6 | wildland (1) | 85:19 |
| 54:24 | Weapons (1) | 50:22 | worked (4) |
| voltage (1) | 10:17 | wildlife (6) | 31:10;58:21;66:6,7 |
| 70:20 | Weather (9) | 12:11,24;43:18;48:11;49:21, | Workers (3) |
| volts (1) | 27:12,14,21,25;29:13;51:25; | 23 | 31:14,15;34:11 |
| 88:14 | 52:1,2;80:11 | Willamette (2) | workforce (1) |
| volunteer (1) | Webster (36) | 43:14;44:4 | 34:21 |
| 50:4 | 2:8;3:14,18;4:11,16;5:11; | willing (4) | working (12) |
| vote (4) | 20:18;21:3;24:18;30:20,25; | 62:14,24;94:15;103:5 | 59:3,5;72:9,22;74:17,22,25; |
| 3:23;63:20;95:2;104:7 | 31:3;34:23;37:15;40:23;42:7, | wind (7) | 83:9;96:17,20;97:20;99:21 |
| voted (1) | 10;53:8,10,17,19;60:7;63:22; | 26:19;28:23;43:6;46:8;69:6, | works (1) |
| 94:9 | 64:9;86:16,24;87:6,10;91:22; | 14;82:17 | 38:16 |
| voting (2) | 95:21;98:2,11;100:15;102:2; | windmills (1) | workshops (1) |
| 4:5,9 | 103:17;104:9 | 36:12 | 68:14 |
| vulnerable (1) | weed (1) | windows (2) | world (2) |
| 44:23 | 45:3 | 74:23;84:14 | 82:11,13 |
| W | weeds (6) 16:4;76:19,24;77:1,3,5 | winds (1) | $\begin{gathered} \text { worth (1) } \\ 79: 9 \end{gathered}$ |
|  | week (4) | windstorms (1) | Wow (1) |
| WAGS (2) | 71:5;92:10,23,23 | 46:8 | 76:12 |
| 12:19,21 | weekday (1) | windy (1) | write (2) |
| waist (1) | 102:11 | 28:22 | 75:6,8 |
| 56:25 | weeks (2) | Winters (3) | writing (5) |
| wait (1) | 16:24;83:4 | 102:22,23;103:14 | 18:10;23:15;53:20;77:25; |
| 103:22 | weren't (2) | wipe (1) | 86:14 |
| waited (1) | 44:2;65:2 | 38:17 | written (14) |
| 58:9 | west (12) | wire (2) | $7: 22 ; 8: 10 ; 18: 13 ; 20: 8 ; 21: 6$ |
| waiting (2) | 10:19,25;11:2,3,5;32:8,22; | 88:19;89:4 | $22: 21 ; 23: 3 ; 34: 18 ; 48: 20 ; 65: 21 ;$ |
| 58:7;63:12 | 33:14;36:16;92:6;96:13,23 | wireless (4) | 100:23;101:25;103:25;104:21 |
| walkers (1) | western (1) | 81:12,13,18,18 | wrong (5) |
| 51:10 | 43:17 | wires (1) | 19:15,16;39:18;68:19;69:15 |
| wall (1) | wetlands (8) | 88:19 | wrote (1) |
| 61:18 | 46:10,11,14,14,16,17,20,21 | wiring (1) | 55:6 |
| Walmart (1) | whatnot (1) | 88:15 |  |
| $42: 21$ | $76: 11$ | wish (3) | Y |
| wants (6) | What's (6) | 21:5;55:6;86:14 |  |
| 25:4;42:6;64:6;67:15;87:3; | 16:13;36:9;47:24;61:15; | wishes (1) | year (15) |
| 103:8 | 67:11;68:10 | 21:15 | 15:20;28:3;29:11;38:20; |
| warning (1) | wheat (3) | within (16) | 44:6;48:4;53:20;57:14;58:7,9; |
| 27:19 | 24:12;35:4;57:21 | 5:4;6:6;11:1,19;12:2,8;14:5, | 68:13,13;71:17,17;77:15 |
| warnings (4) | whenever (1) | 25;15:17;16:25;23:14;33:13; | years (28) |
| 27:13,16,18;29:11 | 71:18 | 34:8;45:17;46:12;69:16 | 26:23,23;28:18;29:20;32:1; |
| Washington (11) | whereas (1) | without (4) | 33:1;35:12;39:1;40:15,16; |
| $12: 11,19,22 ; 31: 12,16 ; 33: 14$ | $82: 12$ | 19:25;69:18;74:10;85:7 | $54: 10,10 ; 57: 8 ; 58: 16,22 ; 59: 24$ |
| 77:6,8,10;81:11;89:21 | wherever (1) | Women (1) | $60: 20 ; 61: 13,18 ; 63: 13 ; 66: 5$ |
| watched (1) | 34:10 | 61:8 | 81:2;87:16;88:12;89:11;90:1; |
| 54:2 | white (2) | wonder (2) | 93:8,19 |
| watching (1) | 10:20;52:22 | 43:21;50:14 | yell (1) |
| 60:20 | whole (7) | wondering (1) | 5:7 |
| water (8) | 45:18;49:25;73:5;89:19; | 42:1 | yell-talk (1) |
| 26:16,18;46:3,6,7;47:1;62:7; | 93:6;95:8;96:25 | wood (2) | 5:8 |
| 89:22 | who's (3) | 90:24;91:11 | yes/no (1) |
| wavery (1) | 17:8;58:21;60:21 | word (3) | 52:21 |


| yield (2) | 2001 (1) |  | 5-hour (2) |
| :---: | :---: | :---: | :---: |
| 28:19;29:24 | 4:1 | 3 | 52:11,14 |
| Z | 4:2 | 3 (3) | 6 |
| zero (5) | $2008(1)$ <br> $66: 13$ <br> $2009(1)$ | $\begin{aligned} & 46: 20 ; 47: 2 ; 92: 18 \\ & \mathbf{3 0 ( 2 1 )} \end{aligned}$ | 6 (9) |
| 48:7,7,12;61:19,20 | 2009 (1) | 80:6;28:23;48:23,24;64:25; | 26:23;37:21;46:19;50:9,13; |
| zoomed-in (1) | 66:14 | 65:10;81:2;83:15;88:14;94:19; | 66:5;84:19,19;91:7 |
| 10:12 | 2012 (1) | $100: 20,22 ; 101: 1,5,7,12,14,21,$ | 6:40 (1) |
| 1 | $36: 11$ 2017 (5) | 24;102:4;103:8 300 (1) | $64: 7$ $\mathbf{6 : 4 4}$ (1) |
|  | 6:22;7:7;93:10,11,16 | $300(1)$ $63: 5$ | 6.44 $64: 9$ |
| 1 (6) | 2018 (1) | 300-mile (1) | 600 (1) |
| 11:4;12:23;46:19;97:2,4,12 | 93:12 | $51: 23$ | 91:7 |
| 1/2 (2) | 2019 (10) | 306 (2) | 60366 (1) |
| 66:5;92:18 | 3:2;4:21;8:8;21:10,14;23:18; | 58:17,18 | 64:20 |
| 10 (6) | 93:20;98:5;104:17,21 | 306-mile (1) | 670 (1) |
| 26:23;29:20;39:1;52:1; | 2020 (2) | 580:23 | 76:18 |
| 84:23;104:12 | 94:2;100:14 | 30-day (1) | 68453 (1) |
| 106 (2) | 2021 (1) | 94:9 | $24: 8$ |
| 15:22;16:18 | 99:25 | 30s (1) | $68477 \text { (1) }$ |
| 11 (2) | 2022 (1) | 89:16 | 87:14 |
| 48:23,24 | 100:1 | 31 (1) |  |
| 12 (3) | 2026 (1) | 45:3 | 7 |
| 69:18,18;81:20 | 68:22 | 345-015-02205a (1) |  |
| 120 (1) | 207 (2) | 22:25 | 7-(1) |
| 51:12 | 35:2;37:19 | 345s (1) | 29:24 |
| 125 (4) | 20-acre (1) | 85:5 | 7:51 (2) |
| 31:14,14;32:1;85:11 | 17:3 | 350 (3) | 104:16,24 |
| 130 (2) | 20s (1) | 69:2,19;70:5 | 70516 (1) |
| 51:6,13 | 28:23 | $351(2)$ | 35:1 |
| 15 (3) | 21 (2) | 68:23;69:2 | 71384-A (1) |
| 63:13;64:3;92:16 | 88:5;92:6 | $360 \text { (1) }$ | $37: 18$ |
| 16 (1) | 22 (6) | $48: 24$ | $72967 \text { (1) }$ |
| 57:25 | 8:8;21:10,14;23:6,17;52:2 | 3600 (1) | 41:1 |
| 17200 (1) | 22nd (10) | 31:16 | 74 (1) |
| 31:7 | 9:2;18:10;94:20,23;100:21, | 38 (1) | 73:3 |
| 18 (1) | 24;101:18;102:1;103:19; | 90:1 | 785 (1) |
| 71:17 | 104:21 |  | 13:1 |
| 1885 (1) | 23 (1) | 4 | 8 |
| 1891 (1) | 230 (2) | 4 (5) |  |
| 31:24 | 85:3,10 | $50: 9,13 ; 84: 18,19 ; 91: 12$ |  |
| 1898 (1) | 2310 (1) | $4: 30(1)$ | 55:12;68:12,13;83:22 |
| 87:17 | 42:13 | 3:2 | 83702 (1) |
| 19,000 (1) | 23rd (5) | $4: 33(1)$ | $92: 7$ |
| 92:20 | 8:3;21:12;102:9,9;103:19 | $4: 22$ | $85(1)$ |
| $1930 \text { (1) }$ | $24 \text { (1) }$ | $400 \text { (1) }$ | $87: 16$ |
| $89: 16$ | 69:17 | $76: 19$ | $87 \text { (1) }$ |
| $\begin{gathered} \text { 1980s (1) } \\ 36 \cdot 15 \end{gathered}$ | $\begin{gathered} \mathbf{2 4 5}(\mathbf{1}) \\ 84: 20 \end{gathered}$ | $45 \text { (1) }$ | $\begin{gathered} \text { 66:17 } \\ \text { 8-vear (1) } \end{gathered}$ |
| $\begin{gathered} \text { 36:15 } \\ \text { 1-to-30 (1) } \end{gathered}$ | $84: 20$ 24-hour (1) | $86: 22$ | $\begin{array}{\|c} \text { 8-year (1) } \\ 29: 24 \end{array}$ |
| 1-to-30(1) $48: 16$ | 24-hour $52: 17$ | 480 (1) | 29:24 |
| 2 | 25 (4) <br> 40:15,16:84•19•88•20 | 4-mile (1) | 9 |
|  | 250 (2) | 35:7 | 90s (1) |
| 2 (11) | 36:7;45:17 | 5 | 55:8 |
| 11:8;13:2;16:24;41:10; | 27 (3) |  | 97230 (1) |
| 58:22;83:4;91:4,5;93:8,19;97:6 | 3:2;53:20;104:17 | 5 (7) | 31:8 |
| $20(3)$ | 27633 (1) | $8: 8 ; 21: 14 ; 87: 16 ; 94: 23$ | $978 \text { (1) }$ |
| $35: 14 ; 51: 25 ; 81: 20$ | $53: 24$ | $102: 1,9 ; 104: 22$ | $83: 23$ |
| 200 (1) | 27th (1) | $500 \text { (1) }$ | $97826(2)$ |
| 43:22 | 4:21 | $85: 11$ | $37: 19 ; 53: 24$ |

