

**Docket Nos. UE-200900, UG-200901, and UE-200894  
(Consolidated) - Vol. IV**

**WUTC v. Avista Corporation d/b/a Avista Utilities**

**July 9, 2021**



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BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION, )
Complainant, )
Nos. UE-200900
v. ) UG-200901
) UE-200894
AVISTA CORPORATION, d/b/a )
AVISTA UTILITIES, )
Respondent. )

EVIDENTIARY HEARING, VOLUME IV
Pages 248 - 393
ADMINISTRATIVE LAW JUDGE ANDREW J. O'CONNELL

Taken Remotely Via Teams Videoconference

DATE: Friday, July 9, 2021
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1 MS. SUETAKE: Thank you, Your Honor.

2 This is Nina Suetake, Assistant Attorney General for

3 Public Counsel.

4 JUDGE O'CONNELL: And for the Alliance of

5 Western Energy Consumers.

6 MS. MILINOVICH: Good morning, Your

7 Honor. Corinne Milinovich, on behalf of the Alliance

8 of Western Energy Consumers.

9 JUDGE O'CONNELL: And for Inland Empire

10 Paper.

11 MR. PEPPLER: Good morning. This is Tyler

12 Pepple, for Inland Empire Paper Company.

13 JUDGE O'CONNELL: And for The Energy

14 Project.

15 MR. FITCH: Good morning, Judge

16 O'Connell. Simon Fitch, representing The Energy

17 Project.

18 JUDGE O'CONNELL: Thank you.

19 And for Sierra Club.

20 MS. YARNALL LOARIE: Good morning. This

21 is Jessica Yarnall Loarie, for Sierra Club.

22 JUDGE O'CONNELL: Okay. Thank you all.

23 Good morning.

24 Before we came on the record I discussed

25 a number of clarifying questions with the parties

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1 FRIDAY, JULY 9, 2021

2 9:36 A.M.

3 --o0o--

4 P R O C E E D I N G S

5

6 JUDGE O'CONNELL: Let's be on the record.

7 Good morning. Today is July 9th, 2021.

8 The time is approximately 9:36 a.m. We're here today

9 for the second day of the Avista 2020 general rate

10 case, Dockets UE-200900, UG-200901, and UE-200894.

11 Let's go ahead and take short appearances

12 from the parties, make sure everyone's here for the

13 record.

14 And I'll start with Avista.

15 MR. MEYER: Thank you, Your Honor. David

16 Meyer, for Avista.

17 JUDGE O'CONNELL: And for staff.

18 MS. CAMERON-RULKOWSKI: Sorry. I had to

19 unmute. For staff, Jennifer Cameron-Rulkowski,

20 Assistant Attorney General, and with me again today

21 are Assistant Attorneys General Jeff Roberson, Nash

22 Callaghan, Harry Fukano, Joe Dallas, and Daniel

23 Teimouri.

24 JUDGE O'CONNELL: Thank you.

25 And for Public Counsel.

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1 regarding the bench requests that the Commission

2 issued in a notice yesterday. And regarding those

3 bench requests, I want to adjust the deadline for

4 Bench Request No. 9 for Avista. That bench request

5 pertained to AMI meters and non-AMI meters for gas

6 only, electric only, and combined electric and natural

7 gas customers.

8 I'm going to modify that due date to

9 July 16 at 5:00 p.m. So to be filed no later than

10 July 16 at 5:00 p.m., instead of -- the original

11 request was for no later than July 14th at 5:00 p.m.

12 MR. MEYER: Thank you.

13 JUDGE O'CONNELL: You're welcome.

14 Second, regarding Bench Request No. 4,

15 Public Counsel had requested clarification on what the

16 Commission was seeking as far as the updates that were

17 necessary to testimony, exhibits, and any revenue

18 requirement models as it might come from the hearing

19 today, any updates to those.

20 The Commission is seeking the updated

21 revenue requirement models. It is not necessary to go

22 back and update Ms. Crane's testimony, in particular

23 ACC-1T, with those numbers. We are just interested in

24 having the most updated revenue requirement models and

25 any exhibit that is that revenue requirement model.

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<p>1 And, Ms. Suetake, is the -- I assume that 2 the due date for that being -- is still reasonable; is 3 that correct? 4 MS. SUETAKE: Yes, Your Honor. It was 5 Friday the 16th, I believe. That would still be fine 6 for us. Thank you. 7 JUDGE O'CONNELL: Okay. Very good. 8 Today we're going to resume the 9 Commissioners' questions for Avista witnesses. We're 10 going to start with Howell and then we will have 11 Kensok. 12 Before we get to that, I wanted to 13 discuss with the parties, in particular Public Counsel 14 and staff, the cross exhibits that are intended for 15 staff witness Jordan, and on the record yesterday I -- 16 or Wednesday, not yesterday, I mentioned that I would 17 rule on those exhibits as they were presented and move 18 for admission during witness Jordan's testimony. 19 I am still going to rule on them during 20 witness Jordan's testimony, but I wanted to address 21 them and have a discussion here before we started 22 bench questions for Avista's witnesses. 23 And I have some clarifying questions for 24 the identification and naming of three of the 25 documents in particular, Ms. Suetake, the -- what's</p>	<p>1 MS. SUETAKE: Correct. Sorry. Yes, 2 Exhibit 12X, Chapter 11. 3 I do not know right off the top of my 4 head which docket this was filed under. We can find 5 out for you during the break, and I can get back to 6 you on that. 7 JUDGE O'CONNELL: Okay. I think that 8 will be important to know when we get to it. 9 Now, to address, I guess, the remaining 10 three cross exhibits, 11X, 12X, 15X, I want to be 11 forthright with the parties so that no one is 12 surprised, and I want to clearly explain how I'm 13 looking at these cross exhibits. 14 I look at 11X and 15X in particular, and 15 I look at the substance or the topic of those 16 exhibits, as well as 12X, and I see that there is 17 relevance for that topic to the disagreement between 18 staff and Public Counsel in this case regarding the 19 inputs and the data that are used by Avista in this 20 cost-of-service study. However, as you are all 21 familiar with, all relevant evidence is admissible in 22 our proceedings, but that doesn't mean that that 23 evidence should be admitted to the record, and the 24 foundation of the exhibits will need to be shown, and 25 in particular I need to know that these exhibits are</p>
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<p>1 been labeled or identified as 12X, 13X, and 14X. 2 These are indicated as being from Avista's IRP, 3 integrated resource plan. It's indicated as being 4 Chapters 11 and Chapter 9, and then Appendix H. 5 I want to clarify because the numbering 6 is for the year 2020, and I'm curious to clarify, are 7 these documents that were filed in Docket UE-180738, 8 being the 2019 progress report? Which the Commission 9 is familiar with those being entitled on themselves as 10 a 2020 IRP, but they are filed in this docket 11 UE-180738, as opposed to what I think we are referring 12 to as the 2021 Avista IRP, that has been filed in a 13 2020 docket, UE-200301. 14 Can you, Ms. Suetake, now clarify for me 15 where those proposed cross exhibits are coming from? 16 MS. SUETAKE: Your Honor, first I wanted 17 to clarify that we are no longer using Exhibits 13X 18 and 14X. 19 JUDGE O'CONNELL: Okay. So you're no 20 longer asking that those -- or you don't plan to ask 21 that those be admitted to the record? 22 MS. SUETAKE: Correct, Your Honor. 23 Regarding Exhibit 11X, I will have to -- 24 JUDGE O'CONNELL: I'm sorry. 12X? 25 Chapter 11?</p>	<p>1 what Public Counsel says they are, that the 2 information that's contained in the documents are 3 correct and that the Commission can trust what it is, 4 that these documents are trustworthy. 5 Now, my concern there is less for the IRP 6 Chapter 11 because whether it's one that's been filed 7 in Docket UE-180738 or UE-200301, that is something 8 that the Commission has seen and is familiar with. 9 Excuse me one moment. 10 If you're listening on the phone or on 11 Teams, please mute your microphone unless you're 12 talking, and I expect that the only people who should 13 be talking during this hearing are myself, the 14 Commissioners, the attorneys representing the parties, 15 and any witnesses that have been identified. 16 So as I was saying, Exhibit 12X 17 Chapter 11, I have -- my concern as to its 18 trustworthiness and the foundation for that is less 19 significant than it is for the others, because the 20 others come from -- or are identified as data requests 21 and responses between Public Counsel and Avista. 22 These are things that the Commission has not seen, is 23 not aware of in any other docket. So that I see is 24 where the foundation is lacking. 25 And, of course, Public Counsel, you will</p>

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<p>1 have the chance to provide that foundation. I wanted                  2 to hear whether it was your intent still to go forward                  3 establishing that foundation through the staff witness                  4 Jordan or whether you had planned something else.                  5 Ms. Suetake.                  6 MS. SUETAKE: Your Honor, are you                  7 concerned about the veracity of the material within                  8 the document or are you concerned with me asking                  9 questions of Ms. Jordan regarding Avista data                  10 requests?                  11 JUDGE O'CONNELL: The former, because the                  12 information provided was provided by Avista to Public                  13 Counsel, and all the evidence that has been already                  14 admitted to the record was stipulated, so the parties                  15 all agree that it is what the parties say it is and                  16 that the Commission can trust it.                  17 What I need to admit any evidence into                  18 the record is that, yes, it's relevant, but it also                  19 can be trusted by the Commissioners in making a                  20 decision in the case.                  21 MS. SUETAKE: Your Honor, regarding                  22 Exhibit 11X, if it helps any, that is actually already                  23 an exhibit with -- that has been filed with                  24 Mr. Watkins' testimony, his response testimony, which                  25 I didn't realize it was already in the record under a</p>	<p>1 Thank you, Your Honor.                  2 Additionally, the cross I intend to do                  3 with the IRP exhibit, based on -- is going to be on                  4 tables which were also included in Mr. Watkins'                  5 testimony. I had decided to use the source material                  6 rather than Mr. Watkins' testimony partly for ease of                  7 referencing; also because Ms. Jordan also agrees that                  8 the material comes from Avista's 2020 IRP.                  9 But if you would prefer, I can just use                  10 Mr. Watkins' testimony, which is copying Avista's IRP.                  11 We've received no objections or rebuttal                  12 testimony on the veracity or lack thereof of those                  13 tables, so I'm not quite sure what would be the best                  14 course of action here.                  15 JUDGE O'CONNELL: Well, let's -- given                  16 that scoping of the cross exhibit and the intention,                  17 let me turn, then, to Ms. Cameron-Rulkowski.                  18 What is staff's perspective on that, and                  19 do you still plan to object to the admission of 12X if                  20 it's for the purposes of showing, yes, Mr. Watkins'                  21 tables do come from that IRP, given that they're                  22 already in the record as part of his testimony?                  23 MS. CAMERON-RULKOWSKI: Your Honor,                  24 Ms. Suetake and I had spoken on Wednesday, and I had                  25 represented that -- after we had spoken about Public</p>
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<p>1 different exhibit number.                  2 JUDGE O'CONNELL: Can you please identify                  3 that for me?                  4 MS. SUETAKE: One moment. I apologize.                  5 MS. CAMERON-RULKOWSKI: Your Honor, I                  6 believe it's GAW-6.                  7 JUDGE O'CONNELL: I have the exhibit list                  8 pulled up in front of me, and that's been identified                  9 and admitted to the record as GAW-6, which is Avista's                  10 response to Public Counsel Data Request No. 279. Is                  11 that the same as what is proposed as Cross                  12 Exhibit 11X?                  13 MS. SUETAKE: Yes, Your Honor, it appears                  14 so.                  15 JUDGE O'CONNELL: Okay.                  16 In that case, I am going to reject 11X as                  17 a duplicate, and I'm attempting to avoid any                  18 duplication within the record, for efficiency sake.                  19 However, because GAW-6 has already been                  20 admitted to the record, it's evidence, and you can                  21 certainly ask staff witness Jordan what they know                  22 about it, if they know about it, and continue your                  23 cross-examination based on that if witness Jordan                  24 knows something and can offer testimony on it.                  25 MS. SUETAKE: Additionally, Your Honor --</p>	<p>1 Counsel's plans, staff doesn't have an objection to                  2 the admission of Exhibit 12X.                  3 JUDGE O'CONNELL: Okay. Then, for the                  4 record, 12X will be admitted.                  5 Okay. Ms. Suetake, would you like to                  6 please address 15X, if there is any clarification you                  7 would like to make now, or should we plan on waiting                  8 to see if the foundation can be established in cross?                  9 MS. SUETAKE: We can wait till cross. I                  10 think that might be -- it might make it more clear in                  11 the course of my cross-examination.                  12 JUDGE O'CONNELL: Okay.                  13 And to make sure, Ms. Cameron-Rulkowski,                  14 staff at this point does still plan to object to 15X,                  15 correct?                  16 MS. CAMERON-RULKOWSKI: That's correct,                  17 Your Honor.                  18 JUDGE O'CONNELL: Okay.                  19 All right.                  20 MS. CAMERON-RULKOWSKI: Our plans are to                  21 wait and see the purpose for which Public Counsel                  22 intends to use it.                  23 JUDGE O'CONNELL: Okay. Very good.                  24 With that, all the housekeeping matters I                  25 wanted to address before we moved on is taken care of.</p>

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<p>1 I'm going to ask the Commissioners to                  2 join us and turn on their cameras, and I would like to                  3 ask that all the attorneys except for Mr. Meyer and                  4 Ms. -- sorry -- and Mr. Meyer turn off their cameras,                  5 and, Mr. Meyer, if you could have your witness Howell                  6 be ready and turn on his video.                  7 MR. MEYER: It's done. Thank you.                  8 JUDGE O'CONNELL: Okay.                  9 As the Commissioners are turning on their                  10 video, Mr. Howell, if you would please, where you are,                  11 raise your right hand. I will swear you in.                  12 (Witness sworn)                  13 JUDGE O'CONNELL: Okay. Thank you.                  14 Mr. Meyer.                  15 MR. MEYER: Thank you.                  16 Mr. Howell, for the record, please state                  17 your name, by whom you're employed, and what your                  18 position is.                  19 THE WITNESS: It's David Howell. I work                  20 for Avista Utilities, and I'm the director of                  21 electrical operations.                  22 MR. MEYER: Thank you.                  23 And with that, Mr. Howell is available                  24 for any questioning.                  25 JUDGE O'CONNELL: Okay. Thank you. I</p>	<p>1 MS. RENDAHL: You have not. Okay.                  2 Well, we'll make sure you get a copy of                  3 that testimony.                  4 Are you aware that Public Counsel, in                  5 their testimony, was concerned that Avista did not                  6 rely on historical ground fire data in its developing                  7 its plan? Just generally, while you're looking for                  8 that.                  9 THE WITNESS: I have not read that                  10 testimony.                  11 MS. RENDAHL: Okay. Well, then, I will                  12 move on.                  13 So were you involved in the stakeholder                  14 workshops developing the wildfire plan?                  15 THE WITNESS: Some of those. We actually                  16 had two different stakeholders. We had some internal                  17 stakeholders, and those workshops we used subject                  18 matter experts internally, but we also had some                  19 stakeholders -- we didn't refer to them as                  20 stakeholders, but peer utility workshops, and I was                  21 involved in those.                  22 MS. RENDAHL: Okay.                  23 Somebody is fumbling with their                  24 microphone.                  25 Mr. Cook, can you hear what we're saying?</p>
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<p>1 will turn it over to the Commissioners for their                  2 questions.                  3 MS. RENDAHL: Thank you, Mr. Howell.                  4 This is Commissioner Rendahl. Good                  5 morning. How are you?                  6 THE WITNESS: Good morning.                  7 MS. RENDAHL: So there are a few                  8 questions related to the wildfire plan. In                  9 particular, do you have your initial testimony before                  10 you?                  11 THE WITNESS: I do.                  12 MS. RENDAHL: Which is -- I'm sorry.                  13 Yes, your initial testimony.                  14 And also, do you have Public Counsel's                  15 testimony? Mr. Stephens -- the PA/DS-1T. Do you have                  16 that in front of you as well?                  17 THE WITNESS: I do not. I see them                  18 looking for it.                  19 MS. RENDAHL: Okay. All right. Well,                  20 we'll just pause just a minute.                  21 Have you read that testimony?                  22 THE WITNESS: My original testimony or                  23 the Public Counsel?                  24 MS. RENDAHL: Public Counsel.                  25 THE WITNESS: I have not.</p>	<p>1 THE REPORTER: Yes, I can, but the                  2 witness is coming in a bit faintly.                  3 THE WITNESS: Is that better?                  4 THE REPORTER: Yes. Thank you.                  5 MS. RENDAHL: If you can hold the                  6 microphone closer when you're speaking, that would be                  7 great. Thank you.                  8 Can you explain why Avista's proposed                  9 plan differs from some of the stakeholder                  10 recommendations made during those meetings and                  11 workshops?                  12 THE WITNESS: Are you referring to the                  13 internal stakeholder or to the -- our Pacific                  14 Northwest peer utility stakeholder group?                  15 MS. RENDAHL: I guess I'm referring to                  16 both. If there's any differences between those, why                  17 were those different than what's in the plan?                  18 THE WITNESS: Yeah. And -- so maybe the                  19 way I'd frame this is that we created a wildfire plan                  20 that is relevant to our service territory, and I                  21 wanted -- if I can, I'll explain a little bit what I                  22 mean by that.                  23 Utilities operate in different -- with                  24 different geographic considerations. A simple one is,                  25 you know, Idaho Power, when we had our meeting, they</p>

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1 were one of those stakeholders. They have lots of  
2 prairie land. That risk and mitigation of that risk  
3 is different than like an Avista, that operates with  
4 fair -- we have quite a bit of forested areas, where  
5 we have high-consequence areas in those forested  
6 areas.  
7 You would implement a different  
8 mitigative action based on those geographic operating  
9 considerations, and have potentially different -- I  
10 mean, they're just different spins, different  
11 solutions.  
12 Examples of that is that for us, we use  
13 grid hardening as a solution. That is a good solution  
14 in forested areas.  
15 Idaho Power, if you do -- down there,  
16 wrapping wooden poles, that helps in prairie land  
17 situations because it mitigates -- you know, when  
18 grasslands burn, they burn at the bottom, so you  
19 protect your infrastructure that way. When fires burn  
20 in our area, they burn in the tops of trees, and so  
21 you have to -- by wrapping a wood pole, it doesn't  
22 protect it.  
23 So that's just a simple example.  
24 But we have mitigative actions that are  
25 relevant to our service territory, and -- so we have

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1 created a risk-based plan, and our goal was to -- I'm  
2 going to go back a little bit trying to answer your  
3 first part of this. We did not use fire events, we  
4 used spark ignition sources as our rationale for how  
5 we would come up with mitigative actions. And there's  
6 a lot of different potential spark ignition --  
7 You're on mute.  
8 MS. RENDAHL: Mr. Howell, if you'll wait.  
9 I do have some questions specifically about historical  
10 data that we can go into.  
11 THE WITNESS: Okay.  
12 MS. RENDAHL: So if you're finished about  
13 the differences between the stakeholder and internal  
14 workgroups and what's in the plan, then I can move on  
15 to those questions specifically.  
16 THE WITNESS: Okay.  
17 And just to clarify, the internal  
18 stakeholder groups did develop a number of  
19 recommendations, and then we implemented the top tiers  
20 of those recommendations, just to differentiate how we  
21 use those two different groups.  
22 MS. RENDAHL: Thank you. That's very  
23 helpful.  
24 THE WITNESS: Okay.  
25 MS. RENDAHL: So going to your testimony

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1 now, if you would --  
2 Let's see. In your testimony, you talked  
3 about how you defined the -- at DRH-1T, at Page 9  
4 through 11, you discuss wildfire risk as it relates to  
5 the distribution and transmission infrastructure,  
6 using your historical outage data. Do you see that?  
7 THE WITNESS: I do, and I'm familiar with  
8 that.  
9 MS. RENDAHL: Okay.  
10 So can you explain, then, how the company  
11 did use the historical data in the planning? And  
12 maybe what historical data might be missing or what  
13 assumptions the company used to make up for any lack  
14 of historical data.  
15 THE WITNESS: So the historical data we  
16 have is related to either fault events or outage  
17 events, but -- and this is building a little bit on  
18 your original question, which was fire related. One  
19 of the things that we've identified is that we need to  
20 understand fire-related events with each of our spark  
21 events or fault events.  
22 So we use fault events and outage events  
23 to be an indicator of where the risk exists in our  
24 system. We know, on the transmission system, that a  
25 fault event during fire season is a concern, and it's

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1 something that we should try to minimize and also  
2 follow up on. And we have elements of mitigation  
3 related to that.  
4 On the distribution side, we do know pole  
5 fires -- that's actually one of those records that  
6 we've historically kept in our outage management  
7 system -- but we don't know of all fires. We just  
8 know of outages. So there's a bit of a correlation  
9 that we're trying to make as we develop mitigative  
10 actions.  
11 But going forward, we are creating  
12 methods of tracking fire ignition associated with  
13 outages on our system.  
14 Does that make sense? The pieces that I  
15 had and that I didn't have as we developed the plan?  
16 MS. RENDAHL: Yes, it does.  
17 So just to follow up, you said you hadn't  
18 read Public Counsel's testimony about the wildfires --  
19 THE WITNESS: I have it with me now. I  
20 can reference it.  
21 MS. RENDAHL: Well, and so in your  
22 rebuttal testimony, DRH-8T, you do respond to the  
23 comments that Public Counsel's witnesses make about  
24 the wildfire resiliency plan, so I just want to  
25 clarify. Did you, in fact, read Public Counsel's

<p style="text-align: right;">Page 272</p> <p>1 testimony in preparing your rebuttal testimony?                  2 THE WITNESS: I do have the questions                  3 that were posed, and provided responses to those.                  4 MS. RENDAHL: So in order to respond to                  5 Public Counsel's claims in their response testimony,                  6 so, for example, if we're looking at Page 4 of your                  7 rebuttal testimony, which is DRH-8T.                  8 THE WITNESS: I am there.                  9 MS. RENDAHL: At the bottom, on Line 21,                  10 and going on to the next page, it says,                  11 "Misters Alvarez and Stephens, on behalf of Public                  12 Counsel, argue," et cetera, et cetera, and it                  13 references Public Counsel's testimony, and then you                  14 have a response. So I just want to clarify. In                  15 preparing this testimony, did you review Public                  16 Counsel's testimony?                  17 THE WITNESS: I worked with other people                  18 within the wildfire group and did understand the                  19 context of the responses that we need to provide, and                  20 then we discussed our responses to those and provided                  21 those in writing.                  22 MS. RENDAHL: So is this your testimony                  23 or is this somebody else's testimony?                  24 THE WITNESS: This is my testimony.                  25 MS. RENDAHL: Okay.</p>	<p style="text-align: right;">Page 274</p> <p>1 response, where we'll actually send resources to those                  2 fault locations, because we know there's a potential                  3 for a fire.                  4 I don't know that I would state it so                  5 strongly on the distribution side with the outage                  6 events routinely on the distribution system that are                  7 not associated with fire events. Typically those are                  8 associated with pole fires, contacts, those other                  9 grid-hardening mitigative actions that we've taken.                  10 MS. RENDAHL: Okay.                  11 So can you complain currently how Avista                  12 investigates and tracks ground fires related to                  13 equipment outages, maybe on the distribution system?                  14 THE WITNESS: Yes. So we have -- and                  15 this is -- I indicated we haven't done it in the past,                  16 but today what we're doing is we -- it's typically                  17 our -- we call servicemen but it's trouble men, is                  18 commonly the term, or local reps. Those are typically                  19 our first responders to events. If a fire is noted                  20 related to any type of an outage event, we then have                  21 an escalation policy where that information is                  22 communicated and documented.                  23 Our goal moving forward is to -- for                  24 outage events or fault events, to track fires related                  25 to those.</p>
<p style="text-align: right;">Page 273</p> <p>1 THE WITNESS: I mean -- yes. I mean,                  2 this is -- yeah, this is my testimony related to                  3 wildfire.                  4 MS. RENDAHL: Okay. Thank you.                  5 So can you explain, then, why outage data                  6 is an appropriate figure to use, as opposed to outage                  7 events that might spark fires?                  8 THE WITNESS: Yes. I would -- I want to                  9 frame that a little bit. Outage data is, I think, a                  10 better measure on our transmission system than it is                  11 on the distribution system. On the transmission                  12 system, we have very few faults. We have not                  13 historically tracked fire events associated with a                  14 fault. That's something that we'll do moving forward.                  15 But there's a lot of energy when you have                  16 a transmission fault, and there is the potential for a                  17 fire that's associated with those. You can have a                  18 tree that contacts a line that creates a fault during                  19 the winter, and that's probably not going to be a fire                  20 event. But we do see fire -- we do have the potential                  21 for a fault event during a summer condition, and it                  22 can be -- doesn't have to be windy, it can just be a                  23 hot dry day during the summer.                  24 And we've actually added an element to                  25 our wildfire plan which we refer to as expedited</p>	<p style="text-align: right;">Page 275</p> <p>1 MS. RENDAHL: Okay. Thank you.                  2 I'll hold now and see if my colleagues                  3 have some questions. I can keep going, but if you                  4 have questions, please go ahead.                  5 Okay. I will keep going.                  6 So in your initial testimony, Mr. Howell,                  7 and that's Exhibit DRH-1T, at Page 8 --                  8 And I'll pause till you find that page.                  9 THE WITNESS: I'm there.                  10 MS. RENDAHL: Okay.                  11 So do you see Lines 7 through 15, where                  12 you discuss a risk calculation, where impact is                  13 defined as the sum of direct financial cost, customer                  14 and safety? Do you see that?                  15 THE WITNESS: I do.                  16 MS. RENDAHL: Okay.                  17 So when you refer to impact, does that                  18 include the long-term community costs related to a                  19 devastating wildfire event? For example, the costs of                  20 rebuilding a community, health outcomes related to the                  21 wildfire smoke, the economic loss as a community its                  22 inhabitants might face, and the total costs of making                  23 the community whole post event, or is it just focused                  24 on the company's impact?                  25 THE WITNESS: It did not include the --</p>



<p style="text-align: right;">Page 276</p> <p>1 I'm going to generalize your more of a community 2 impact. There are more direct costs that we would 3 see, but direct costs could be fighting fire, its 4 replacement assets, but not the -- you had a number of 5 categories there, but in general not including those 6 categories. 7 MS. RENDAHL: Okay. 8 THE WITNESS: Okay. 9 MS. RENDAHL: Thank you. 10 So going on on Page 9 of this exhibit. 11 THE WITNESS: I do want to -- if I can go 12 back and just respond a little bit. I mean, we do 13 include -- I mean, the reason we're doing our wildfire 14 plan is the risk to our communities, and public safety 15 is an element of that consideration. So we're trying 16 to minimize our spark event. 17 So there is an element of community, but 18 in the way that you characterized them, not -- we 19 generally didn't look at it that way. It was the 20 safety impacts to loss of life and structures within a 21 community. 22 MS. RENDAHL: Okay. Thank you. 23 THE WITNESS: Yeah. 24 MS. RENDAHL: So if you move on to Page 9 25 of your initial testimony. And let me know when</p>	<p style="text-align: right;">Page 278</p> <p>1 liability if we did not do this work. 2 The risk equation that we used was the 3 probability times the impact or consequences, and 4 probability, we used historical information to define 5 that. That's fairly easy for us to at least start 6 with. 7 The impact side is much more challenging, 8 so we took an approach to do a relative risk cost. So 9 what we did is we said, What is our inherent risk? 10 This is don't do anything, and mitigated risk. 11 And there is also some information within 12 the risk analysis section of this that talks about the 13 overall risk reduction that we will see because of 14 that. We also know practically that if we take these 15 mitigative actions, we will reduce the potential for 16 spark ignition events, which is what can lead to 17 wildfire. 18 But that -- if I'm answering your 19 question correctly, that eight billion is a risk -- I 20 can't guarantee it because it's based on probability. 21 MS. RENDAHL: So it's a risk, not a 22 liability number? Yes or no? 23 THE WITNESS: That is -- that is my 24 understanding, it's a risk calculation. 25 MS. RENDAHL: Okay. Great.</p>
<p style="text-align: right;">Page 277</p> <p>1 you're there. 2 THE WITNESS: I'm there. 3 MS. RENDAHL: On Lines 1 through 3. 4 You indicate that Avista's accumulated 5 10-year risk of wildfires is at least \$8 billion. Do 6 you see that? 7 THE WITNESS: I do. 8 MS. RENDAHL: So are you testifying there 9 that without doing anything to mitigate or plan for 10 wildfire as outlined in Avista's plan, that the 11 company would face at least \$8 billion in liability? 12 THE WITNESS: No, because there's 13 probability that's associated with that. 14 So if I can, I'll speak a little bit to 15 risk and the way that we looked at that. 16 MS. RENDAHL: I guess maybe you can 17 clarify in response to the question. When you 18 indicate that without doing anything or without 19 planning for the wildfire, you're facing \$8 billion in 20 liability, so what reports and information is this 21 figure based on, and what exactly does that \$8 billion 22 in liability cover? 23 THE WITNESS: So the eight billion that 24 we're referencing is a risk cost, so I can't say 25 definitively that we would have an \$8 billion</p>	<p style="text-align: right;">Page 279</p> <p>1 THE WITNESS: And the second one, you had 2 asked how did we come up with that amount, so we had a 3 couple of different ways that we tried to understand 4 risk and respond appropriately. The first one was 5 external to us. We used a consultant that looked at 6 the single largest event that can happen in our system 7 and they just considered loss of property and assets, 8 and then that was identified in one of our higher-risk 9 areas. 10 This number here that you're referencing 11 was done with our internal stakeholder group that we 12 spoke of earlier, and they had to try to quantify the 13 risk associated with implementing mitigative actions. 14 And so there's really two ways to look at 15 it: an absolute dollar amount, which is a risk dollar, 16 and then a risk reduction. 17 MS. RENDAHL: Okay. 18 THE WITNESS: But it was an internal 19 stakeholder group. 20 MS. RENDAHL: Thank you. 21 And just to clarify, you were just 22 talking about the risk analysis model that CoreLogic 23 provided for you, correct? 24 THE WITNESS: That is correct, yes. 25 MS. RENDAHL: So if you look back at</p>

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<p>1 Page 8 of your initial testimony, which is DRH-1T, and                  2 then at Lines 15 to 21. Do you see that?                  3 THE WITNESS: I do. I'm going to read                  4 them really quick.                  5 MS. RENDAHL: Okay.                  6 THE WITNESS: Yes.                  7 MS. RENDAHL: So just to confirm what you                  8 just said, that that amount -- that risk analysis                  9 model was focused on property loss and doesn't include                  10 loss of life, injury, fire suppression costs, timber                  11 loss, and other economic losses, correct?                  12 THE WITNESS: That is correct. That's on                  13 Line 18 and 19.                  14 MS. RENDAHL: Right.                  15 And so does the \$8 billion figure that                  16 the company included include these costs?                  17 And I apologize for the plane.                  18 THE WITNESS: That's okay.                  19 I'm going to have to look at the -- we                  20 have a risk analysis section, and it would take me a                  21 moment to review it. I want to make sure I answer you                  22 correctly. If I can reference that.                  23 MS. RENDAHL: Sure. Thank you.                  24 THE WITNESS: Your question is does it                  25 include loss of life?</p>	<p>1 see those really on the first line, which was more                  2 related to fire suppression and our assets.                  3 MS. RENDAHL: Thank you. I appreciate                  4 the response.                  5 So I'll pause here and see if my                  6 colleagues have any questions they wish to ask of                  7 Mr. Howell.                  8 Okay. I just have a few more, then, but                  9 interrupt me if you would like to.                  10 So continuing on with your initial                  11 testimony, Mr. Howell, on Pages 11 through 13, can you                  12 turn to that, please. Starting at Page 11.                  13 THE WITNESS: I'm there.                  14 MS. RENDAHL: Okay. Great.                  15 So at that point in your testimony you're                  16 describing the use of Avista's wildland urban                  17 interface map, correct?                  18 THE WITNESS: Yes.                  19 MS. RENDAHL: And you indicate that it                  20 provides a focus on two main metrics, which is fuel                  21 concentration and housing density; is that correct?                  22 THE WITNESS: That is correct.                  23 MS. RENDAHL: So does this map include                  24 measures of community resilience, that might include                  25 socioeconomic factors or a percentage of low-income</p>
Page 281	Page 283
<p>1 MS. RENDAHL: My question was not just                  2 loss of life, but injury, fire suppression costs,                  3 timber loss, and other economic losses.                  4 THE WITNESS: Okay, I'm going to                  5 reference DRH-3, which is our risk analysis --                  6 Let me give you the proper title.                  7 It is our wildfire risk analysis summary,                  8 and Page 5, and it says -- referencing what the risk                  9 is included in that, and there's not line numbers but                  10 I'll reference, it says three items: direct financial                  11 costs, which is the replacement costs, fire                  12 suppression, first-party damage; and two, customer,                  13 which is -- the interpretation, it says interruption                  14 costs, estimates -- they use the ICE calculator --                  15 this, again, was done with our internal stakeholder                  16 group, just to understand how this was put together --                  17 and third-party claims, and then finally safety,                  18 public employee injuries.                  19 MS. RENDAHL: Okay. Thank you.                  20 Go ahead.                  21 THE WITNESS: Trying to get back to your                  22 answer.                  23 It does consider safety, injury, so life,                  24 injury -- timber loss was not included -- and economic                  25 losses. There's some financial in there, but you'll</p>	<p>1 customers?                  2 THE WITNESS: It does not.                  3 MS. RENDAHL: Okay.                  4 So if this map didn't include these                  5 measures, how did Avista incorporate community                  6 resilience, equity and income status, into its                  7 assessment of wildfire risk and its chosen wildfire                  8 plan activities?                  9 THE WITNESS: Those factors, in our                  10 risk -- how -- I'm trying to -- I mean, essentially --                  11 our plan was developed around potential spark ignition                  12 sources. I mean, directly -- we didn't include those                  13 factors in our initial plan. We were looking for ways                  14 where high-risk operating areas and where we had                  15 potential for spark ignition, and our goal was to                  16 mitigate those within our system, and provide benefits                  17 to those communities.                  18 MS. RENDAHL: Okay. Thank you.                  19 So can you speak to whether this map                  20 corresponds to the company's understanding of highly                  21 impacted communities and vulnerable populations as                  22 defined in the Clean Energy Transformation Act, or is                  23 this something that Avista will be incorporating in                  24 the future?                  25 THE WITNESS: I don't know our position</p>

<p style="text-align: right;">Page 284</p> <p>1 on incorporating that within the Clean Energy 2 Transformation Act. I'm aware that it could be 3 possible that our map -- we know where those areas 4 have been defined, and you could see where those 5 overlaps would be. 6 MS. RENDAHL: But that hasn't been done 7 up to this point? 8 THE WITNESS: That has not. 9 MS. RENDAHL: Okay. 10 And just one last question. So can you 11 explain a bit further about how the capital 12 investments in Avista's wildfire plan serves the need 13 of risk reduction, specifically Avista's equipment 14 that might spark a fire, as opposed to general 15 resiliency to wildfire impacts in its service 16 territory. So has the company broken out risk 17 reduction benefits from more general resiliency 18 benefits or just from sparking events? 19 THE WITNESS: With wildfire, there -- 20 there's always this kind of tradeoff. Sometimes you 21 get dual benefit between reliability -- or 22 resiliency -- you're using the term resiliency; I'll 23 call it reliability or resiliency -- and safety 24 offsets. We -- on the capital side -- 25 Can you restate it? I want to make sure</p>	<p style="text-align: right;">Page 286</p> <p>1 But the replacement of a wood pole with 2 steel, which also includes a steel crossarm, makes 3 that system more resilient and safer when it comes to 4 potentially not creating a spark event related to 5 wildfire. 6 So just a very small part of our capital 7 is a resiliency effort, and the majority of it is to 8 reduce spark ignition events. And I can -- if it 9 helps, I can explain how some of those different 10 capital expenditures relate to safety. 11 MS. RENDAHL: No, I think that's 12 sufficient. 13 At this point those are all of my 14 questions, and I don't know if my colleagues have any 15 follow-up. If not, I think -- thank you, Mr. Howell. 16 I think that's all for you. 17 THE WITNESS: All right. Thank you. 18 MR. DANNER: Mr. Howell, I do have one 19 question. It regards PSPS, because in one of your 20 exhibits you say that that is affecting in the -- it's 21 in the Exhibit DRH-2, which is the 2020 fire 22 resiliency plan and addendum. You mentioned that PSPS 23 is not something you're doing right now because 24 it's -- 25 Let me find the page here.</p>
<p style="text-align: right;">Page 285</p> <p>1 I'm answering you correctly. We have so many 2 different mitigative actions that we're taking, some 3 of them are capital, some are expense, and I want to 4 make sure I'm responding to your -- because you're 5 asking me to address capital specifically. 6 MS. RENDAHL: Right. 7 So specifically, has the company broken 8 out any risk reduction benefits from those capital 9 investments from more general resiliency benefits, or 10 is it just focused on limiting the sparking event? 11 THE WITNESS: Okay. I understand your 12 question. 13 Our plan focused on two elements: impacts 14 from fire as well as preventing spark ignition events. 15 There's a small piece -- I haven't done the breakout, 16 but a small element of our plan is more of a 17 resiliency effort, but not exclusively. 18 I'll use the example, when we wrap a 19 wooden transmission pole with the fire mesh wrap -- 20 it's this material that goes up about six feet. If a 21 fire comes across in those areas, it will prevent that 22 wood pole from burning up and then potentially 23 dropping the conductor. That's more of a resiliency 24 solution than it is a safety solution, because it's 25 not reducing a spark ignition event on our system.</p>	<p style="text-align: right;">Page 287</p> <p>1 Essentially, paraphrasing, you're not set 2 up for it at this time. 3 THE WITNESS: I don't remember where it's 4 at. I do remember -- I know what it's -- I know those 5 comments, so we can visit on it if you don't find it 6 specifically. 7 MR. DANNER: Actually, I'm sorry. It's 8 in DRH-3, and it's at Page 18. 9 THE WITNESS: Okay. 10 MR. DANNER: And what you said is that 11 PSPS is a system in use in California, and while it 12 was discussed during the workshops, it requires 13 systems and processes not yet available at Avista. 14 However, the concept will be addressed in April of 15 2020, in the wildfire resilience plan. And the plan 16 does include recommendations that would support a 17 future deployment. What is the status of that? 18 THE WITNESS: Yeah, so we currently are 19 doing workshops internally related to public safety 20 power shutoffs -- that's the PSPS reference -- and, 21 you know, when we initially did our plan, there's an 22 element of PSPS that requires customer communication, 23 and it's not just the -- prior to the event, it's a 24 long-cycle customer communication, and we recognize 25 that to be successful with PSPS, there's no way we</p>

<p style="text-align: right;">Page 288</p> <p>1 could initiate our original plan, because that's what 2 this is, is our first plan, and successfully 3 administer PSPS. 4 And what I mean by that is that we know 5 that for Avista's service territory, we have very 6 rural circuits, and that's where our high consequence 7 areas are. And, you know, let's just -- I'm going to 8 characterize here. Somebody has 20 acres and they're 9 on a well, and if a fire was to come through and we 10 were to proactively shut off their power, they no 11 longer have the means to fight a fire. 12 That's the counter to -- the 13 understanding is if you shut somebody's power off, 14 you've eliminated the spark ignition event but you've 15 also prevented somebody from fighting a fire, 16 especially if that fire is from outside the system. 17 So it's a very -- we have to have a very 18 balanced approach when we start considering PSPS. 19 We are looking at it, we have a 20 workshop -- not a workshop. We have a committee 21 that's actually taking a look at that and trying to 22 decide how we would utilize that within our plan and 23 if it's appropriate. 24 MR. DANNER: So when you say that the 25 plan includes recommendations that would support a</p>	<p style="text-align: right;">Page 290</p> <p>1 circuit goes out, the system automatically tries to 2 reclose. Then during our summer season, which for us 3 this year is a little bit longer because we started in 4 late June. We're disable reclosing. 5 Then the next two levels we're going to 6 have is a -- what we're going to refer to as a Fire 2 7 shot and then a Fire 1 shot. And it just makes our 8 system much more sensitive. It's ratcheting up the 9 sensitivity. And what you really have is -- and PSPS 10 is on the top of that, which means that we -- as 11 opposed to letting the system make the decision, it 12 sees a fault, it trips offline, it's us doing it 13 proactively based on environmental conditions. So 14 it's really just a ratcheted thought process on 15 sensitivity to protecting our system. 16 But we've looked at it, and we can reduce 17 our fault energies, which is where the spark ignition 18 events come from, by 90 percent by just enabling 19 additional protection settings. 20 The next level, though, beyond that would 21 be PSPS, and that's why we're looking at that. 22 MR. DANNER: All right. 23 So when -- just so I understand the term, 24 when you talk about a long-cycle communication plan, 25 what are you referring to? What does that term mean?</p>
<p style="text-align: right;">Page 289</p> <p>1 future deployment of PSPS, you have made no decision 2 about whether you would deploy PSPS in the future? 3 THE WITNESS: We have not made that 4 decision yet. We're evaluating how -- how you would 5 implement that, when it should be implemented. 6 You know, what we're doing -- and this is 7 something that we could do with a shorter cycle, was 8 that -- we've had enhanced dry-land mode in the past 9 and we've talked about that historically. It just 10 disables reclosing. And we do that during the summer 11 season and then we send crews out to patrol prior to 12 reenergizing. That's the system operating when 13 there's a known fault, and that fault has the 14 potential for a spark. 15 We also are going to have what we call 16 enhanced dry-land mode, which is going to allow us to 17 operate our circuits more sensitively. Think of it as 18 a standard circuit breaker versus a GFI in your home. 19 It just would be more sensitive to a branch or an 20 animal contact, especially during the hot dry season. 21 So what we're moving to is the ability to dynamically 22 change our system on the system protection side. 23 There's kind of really levels of this. 24 If you think about it, you have normal operating. 25 That's when you have reclosing enabled. That's the</p>	<p style="text-align: right;">Page 291</p> <p>1 THE WITNESS: Maybe I'll counter that to 2 what short cycle is. So when we see -- we watched the 3 PSPS that's been implemented in California. They 4 have -- about three days out they're starting to 5 communicate with customers, two days out, then one day 6 out, and then they make the decision. So that's the 7 short-cycle communications. 8 What I mean is if we make that decision 9 as a company, we need to be communicating to our 10 customers, and we've talked about there's vulnerable 11 customers, there's customers that have the means to 12 install generators, some may not. We need to find 13 solutions for those customers before we just shut the 14 power off and then let them deal with the impacts of 15 that. 16 It's got to be -- so it's long cycle. 17 More than a year, it needs to be very thoughtful. 18 Very thoughtful if we're going to implement that. 19 MR. DANNER: I just wanted clarification 20 on that term you used, so thank you very much. 21 All right, I have no further questions, 22 Judge. 23 JUDGE O'CONNELL: Is there anything else 24 from either of the other Commissioners? 25 MS. RENDAHL: No.</p>

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<p>1 JUDGE O'CONNELL: Well, then, thank you,                  2 Mr. Howell. You're excused. Thank you very much for                  3 your testimony.                  4 THE WITNESS: Thank you.                  5 JUDGE O'CONNELL: And now we will shift                  6 over to Avista's witness Kensok.                  7 Mr. Meyer, you've turned on your video.                  8 Go ahead.                  9 MR. MEYER: I did. Thank you.                  10 Just one or two very quick redirect, if I                  11 might.                  12 JUDGE O'CONNELL: I apologize. I should                  13 have asked. Yes.                  14 Mr. Howell, if you would please rejoin                  15 us.                  16 Yes, one or two clarifications. Please                  17 go ahead, Mr. Meyer.                  18 MR. MEYER: Okay. Thank you.                  19                  20 REDIRECT EXAMINATION                  21 BY MR. MEYER:                  22 <b>Q. Mr. Howell, was your testimony prepared</b>                  23 <b>by you or others under your direction and supervision?</b>                  24 A. Under my direction, but I was part of                  25 that process of preparing that testimony.</p>	<p>1 internal systems costs?                  2 I'm specifically -- I have written down                  3 3.12, 3.13 or 3.15.                  4 So just wondering what you have done with                  5 regard to offsetting factors in terms of valuing                  6 reduced internal system costs.                  7 JUDGE O'CONNELL: Chair Danner, let me                  8 step in. I apologize, for one moment while we are                  9 having Mr. Kensok find his way.                  10 Mr. Meyer, I did neglect to turn it over                  11 to you to introduce your witness and have him spell                  12 his last name for the record and for the court                  13 reporter. If you would please go ahead and do that,                  14 then we will -- I apologize -- continue the answer to                  15 the Chair's question.                  16 MR. MEYER: All right. Thank you, Your                  17 Honor.                  18 For the record, please state your name                  19 and your employer, spelling your last name.                  20 THE WITNESS: James Kensok, K-e-n-s-o-k,                  21 Avista Utilities, vice president, CIO, and chief                  22 security officer.                  23 JUDGE O'CONNELL: Okay. Thank you.                  24 Mr. Meyer, you can go ahead and turn off                  25 your camera.</p>
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<p>1 <b>Q. So aside from the actual form of the</b>                  2 <b>question in your rebuttal testimony, is the</b>                  3 <b>information contained in your answers true and</b>                  4 <b>correct?</b>                  5 A. Yes.                  6 MR. MEYER: That's all I have. Thank                  7 you.                  8 THE WITNESS: Thanks.                  9 JUDGE O'CONNELL: Okay. Mr. Howell, you                  10 are excused. Thank you very much.                  11 Now let's turn to Avista witness Kensok.                  12 Okay. Mr. Kensok, will you please raise                  13 your right hand.                  14 (Witness sworn)                  15 JUDGE O'CONNELL: Okay. Thank you. You                  16 can put your hand down.                  17 And I will turn it over to the                  18 Commissioners for their questions.                  19 MR. DANNER: Good morning, Mr. Kensok.                  20 Witness Mullins states that Avista did                  21 not consider offsetting factors associated with                  22 cloud-based IT systems, such as, for example, reduced                  23 internal system costs. Can you please clarify if you                  24 did, in fact, include offsetting factors in the                  25 adjustments that you made associated with reduced</p>	<p>1 Mr. Kensok, if you please can answer the                  2 Chair's question regarding the offsetting factors.                  3 Thank you.                  4 THE WITNESS: Okay. Thank you. I think                  5 we're finding them.                  6 When we consider whether or not we use                  7 thought-based services versus on-premise services                  8 and/or software, we do consider the cost as one of the                  9 relevant factors. Offsetting costs typically can be                  10 in the infrastructure, which is the hardware and/or                  11 the software. What we've found is that it's not                  12 always financially less cost in terms of a hosted work                  13 cloud solution versus on premise.                  14 So, for example, a depreciation cost                  15 could be offset by a maintenance cost that we have                  16 with software-as-a-service or cloud-provided                  17 application, and so there's not always an offset, and                  18 I think that we do state that in my testimony. I'll                  19 have to find the pages, though, that we do consider                  20 the overall depreciation expense.                  21 And then the internal offsetting costs                  22 typically could be in labor. However, it depends on                  23 which application is hosted.                  24 So, for example, if we host an                  25 application that has to be connected to one that</p>

<p style="text-align: right;">Page 296</p> <p>1 remains on premise, there's still labor associated 2 with that, so it doesn't necessarily disappear. 3 And then also in the hosting, we look at 4 the volumetric pricing that comes with that. An 5 example, how many licenses or how often do you use or 6 how much do you store of data. That too then gets 7 considered against the capital costs of on-premise 8 solutions. 9 So we do look at that, we have a process 10 that we go through that with our technical folks, and 11 then we consider too performance of -- the physics of 12 moving from Avista's headquarters to a hosted service 13 and back. 14 So, for example, if it's a customer-based 15 web application, if that were hosted, there may be a 16 performance impact versus having it on-site, because 17 they've got to go to multiple data centers. 18 So we do -- to answer your question 19 specifically, we do consider the cost offsets. 20 Typically they aren't always favorable, and we do 21 revisit those on a regular basis. 22 MR. DANNER: And how regularly do you 23 revisit them? If there are offsetting factors, how do 24 we as a Commission capture those to benefit the 25 ratepayers?</p>	<p style="text-align: right;">Page 298</p> <p>1 2020; is that correct? 2 THE WITNESS: Yes. 3 MR. BALASBAS: All right. 4 In your responsive testimony -- or in 5 responsive testimony, multiple parties cite that the 6 company work papers included budget-based pro forma 7 adjustments through 2021. However, work papers are 8 not part of the record in this case, so could you 9 explain the time frame of your IS and IT pro forma 10 expenses included in this case and the basis for those 11 adjustments? 12 THE WITNESS: Yes. I think that in the 13 2020, it's May through December, and then '21 -- 14 I don't know what that one is. I've got 15 to look. 16 We took a conservative approach once we 17 moved into 2021 because we tried to -- we only put in 18 things that we knew that would be in the used and 19 useful category, and then in the -- 20 See if I've got it here. 21 I think we said May through December, and 22 then we used just what was -- what we knew that we had 23 that was in service for 2021. 24 MR. BALASBAS: And do you have a time 25 frame for the 2021 in-service?</p>
<p style="text-align: right;">Page 297</p> <p>1 THE WITNESS: Thank you, Chair Danner. 2 The way that we look at them is on a monthly basis on 3 volumetric pricing, so we have a monthly report that 4 shows what volumetric costs have been, for example, at 5 Amazon Web Services, or AWS, for a particular 6 application. And then if we see that move upward -- 7 sometimes it does -- or downward, then we take a look 8 at that and decide if that's still the most efficient 9 solution. 10 We can't always change it but we can 11 adjust our processes that we use that can drive that 12 cost. 13 And then on an annual basis, depending on 14 how long the contract is with that particular 15 provider, then we can look at those and see where we 16 might be able to either adjust the cost or change the 17 solution. 18 MR. DANNER: I may have more questions 19 for you, but I'm going to pause here for a second and 20 review. 21 MR. BALASBAS: So good morning, 22 Mr. Kensok. I do have another question here for you. 23 So in your testimony you stated that the 24 2020 pro forma expenses included in this case were 25 already largely in service through December 31st of</p>	<p style="text-align: right;">Page 299</p> <p>1 THE WITNESS: Time frame as far as the 2 used and useful? 3 MR. BALASBAS: Yes. 4 THE WITNESS: Yes. We're building those 5 as we speak, in terms of they adjust literally 6 monthly, but in effect we would say that 2021 is going 7 to be very similar to 2020, but just as I mentioned 8 earlier, when those contracts come due -- those are 9 the ones that we're making sure are in there -- that's 10 when we would reevaluate those and include them for 11 '21. 12 MS. RENDAHL: Mr. Balasbas, can I follow 13 up, or are you going to follow up on that? 14 MR. BALASBAS: No, go ahead. 15 MS. RENDAHL: So I guess what is in the 16 case in front of us? What is in the record that we 17 have for 2021, not what you might include later? 18 Because what we have to decide in this 19 case is what is in evidence. So what is in the 20 evidence right now that Avista has included about 21 2021? 22 And if you need to respond to that in a 23 bench request, we can do that. 24 MR. MEYER: That might be a very good 25 suggestion.</p>

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<p>1           These questions really are trenching on 2 ground more appropriate for Liz Andrews, who worked up 3 the pro forma analysis, and the bench request I think 4 would be an ideal vehicle for that. 5           JUDGE O'CONNELL: This is Judge 6 O'Connell. 7           For the record, Mr. Cook, that was 8 Mr. Meyer speaking. 9           THE REPORTER: Thank you. 10          JUDGE O'CONNELL: We will -- 11          MS. RENDAHL: Commissioner Balasbas, do 12 you want to frame this bench request? 13          MR. BALASBAS: Sure. Yeah, thank you, 14 Commissioner Rendahl. 15          So, Judge O'Connell, yeah, I think -- I 16 agree, I think a bench request would be appropriate 17 here, to indicate what -- and I hope I got this right, 18 so, Commissioner Rendahl or Chair Danner, please help 19 me if I'm not framing correctly here, but I believe 20 what we are looking for is what the time frame is and 21 expenses are in this case for the pro forma IS and IT 22 adjustments. 23          Mr. Kensok has already stated May through 24 December of 2020, but I guess we would like to see 25 more detail on that.</p>	<p>1           So we have a used and useful policy statement. You 2 mentioned used and useful in your testimony earlier. 3           And it has some paragraphs, 26 and 27, that basically 4 say a retrospective review of property requests must 5 replace prospective review when requests cannot be 6 reviewed completely prior to rates going into effect. 7           So my question is: Do you anticipate a retrospective 8 review of the IT expenses that we have not been able 9 to review, and do you have any plans or process for 10 noncompany parties to review expenses after responsive 11 testimony is due in this case? 12          MR. MEYER: That again, might -- this is 13 Mr. Meyer. That's certainly a fair question, and that 14 might be part of our response to that bench request. 15 It's really more of a purview of Ms. Andrews. 16          MR. DANNER: All right. 17          Judge, can we add to that bench request, 18 then, just a question about what process the company 19 has to -- first to allow noncompany parties to review 20 expenses, and then what process does the company have 21 for retrospective review of expenses after the 22 effective date? 23          JUDGE O'CONNELL: Yes, I will add that as 24 a subpart to Bench Request No. 10. 25          MR. DANNER: All right. Thank you very</p>
Page 301	Page 303
<p>1           And then if there are any budget-based 2 pro forma adjustments for 2021, are those included in 3 the record in this case? 4           Commissioner Rendahl, did I capture that? 5           MS. RENDAHL: Yes. Thank you. 6           JUDGE O'CONNELL: Thank you. 7           And we will make that Bench Request 8 No. 10. 9           And as far as a deadline, Mr. Meyer, 10 would it be reasonable to also set a deadline for the 11 16th? 12          MR. MEYER: Yes, Your Honor, that would 13 work. 14          JUDGE O'CONNELL: Okay. 15          I will attempt to get that memorialized 16 and issued in a notice this afternoon, before the 17 close of business. If I am unable to do that, it will 18 be first thing Monday morning. Thank you. 19          MR. BALASBAS: So, Judge O'Connell, at 20 this point I do not have any other questions for 21 Mr. Kensok. 22          MS. RENDAHL: I have a question, 23 unless -- it looks like Chair Danner may, so go ahead, 24 Chair Danner. 25          MR. DANNER: I just wanted to follow up.</p>	<p>1           much. 2           And I have no further questions for 3 Mr. Kensok. 4           MS. RENDAHL: And I just have a brief 5 one. 6           So, Mr. Kensok, in your exhibit -- do you 7 have your initial testimony, JMK-1T? 8           THE WITNESS: I do. 9           MS. RENDAHL: Okay. 10          Can you look at Page 8. 11          THE WITNESS: I'm there. 12          MS. RENDAHL: Okay. 13          So at that point you cite disaster 14 preparedness and wildfire preparedness as part of the 15 business case for the IS and IT investments included 16 in pro forma adjustment 3.08. Do you see that? 17          THE WITNESS: I do. 18          MS. RENDAHL: Okay. 19          And then Avista also proposes pro forma 20 adjustment 3.17 to include costs associated with its 21 wildfire plan. How is Avista classifying its IT 22 investments between IT costs and the costs related to 23 other proposed adjustments, such as the wildfire 24 adjustment I just mentioned? 25          THE WITNESS: They're separate.</p>

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<p>1 Mr. Howell has the costs specific to the wildfire plan                  2 in his budget, and then any technologies that we have                  3 within the ISIT area is within the ISIT budget.                  4 MS. RENDAHL: Okay. Thank you.                  5 And that's all the questions I have.                  6 JUDGE O'CONNELL: Okay.                  7 Mr. Meyer, let me turn back to you and                  8 ask if you have any clarifying questions from what the                  9 Commissioners have asked.                  10 MR. MEYER: I do not. Thank you.                  11 JUDGE O'CONNELL: Okay. Thank you.                  12 Then, Mr. Kensok, thank you for your                  13 testimony. You are excused.                  14 So at this point we've finished the                  15 testimony from all of Avista's witnesses, and what we                  16 will do next is take testimony from the staff witness                  17 Jordan.                  18 However, before we get there, there has                  19 been a request for a break, and it is time for our                  20 midmorning break. The time now is 10 minutes until                  21 11:00 in the morning, and we will take our midmorning                  22 break until 11 o'clock. So we will be off the record                  23 until 11:00.                  24 Okay. Thank you.                  25 (Short recess.)</p>	<p>1 Honor.                  2 Good morning, Ms. Jordan. Please state                  3 your name for the record.                  4 THE WITNESS: Good morning. My name is                  5 Elaine Jordan, J-o-r-d-a-n.                  6 MS. CAMERON-RULKOWSKI: Where are you                  7 employed?                  8 THE WITNESS: I am a regulatory analyst                  9 with the Washington Utilities and Transportation                  10 Commission.                  11 MS. CAMERON-RULKOWSKI: Please direct                  12 your attention to the responsive testimony and the                  13 cross answering testimony that you filed in this case.                  14 Are there any corrections or other                  15 changes that need to be made to any of the exhibits                  16 that were filed as part of this testimony?                  17 THE WITNESS: Yes. There are three                  18 corrections to my responsive testimony.                  19 MS. CAMERON-RULKOWSKI: Please go ahead                  20 and provide those for the record.                  21 THE WITNESS: On Page 26, starting on                  22 Line 15, where it says 89 cents, it should read \$1.14;                  23 where it says negative 1.1 percent, it should read                  24 negative 1.4 percent; and then on Line 16, where it                  25 says \$81.44, it should read \$81.19.</p>
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<p>1 JUDGE O'CONNELL: If I can please ask                  2 that Ms. Cameron-Rulkowski turn on her video and that                  3 we have staff witness Elaine Jordan appear on video to                  4 testify.                  5 Before we get to Jordan, I want to talk                  6 about the schedule for the rest of the day.                  7 I understand that we expect to have at                  8 least some amount of time that Public Counsel is going                  9 to cross-examine witness Jordan. Depending on when                  10 that testimony concludes, we're going to look at what                  11 time it is, and we will decide then whether we're                  12 going to have a break for lunch or whether we will                  13 have a short break and continue with the                  14 cross-examination by Avista of Public Counsel                  15 witnesses before going on a lunch break.                  16 So with that expectation, I'd like to                  17 turn now to staff witness Jordan.                  18 Will you please raise your right hand,                  19 and I'm going to swear you in.                  20 (Witness sworn)                  21 JUDGE O'CONNELL: You can put your hand                  22 down.                  23 Okay. Ms. Cameron-Rulkowski.                  24 Ms. Cameron-Rulkowski, you are muted.                  25 MS. CAMERON-RULKOWSKI: Thank you, Your</p>	<p>1 MS. CAMERON-RULKOWSKI: And, Ms. Jordan,                  2 do these numbers appear in another exhibit?                  3 THE WITNESS: Yes, these numbers appear                  4 in Exhibit ELJ-5, which is correct.                  5 MS. CAMERON-RULKOWSKI: And when you say                  6 "which is correct," you mean the numbers that are in                  7 ELJ-5 are correct?                  8 THE WITNESS: Yes, the numbers in ELJ-5                  9 are correct.                  10 MS. CAMERON-RULKOWSKI: Thank you.                  11 Ms. Jordan is available for                  12 cross-examination and to respond to questions from the                  13 bench.                  14 JUDGE O'CONNELL: Okay. Thank you.                  15 Ms. Cameron-Rulkowski, you can turn off                  16 your video now, until you may need to turn it back on                  17 to be heard.                  18 Ms. Suetake, thank you for turning on                  19 your video. You may proceed with cross-examination.                  20 MS. SUETAKE: Thank you, Your Honor.                  21                  22 CROSS-EXAMINATION                  23 BY MS. SUETAKE:                  24 <b>Q. Good morning, Ms. Jordan.</b>                  25 A. Good morning.</p>



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1 **Q. Is it correct that you are staff's**  
 2 **witness on Avista's electric and gas cost of service**  
 3 **studies?**  
 4 A. Yes.  
 5 **Q. Could you please turn --**  
 6 **Do you have a copy of your cross**  
 7 **answering testimony in front of you?**  
 8 A. I do.  
 9 **Q. Could you please turn to Page 4.**  
 10 A. I'm there.  
 11 **Q. To Lines 7 through 10.**  
 12 A. Yes.  
 13 **Q. Now, you indicate here -- is it correct**  
 14 **that you indicate here that staff reviewed the**  
 15 **information provided in the company's filing and**  
 16 **believes it is reasonable?**  
 17 A. Yes.  
 18 **Q. When you refer to staff here in these**  
 19 **lines, did you personally review the company's class**  
 20 **cost of service study to form your opinion?**  
 21 A. Yes.  
 22 **Q. Did you personally review and examine**  
 23 **Ms. Knox's electronic class cost of service study that**  
 24 **was provided in Excel format?**  
 25 A. Yes.

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1 **Q. Now, staying on this same page, Page 4,**  
 2 **starting on Line 10, is it correct that you note that**  
 3 **Avista used inputs from its 2020 IRP?**  
 4 A. Yes.  
 5 **Q. And did you review the company's 2020**  
 6 **IRP?**  
 7 A. I did not.  
 8 **Q. Okay.**  
 9 **And then --**  
 10 A. I'm sorry. If I can --  
 11 JUDGE O'CONNELL: One moment. I'm  
 12 hearing a beeping coming from someone's microphone.  
 13 If you are not Ms. Suetake or Ms. Jordan, your  
 14 microphone should be muted at this time.  
 15 Okay. Ms. Jordan?  
 16 MS. SUETAKE: Actually, that was my --  
 17 sorry. That was my mic. There's construction next  
 18 door. I apologize.  
 19 JUDGE O'CONNELL: Thank you. I  
 20 appreciate that.  
 21 THE WITNESS: If I could slightly  
 22 rephrase. I did not review the company's IRP but I  
 23 did review the numbers in Ms. Knox's cost of service  
 24 study to confirm that they came from the 2020 IRP.  
 25 **Q. BY MS. SUETAKE: Okay.**

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1 **And here you said that you reviewed -- is**  
 2 **it correct that you reviewed those inputs to**  
 3 **calculate -- that Avista used to calculate its RFPC,**  
 4 **that is, the renewable future peak credit? Is that**  
 5 **correct?**  
 6 A. Yes, I reviewed the numbers to confirm  
 7 the numbers that Ms. Knox used were the same dollar  
 8 amounts from the IRP.  
 9 **Q. Okay.**  
 10 **Could you please explain to me your**  
 11 **understanding of the theory of the peak credit method.**  
 12 A. Yes. The theory of the peak credit  
 13 methodology is to compare a base load type generating  
 14 resource unit to a peaker type generating resource  
 15 unit, to calculate what we call a demand energy split,  
 16 which is used to help allocate the generating costs  
 17 the company incurs to the residential -- or to the  
 18 customer classes. The demand energy split is used to  
 19 estimate the amount of generation costs that were  
 20 incurred by the company to meet demand or kilowatt.  
 21 And the other part of that component is estimate  
 22 how -- the generating resources needed to meet the  
 23 energy component or kilowatt hours.  
 24 **Q. And when you say "split," do you mean the**  
 25 **classification ratio between demand and energy?**

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1 A. Yes.  
 2 **Q. And is it correct that that -- in**  
 3 **developing the peak credit classification ratio**  
 4 **between demand and energy -- is it based on a ratio of**  
 5 **different types of generation plants?**  
 6 A. Yes, and the ratio being a base load  
 7 compared to a peaker type plant.  
 8 **Q. And the peaker -- is it correct that the**  
 9 **peaker is the numerator in that ratio?**  
 10 A. Yes.  
 11 **Q. Do you know what renewable peaker unit**  
 12 **did Ms. Knox select as her -- the numerator in her**  
 13 **peak credit method?**  
 14 A. Yes, Ms. Knox used a 25-megawatt  
 15 eight-hour lithium ion battery.  
 16 **Q. Thank you.**  
 17 **If we can turn to Exhibit ELJ-11X,**  
 18 **Avista's response to Public Counsel --**  
 19 **Oh, sorry. This would be now numbered**  
 20 **GAW-6.**  
 21 **JUDGE O'CONNELL: Yes. Thank you,**  
 22 **Ms. Suetake. That was what I was going to note for**  
 23 **the record.**  
 24 **Let's please refer to Exhibit GAW-6.**  
 25 **Q. BY MS. SUETAKE: So this exhibit is**

<p style="text-align: right;">Page 312</p> <p>1 <b>Avista's response to Public Counsel's Data</b> 2 <b>Request 279.</b> 3 <b>Are you familiar with this exhibit?</b> 4 A. I became familiar with this exhibit once 5 it was filed as a cross exhibit. 6 <b>Q. Okay.</b> 7 <b>And did you review -- so you did not</b> 8 <b>review this as part of Mr. Watkins' response</b> 9 <b>testimony?</b> 10 A. I did not. 11 <b>Q. Okay.</b> 12 <b>Would you agree, however -- after you've</b> 13 <b>reviewed this, would you agree that this data request</b> 14 <b>asks for the source documents and support for the</b> 15 <b>inputs to the renewable future peak credit?</b> 16 <b>MS. CAMERON-RULKOWSKI: Objection, Your</b> 17 <b>Honor. It's not clear that this is within the scope</b> 18 <b>of witness Jordan's testimony.</b> 19 MS. SUETAKE: Your Honor, this is the 20 witness -- 21 I'm sorry, Your Honor? 22 JUDGE O'CONNELL: Ms. Suetake, do you 23 have a response? 24 MS. SUETAKE: Yes. Ms. Jordan is the 25 only witness for staff for the cost of service</p>	<p style="text-align: right;">Page 314</p> <p>1 testimony. I don't believe that she testified that 2 the RFPC method was reasonable. She testified that it 3 was in compliance with the Commission's rule in 4 Chapter -- WAC 480-85. 5 JUDGE O'CONNELL: One moment. One 6 moment. 7 Thank you, Ms. Cameron-Rulkowski. I'm 8 familiar with the testimony and with this exhibit. 9 Now, Ms. Jordan does testify that she 10 reviewed the inputs and that what Avista did was 11 reasonable. So to that point, what Ms. Suetake is 12 questioning about in this exhibit in particular is 13 relevant and within the scope of Ms. Jordan's 14 testimony. So I am going to permit questioning about 15 these inputs based upon the information given by 16 Avista as to what they included, given that Ms. Jordan 17 testified that she reviewed the inputs used and 18 determined that they were reasonable. 19 So, Ms. Suetake, go ahead with your 20 questioning, but please identify for the record what 21 it is we're looking at in Exhibit GAW-6. 22 MS. SUETAKE: Yes, Your Honor. Thank 23 you. 24 <b>Q. For this question, if you can look at</b> 25 <b>Subpart A.</b></p>
<p style="text-align: right;">Page 313</p> <p>1 studies. She said she reviewed the inputs for 2 Avista's cost of service study. I would like to ask 3 her about these inputs. 4 I'm not sure who else this would go to -- 5 these questions would go to if not Ms. Jordan. I 6 don't know whose scope of testimony it would otherwise 7 be. 8 JUDGE O'CONNELL: I understand. 9 The objection is overruled. 10 Ms. Suetake, if you could please -- 11 before you get into the substance of the exhibit, 12 which has already been admitted, please explain or 13 identify how the information in this exhibit goes to 14 the RFPC method and the staff testimony that purports 15 Avista's use of that methodology. 16 MS. SUETAKE: Your Honor, staff has said 17 that Avista's cost of service study and their 18 renewable future peak credit method is reasonable. In 19 order to assess the underlying basis for that opinion 20 that this is reasonable, I would like to discuss and 21 examine Ms. Jordan about her understanding about the 22 inputs. 23 JUDGE O'CONNELL: Yes. 24 MS. CAMERON-RULKOWSKI: Your Honor, if I 25 may, that's a bit of a misstatement of Ms. Jordan's</p>	<p style="text-align: right;">Page 315</p> <p>1 A. Okay. 2 <b>Q. First let's go back to the first question</b> 3 <b>I had, which is: Would you agree that this data</b> 4 <b>request asks for the source document and support for</b> 5 <b>the inputs to the renewable future peak credit?</b> 6 A. Yes, I would agree that's what the data 7 request is asking. 8 <b>Q. And then if you look at answer to</b> 9 <b>Subpart A, you mentioned an eight-hour lithium ion</b> 10 <b>battery?</b> 11 A. Yes. 12 <b>Q. And would you agree that this is the same</b> 13 <b>lithium ion battery that you mentioned earlier as the</b> 14 <b>peaker unit that Ms. Knox had chosen?</b> 15 A. Yes. 16 <b>Q. Okay.</b> 17 <b>Do you have a copy of Mr. Watkins'</b> 18 <b>response testimony, GAW-1T, in front of you?</b> 19 A. I do. Give me a minute. 20 Okay. 21 <b>Q. Now, if you could turn to --</b> 22 <b>Did you read Mr. Watkins' response</b> 23 <b>testimony in preparation for this case?</b> 24 A. I did. 25 <b>Q. Could you please turn to Page 11 of</b></p>

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1 **Mr. Watkins' testimony.**  
2 A. I'm there.  
3 **Q. Do you see Table 1?**  
4 A. Yes.  
5 **Q. And this table says "Avista 2020**  
6 **Preferred Resource Strategy 2021 through 2030"; is**  
7 **that correct?**  
8 A. Yes.  
9 **Q. Similarly, if you go down one page to**  
10 **Tables 2 and 3. Do you see those two tables?**  
11 A. Yes.  
12 **Q. Would these -- all of these three tables,**  
13 **would you agree that Mr. Watkins represents that this**  
14 **is information from the Avista 2020 IRP?**  
15 A. According to the footnotes in  
16 Mr. Watkins' testimony, they come from the 2020 IRP.  
17 **Q. Thank you.**  
18 **If we could then turn to Exhibit ELJ-12X,**  
19 **which is Chapter 11 from Avista's 2020 IRP.**  
20 A. I'm there.  
21 **Q. Are you familiar with this exhibit?**  
22 A. I became familiar with this exhibit once  
23 it was filed as a cross exhibit.  
24 **Q. If you can turn to Page 11-5, please.**  
25 A. I'm there.

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1 **Q. Do you see the Table 11 -- what's --**  
2 **Table 11.1 at the top there?**  
3 A. Yes.  
4 **Q. Would you agree that this is the same**  
5 **information that is presented in Mr. Watkins'**  
6 **testimony?**  
7 A. Yes.  
8 **Q. Looking at this table, does Avista**  
9 **include an eight-hour lithium ion battery storage**  
10 **facility to serve as a peaker unit in the next -- up**  
11 **through 2030?**  
12 A. No.  
13 **Q. Can you turn to Page 11-7, please, in the**  
14 **same exhibit.**  
15 A. I'm there.  
16 **Q. Do you see the table identified as**  
17 **Table 11.1 again, "2020 Preferred Resource Strategy**  
18 **2031 through 2040"?**  
19 A. Yes.  
20 **Q. And would you agree that this is the same**  
21 **as the Table No. 2 in Mr. Watkins' testimony?**  
22 A. Yes.  
23 **Q. Turning to this table, would you agree**  
24 **that this table --**  
25 **Sorry. Do you see an eight-hour lithium**

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1 **ion battery storage facility to serve as a peaker unit**  
2 **in this table?**  
3 A. No.  
4 **Q. So in reviewing these tables from**  
5 **Avista's IRP, would you agree that Avista has no plans**  
6 **to install a lithium ion battery unit anytime between**  
7 **now and 2040?**  
8 A. According to these tables in the IRP, it  
9 does not appear that Avista is planning on installing  
10 a lithium ion battery through 2040.  
11 **Q. And then if we can go to Page 11-8 in**  
12 **this same exhibit.**  
13 A. I'm there.  
14 **Q. Would you agree that this is the same**  
15 **table -- same information as presented in Table 3 of**  
16 **Mr. Watkins' testimony?**  
17 A. Yes.  
18 **Q. Would you agree that this table also does**  
19 **not include an eight-hour lithium ion battery?**  
20 A. This table does not include an eight-hour  
21 lithium ion battery but it does include a four-hour  
22 lithium ion battery.  
23 **Q. Would you agree that a four-hour lithium**  
24 **ion battery storage unit is not the same as an**  
25 **eight-hour lithium ion battery storage unit?**

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1 A. I would not agree that four and eight are  
2 the same number, but I am not familiar enough with  
3 lithium ion storage battery technology to say if they  
4 are the same or not.  
5 **Q. That's fine. Thank you.**  
6 **Ms. Jordan, does any of the material we**  
7 **have reviewed suggest -- state that the company is**  
8 **planning in their preferred resource strategy to build**  
9 **or install an eight-hour lithium ion battery storage**  
10 **through 2045?**  
11 A. These three -- according to these three  
12 tables in Avista's 2020 IRP, there is -- they are not  
13 planning on installing eight-hour lithium ion battery  
14 storage through 2045.  
15 **Q. Do you know where in Ms. Knox's -- or**  
16 **apologies. Do you know where in the 2020 IRP the**  
17 **eight-hour lithium ion battery is mentioned?**  
18 A. I am not aware.  
19 **Q. Thank you.**  
20 **Would you agree that the purpose of the**  
21 **cost allocation study used for the purposes of this**  
22 **case is to allocate Avista's current generation rate**  
23 **base?**  
24 **Would you like me to repeat the question?**  
25 A. Yes, please.

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1 **Q. Would you agree that the purpose of a**  
 2 **cost allocation study used in this rate case is to**  
 3 **allocate Avista's current generation rate base?**  
 4 A. Yes.  
 5 **Q. Would you also agree that the purpose of**  
 6 **a --**  
 7 **Sorry. I used negatives in the writing**  
 8 **of my question.**  
 9 **Would you also agree that a cost**  
 10 **allocation study is not intended to allocate Avista's**  
 11 **generation rate base 25 years from now? Cost**  
 12 **allocation used in today's rate case.**  
 13 A. Yes, I would agree with that; however,  
 14 that is not what -- that is not what this cost of  
 15 service study is doing, nor is having a battery that  
 16 is not projected to be in -- used until 2042 is doing  
 17 in this case. The renewable future peak credit  
 18 methodology uses -- uses renewable resources to create  
 19 that demand energy split. Both the peak credit  
 20 methodology and -- the traditional peak credit  
 21 methodology and the renewable peaker peak credit  
 22 methodology use base load and peaker resources. In  
 23 this case a battery -- lithium ion battery is the  
 24 peaker resource used by the company.  
 25 **Q. So are you saying that it is -- an**

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1 **eight-hour lithium ion battery that is not projecting**  
 2 **at this time to be used on Avista's system or part of**  
 3 **their preferred resource strategy even through 2045 --**  
 4 **is it your opinion that this specific resource is a**  
 5 **reasonable proxy for a peaker unit to serve as a basis**  
 6 **within Avista's forward-looking renewable peak credit**  
 7 **method that will be used to allocate current**  
 8 **generation rate bases?**  
 9 A. Yes. First Ms. Knox used 2022 battery,  
 10 which is appropriate because the rate effective year  
 11 in this case is effectively 2022.  
 12 Second, using that forward-looking  
 13 resource is in line with the cost of service  
 14 rule-making order.  
 15 Specifically, if I can get there, Page 12  
 16 of that cost of service rule-making order, Line --  
 17 Paragraph 44, the first line states, "The renewable  
 18 future peak credit method upholds a principle long  
 19 favored by this Commission, a properly conducted cost  
 20 of service study is forward looking by reflecting the  
 21 purposes for which plant expenditures are made."  
 22 And finally, even under the traditional  
 23 peak credit methodology, also used hypothetical cost  
 24 estimates from -- as input to the demand energy split  
 25 that came from an IRP.

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1 **Q. When you speak of future resources, could**  
 2 **you please tell me in your opinion what is -- how far**  
 3 **out would be reasonable in an expectation of a peaker**  
 4 **plant would be? Like how far out would it be**  
 5 **reasonable for Avista to use a resource -- a**  
 6 **hypothetical resource?**  
 7 A. I would have to review it on a  
 8 case-by-case basis and look at the entirety of the  
 9 cost study. In this case I've reviewed the inputs,  
 10 and I found that a lithium ion battery is reasonable.  
 11 As Mr. Watkins testifies to in his responsive  
 12 testimony, it is the most -- it is a peaker unit, and  
 13 it is the -- it is a renewable -- it is a renewable  
 14 type peaker unit. Therefore, it is appropriate to use  
 15 in the renewable future peak credit methodology  
 16 calculation.  
 17 **Q. Thank you.**  
 18 **In developing the levelized cost for that**  
 19 **eight-hour lithium ion battery storage facility, do**  
 20 **you know how many hours Ms. Knox assumed that this**  
 21 **facility would be dispatched or operated?**  
 22 A. I do not.  
 23 **Q. Can we turn back to Exhibit GAW-6,**  
 24 **please.**  
 25 A. I'm there.

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1 **Q. If you can look at the request for --**  
 2 **under Subpart C, the basis for assumed 200 hours of**  
 3 **operations. Do you see that?**  
 4 A. Yes.  
 5 **Q. Do you see the answer to Subpart C says**  
 6 **they got -- that Avista used the number -- and they**  
 7 **received from it PacifiCorp's Scenario 3 from a**  
 8 **rule-making docketed UG-170002, that were staff**  
 9 **requested scenarios?**  
 10 A. Yes, I see that as the answer.  
 11 **Q. In your opinion, why is the 200-hour**  
 12 **scenario the most reasonable?**  
 13 **Sorry. Hold on. Let me ask first, were**  
 14 **you part of the staff on that UG-0002?**  
 15 A. Yes, I was a part of that rule-making  
 16 docket.  
 17 **Q. Ms. Jordan, in this case, in your**  
 18 **opinion, why is the 200-hour scenario the most**  
 19 **reasonable?**  
 20 A. I apologize. I cannot remember the  
 21 reason why we -- why staff requested scenarios dated  
 22 June 14th, 2019, why 200-hour was selected.  
 23 **Q. Do you recall if staff asked for any**  
 24 **other scenarios?**  
 25 A. Yes. Staff -- I can't remember the

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1 number off the top of my head, but staff did request  
 2 other scenarios in that rule making docket.  
 3 **Q. Thank you.**  
 4 A. I can say in that -- when we -- when  
 5 those scenarios did come back, though, which Ms. Knox  
 6 points to in her rebuttal testimony and is also in the  
 7 cost of service rule-making order -- and I apologize,  
 8 I don't have that reference handy -- that all of  
 9 the -- the stakeholders were surprised, though, when  
 10 those scenario results came back because they were  
 11 negligible differences in the results.  
 12 **Q. Thank you.**  
 13 **We can move on to some of these other**  
 14 **inputs.**  
 15 **Do you see, under Input E, winter month**  
 16 **fixed costs?**  
 17 A. Yes.  
 18 **Q. If you look at the answer, would you**  
 19 **agree that Avista states that this is a PPA price per**  
 20 **megawatt hour, when we asked for the inputs?**  
 21 **MS. CAMERON-RULKOWSKI: Your Honor, I'm**  
 22 **going to object again here. And it's just not clear**  
 23 **how this is -- how this is within the scope of**  
 24 **Ms. Jordan's testimony. The Public Counsel is asking**  
 25 **about the answers that Avista provided in a data**

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1 **request that was propounded by Public Counsel, and so**  
 2 **it's just not clear what we're accomplishing here.**  
 3 **JUDGE O'CONNELL: Ms. Suetake?**  
 4 MS. SUETAKE: I was just about to ask a  
 5 couple more questions that might make it clear that  
 6 I'm asking about the reasonableness -- or Ms. Jordan's  
 7 opinion about the reasonableness of using a PPA for a  
 8 cost of service study.  
 9 And I was going to ask -- continue to ask  
 10 about the use of a PPA for the denominator of the  
 11 ratio, which would -- is intended to be a base load  
 12 facility.  
 13 Again, I'm trying to discern why this  
 14 witness thinks that this cost of service study and the  
 15 inputs that Avista used is reasonable.  
 16 **JUDGE O'CONNELL: Ms. Cameron-Rulkowski,**  
 17 **I understand your objection and why you're objecting.**  
 18 **However, I'm overruling it, again, because this is**  
 19 **staff's expert witness on cost of service. Staff has**  
 20 **testified that the cost of service study and the**  
 21 **inputs used were reasonable. In particular, that the**  
 22 **IRP -- use of the IRP was reasonable.**  
 23 **But in addition to that, staff has**  
 24 **supported and said that it is accepting of Avista's**  
 25 **cost of service study as it complies with the**

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1 Commission's rule and has no problem with the inputs  
 2 used.  
 3 I think Ms. Suetake's line of questioning  
 4 is within that scope of what the opinion of staff on  
 5 that cost of service study and the methodologies used  
 6 and the inputs. I think the question is within that  
 7 scope. So overruled.  
 8 Ms. Suetake, go ahead.  
 9 MS. SUETAKE: Thank you.  
 10 **Q. Let me back up a little, then. Turning**  
 11 **to the -- as we spoke about -- we spoke about**  
 12 **previously about the ratio, and we talked about the**  
 13 **numerator, which is the peaker unit. Let's speak**  
 14 **about the denominator now, in develop -- that was used**  
 15 **in developing the peak credit ratio.**  
 16 **Do you know what Ms. Knox used in the**  
 17 **denominator or base load facility within her renewable**  
 18 **peak credit approach?**  
 19 A. Yes, Ms. --  
 20 I just had the reference.  
 21 Ms. Knox used a wind turbine as the  
 22 denominator.  
 23 **Q. And are you -- would you agree that the**  
 24 **wind turbine -- the costs that they use from the wind**  
 25 **turbine was from a PPA or power purchase agreement, as**

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1 **per Subpart E in this data request?**  
 2 A. Yes, the price for that wind turbine does  
 3 come from a PPA; however, as I have previously said,  
 4 whether the traditional peak credit methodology or the  
 5 RFPC uses hypothetical costs, additionally, Ms. Knox  
 6 had done calculations to represent that that -- PPA  
 7 cost, which is -- my understanding, is the best cost  
 8 estimate -- or the IRP produces a best cost estimate,  
 9 she did further calculations to -- sorry. She did  
 10 some further calculations to -- to -- she did further  
 11 calculations to make the wind turbine PPA a base load  
 12 resource.  
 13 You would have to ask Ms. Knox the exact  
 14 calculations that she did.  
 15 **Q. This conversion, is it correct that**  
 16 **Ms. Knox needed to convert that because a PPA contract**  
 17 **is an expense and it's not reflected in rate base?**  
 18 A. That is my understanding of how PPAs  
 19 work. I am not a power cost expert.  
 20 **Q. I understand.**  
 21 **You spoke about that conversion or, you**  
 22 **know, that she had to do calculations. Would you**  
 23 **agree that she attempted to convert that energy-based**  
 24 **PPA expense item into a capacity cost per kilowatt to**  
 25 **use as the denominator?**

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1 A. I'm sorry, I cannot remember right now  
2 exactly, but I believe that is what she did, subject  
3 to check.  
4 **Q. Okay. Thank you. That's good. That's**  
5 **fine.**  
6 **If we can turn to Page 4 in your cross**  
7 **answering testimony, please.**  
8 A. I'm there.  
9 **Q. If you can look at Lines 2 and 3.**  
10 **Is it correct that you state that**  
11 **Mr. Watkins' testimony is a backdoor challenge -- or**  
12 **Public Counsel's arguments on methodology are a**  
13 **backdoor challenge to the rule more than a critique of**  
14 **how Avista conducted its cost of service study; is**  
15 **that correct?**  
16 A. Yes. Public Counsel witness Watkins  
17 critiques the RFPC methodology; however, I did not see  
18 any evidence in this case that the RFPC was not in the  
19 public interest and something else should have been  
20 used, especially given what WAC 480-85-060  
21 Subsection (2) states, which in part states, "a party  
22 may file a cost of service study with modifications to  
23 the methodologies outlined in Tables 1 through 4 in  
24 subsection (3) of this section provided that each  
25 modification is explained in narrative testimony and

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1 the party shows that each modification materially  
2 improves the cost of service study and is in the  
3 public interest."  
4 **Q. Putting aside what the WAC says, I'd like**  
5 **to speak to you about what your testimony says. Is it**  
6 **correct that you say that you assert that Public**  
7 **Counsel's arguments on methodology are more of a**  
8 **backdoor challenge to that rule than a critique of**  
9 **Avista's -- how Avista conducted its cost of service**  
10 **study?**  
11 A. Yes, again, because I did not see any  
12 other evidence in this case that the RFPC was not  
13 the -- the evidence that I saw from Public Counsel was  
14 critiquing the RFPC itself and not the input -- or --  
15 I'm sorry. Let me try again.  
16 The -- I stand by my sentence in the  
17 testimony here that says the arguments are a backdoor  
18 challenge to the rule because I did not see any  
19 evidence from Public Counsel that the RFPC was not in  
20 the public interest.  
21 **Q. But you assert here essentially that**  
22 **public --**  
23 **Let's turn to Mr. Watkins' response**  
24 **testimony, please.**  
25 A. I'm there.

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1 **Q. If you can look at Page 10, through**  
2 **Line 21.**  
3 A. And I'm sorry. Page 10 doesn't have 21  
4 lines.  
5 **Q. Sorry. If you could just take a moment**  
6 **to review Pages 10 through 21 in this testimony.**  
7 **I'm trying to do this faster rather than**  
8 **have you go page section by page section.**  
9 A. Mm-hmm.  
10 MS. CAMERON-RULKOWSKI: Objection. The  
11 testimony states what it states, and we need to have a  
12 specific reference regarding the question.  
13 MS. SUETAKE: If I --  
14 JUDGE O'CONNELL: Ms. Suetake --  
15 MS. SUETAKE: I understand what you're  
16 saying.  
17 How about this. I'll ask the question in  
18 a different way.  
19 **Q. Given that we went through all these**  
20 **tables and all of this discussion about the inputs**  
21 **that Mr. Watkins raised in his testimony, and**  
22 **Mr. Watkins' view of Avista's 2020 IRP -- inputs from**  
23 **the 2020 IRP, do you still assert that Mr. Watkins**  
24 **failed to provide a critique of how Avista conducted**  
25 **its cost of service study?**

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1 A. I'm sorry. Could you repeat your  
2 question?  
3 **Q. Given our view of Mr. Watkins' testimony**  
4 **and our discussion about the inputs to the cost of**  
5 **service study, do you still assert that Mr. Watkins**  
6 **failed to provide a critique of how Avista conducted**  
7 **its cost of service study?**  
8 A. Yes. As I say in my cross answering  
9 testimony on Page 4, Line 12 and 13, it is my  
10 statement that Public Counsel is critiquing the  
11 results of the company's IRP, and which then is --  
12 leads to the assertion that the cost of service study  
13 should not be -- that Public Counsel's assertion that  
14 the cost of service study should not be used in this  
15 case.  
16 Again, however, I did not see a -- and in  
17 Mr. Watkins' testimony, and it's still my testimony,  
18 that challenging the approved generation methodology  
19 in the process of WAC 480-85.  
20 **Q. Okay.**  
21 **If we can turn to the first part of your**  
22 **assertion in Lines 2 and 3. Is it correct that you**  
23 **state that Mr. Watkins' testimony is a backdoor**  
24 **challenge to the Commission's rule?**  
25 A. Yes.

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1 **Q. In your opinion, is it -- is it your**  
 2 **opinion that it is inappropriate for Mr. Watkins or**  
 3 **any other qualified expert to provide information to**  
 4 **the Commission regarding whether a particular cost of**  
 5 **service study is or is not reasonable?**  
 6 A. Give me one moment.  
 7 It is within any party's right to discuss  
 8 the cost of service rule -- or the -- the company -- a  
 9 company complying with the cost of service. WACs,  
 10 however, in the rule-making order on Page 19,  
 11 Paragraph 67 -- the second sentence there, it states,  
 12 quote, "The Commission intends the proponent for any  
 13 alternative cost of service study to bear" -- "to bear  
 14 the burden of justification to any modification to the  
 15 methodologies."  
 16 In this instance I did not see Public  
 17 Counsel offer an alternative cost of service study and  
 18 instead just critiqued it. Therefore, I state that it  
 19 is a backdoor challenge to the rule because Public  
 20 Counsel does not offer an alternative.  
 21 **Q. Was Public Counsel asserting that Avista**  
 22 **had to use a different cost of service study?**  
 23 A. No, Public Counsel -- my understanding of  
 24 Public Counsel's testimony is that the --  
 25 One second. I want to make sure I don't

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1 misrepresent my understanding of the Public Counsel's  
 2 testimony. Give me one moment.  
 3 **Q. I can ask a different question if you**  
 4 **would prefer. We don't have to --**  
 5 A. I just don't have my testimony tabbed as  
 6 well as I thought I did.  
 7 On Page 25 of Mr. Watkins' responsive  
 8 testimony, starting on Line 20, he states there, "For  
 9 reasons discussed in this testimony, Avista's class  
 10 cost of service testimony should not be relied upon to  
 11 measure any" -- "relied upon as any reasonable measure  
 12 of class cost responsibility."  
 13 So -- which is the -- one of the purposes  
 14 of a cost service testimony, is to calculate what we  
 15 call parity ratios, which shows the amount of costs a  
 16 particular customer class causes a utility to incur  
 17 compared to the revenues that that customer class is  
 18 providing, so by -- what I'm reading here in  
 19 Mr. Watkins' testimony is that the Commission-approved  
 20 WACs of the cost of service study are not reasonable;  
 21 however, Public Counsel did not provide an alternative  
 22 cost of service to be that -- that they found -- that  
 23 you found would be more reasonable.  
 24 **Q. Is it your opinion that it is**  
 25 **inappropriate to critique the reasonableness of the**

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1 **inputs used in a cost of service study without a full**  
 2 **alternative cost of service study provided as well?**  
 3 A. I think it is unreasonable to critique  
 4 the inputs without providing an alternative or -- an  
 5 alternative cost of service study or what the results  
 6 of a cost of service study would be with those  
 7 critiques.  
 8 **Q. So in a hypothetical -- let me propose a**  
 9 **hypothetical, then. If a utility proposed a**  
 10 **completely unreasonable cost of service study but a**  
 11 **party was not able to, for reasons, say, because they**  
 12 **couldn't get the data, provide an alternative cost of**  
 13 **service study, does that make the company's cost of**  
 14 **service study reasonable?**  
 15 A. I don't think so. The way you stated  
 16 your hypothetical was if a company provided an  
 17 unreasonable cost of service study, providing an  
 18 alternative. An unreasonable cost of service study  
 19 would not be considered reasonable; however, if a --  
 20 it is my opinion that if a party is going to critique  
 21 the inputs that a company used and conclude that it  
 22 is -- that the study is unreasonable but not provide  
 23 their own evidence to what would be reasonable -- a  
 24 reasonable cost study, that is critiquing without  
 25 providing an alternative.

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1 **Q. In your opinion, does every determination**  
 2 **of reasonableness or unreasonableness require an**  
 3 **alternative from other parties?**  
 4 A. I don't think I understand your question.  
 5 **Q. For every time a party states that -- and**  
 6 **provides evidence of the unreasonableness of a**  
 7 **utility's filing, do they have to provide an**  
 8 **alternative?**  
 9 A. In a cost of --  
 10 MS. CAMERON-RULKOWSKI: Objection.  
 11 One moment.  
 12 Objection. We're just talking about the  
 13 cost of service study here, not any filing, so I would  
 14 say that there's an objection to relevance here.  
 15 MS. SUETAKE: Understood. I can change  
 16 my question.  
 17 JUDGE O'CONNELL: Please.  
 18 **Q. BY MS. SUETAKE: So to recap, is it**  
 19 **correct that you believe -- and correct me if I'm**  
 20 **wrong. Is it correct that you believe that any**  
 21 **challenge to an input to a cost of service study must**  
 22 **be accompanied by a complete full alternative cost of**  
 23 **service study?**  
 24 A. Yes.  
 25 **Q. Okay. Thank you.**

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1           **Do you know if it was Mr. Watkins'**  
 2 **intention to conduct an alternative cost of service**  
 3 **study for the Commission's consideration?**  
 4       A. I cannot speak to the intentions of  
 5 Public Counsel witness Watkins.  
 6       **Q. Can you please turn to cross-examination**  
 7 **Exhibit ELA-15X.**  
 8           **JUDGE O'CONNELL: And, for the record,**  
 9 **ELJ-15X has not yet been admitted to the record, so**  
 10 **it's currently an exhibit simply identified as -15X.**  
 11           **Please go ahead, Ms. Suetake.**  
 12       **Q. BY MS. SUETAKE: Are you familiar with**  
 13 **this data request response?**  
 14       A. I became familiar with it once it was  
 15 provided as a cross exhibit.  
 16       **Q. Would you agree that in this response**  
 17 **Mr. Watkins requested hourly sales or load data for**  
 18 **the different categories in Subparts A through E?**  
 19           **MS. CAMERON-RULKOWSKI: Objection.**  
 20           **Please -- I'd just ask that you rephrase**  
 21 **the question.**  
 22       **Q. BY MS. SUETAKE: Were you aware that**  
 23 **Mr. Watkins requested this information from Avista**  
 24 **prior to writing your response testimony?**  
 25       A. No.

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1           **Q. Cross answering testimony. Sorry.**  
 2       A. No, I did not review this data -- Public  
 3 Counsel's -- or Avista's response to Public Counsel  
 4 Data Request 269 prior to writing -- or -- yes, Public  
 5 Counsel Data Request 269 prior to writing my cross  
 6 answering testimony.  
 7       **Q. Okay. Thank you.**  
 8           **With that, I have no further questions**  
 9 **for Ms. Jordan.**  
 10           **JUDGE O'CONNELL: One moment.**  
 11           **Okay. Ms. Cameron-Rulkowski, do you have**  
 12 **any redirect?**  
 13           **MS. CAMERON-RULKOWSKI: Yes, I do, Your**  
 14 **Honor. Thank you.**  
 15           **JUDGE O'CONNELL: Go ahead.**  
 16  
 17           REDIRECT EXAMINATION  
 18 BY MS. CAMERON-RULKOWSKI:  
 19       **Q. Ms. Jordan, I'm going to take you back to**  
 20 **your testimony regarding the four-hour versus**  
 21 **eight-hour lithium ion battery. Do you recall**  
 22 **testifying about that just now?**  
 23       A. Yes.  
 24       **Q. All right.**  
 25           **And does Avista's cost of service study**

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1           **include a four-hour or eight-hour battery?**  
 2       A. Avista's cost of service study used an  
 3 eight-hour battery.  
 4       **Q. And did you -- did you perform any**  
 5 **calculations to compare a four-hour versus eight-hour**  
 6 **battery with respect to parity ratios?**  
 7       A. Yes, I reviewed the -- or I used the  
 8 four-hour battery cost instead of the eight-hour  
 9 battery, and found that the differences in the parity  
 10 ratios were negligible.  
 11       **Q. Thank you.**  
 12           **And now I'm going to ask you -- I'm going**  
 13 **to take you to Cross Exhibit 12.**  
 14       A. I'm there.  
 15       **Q. And I'm going to ask you to look at that**  
 16 **Table 11.1.**  
 17       A. I'm there.  
 18       **Q. Now, based on this table and to the best**  
 19 **of your knowledge, is Avista planning on installing**  
 20 **any renewable resource before or during the rate year**  
 21 **that you would consider a peaker resource?**  
 22       A. No. I do not see any resources on this  
 23 table for the rate year that I would -- that would be  
 24 considered a peaker resource.  
 25           MS. CAMERON-RULKOWSKI: Thank you.

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1           I have no further questions for  
 2 Ms. Jordan.  
 3           **JUDGE O'CONNELL: Ms. Suetake, do you**  
 4 **have any recross within that very limited scope?**  
 5           MS. SUETAKE: No, Your Honor, I do not.  
 6           **JUDGE O'CONNELL: Okay. Thank you.**  
 7           Let me turn to the Commissioners. Do we  
 8 have any questions that can be posed to Ms. Jordan?  
 9           MS. RENDAHL: I have no questions.  
 10           MR. DANNER: Nor do I.  
 11           **JUDGE O'CONNELL: Okay. Well, the bench**  
 12 **has no questions, so I'd like to thank you,**  
 13 **Ms. Jordan, for your testimony. You are excused.**  
 14           And I want to note for the record that  
 15 Cross Exhibit -- what's been identified as Cross  
 16 Exhibit ELJ-15X was not moved for admission so it  
 17 remains not in the record.  
 18           Okay.  
 19           MS. CAMERON-RULKOWSKI: I'm sorry, Your  
 20 Honor. You said it remains --  
 21           **JUDGE O'CONNELL: Not in the record.**  
 22           MS. CAMERON-RULKOWSKI: Not in the  
 23 record. Thank you for that clarification.  
 24           **JUDGE O'CONNELL: Okay.**  
 25           By my count, we have two more witnesses



<p style="text-align: right;">Page 340</p> <p>1 left that have been identified. Both of them are                  2 Public Counsel's witnesses. And Avista has intended                  3 cross-examination for them.                  4 Mr. Meyer, if you would anticipate me                  5 asking, please turn on your camera. Welcome back.                  6 Is your time estimate the same as                  7 originally planned for?                  8 MR. MEYER: You know, it is, and it's a                  9 tough thing to pinch everybody on their lunch hour, so                  10 I'm thinking I'll be done by a half hour, even if                  11 things go on the longish side. Total.                  12 JUDGE O'CONNELL: At this point I have --                  13 we've taken about an hour with the cross-examination                  14 of witness Jordan. We would prefer to push through                  15 through the two cross-examinations for the Public                  16 Counsel witnesses before we take our lunch break.                  17 I'd like to open up my question to the                  18 attorneys for the other parties. Do we need a short                  19 five-minute break before we continue on?                  20 MS. CAMERON-RULKOWSKI: That would be                  21 appreciated, Your Honor.                  22 JUDGE O'CONNELL: Okay. Then let's go                  23 ahead and take a five-minute break, and we will come                  24 back and hear from both of Public Counsel's witnesses.                  25 The time is currently almost 12:00 noon.</p>	<p style="text-align: right;">Page 342</p> <p>1 introduce the witness.                  2 MS. SUETAKE: Thank you.                  3 Good afternoon, Ms. Bauman. Could you                  4 please state your name.                  5 THE WITNESS: Yes. My name is Shay                  6 Bauman. That's B-a-u-m-a-n.                  7 MS. SUETAKE: And what is your place of                  8 employment?                  9 THE WITNESS: I work for the Public                  10 Counsel unit of the Washington State Attorney                  11 General's office, as a regulatory analyst.                  12 MS. SUETAKE: And did you file testimony                  13 and exhibits in this docket on behalf of Public                  14 Counsel?                  15 THE WITNESS: I did. I provided Exhibits                  16 SB-1C through 19.                  17 MS. SUETAKE: Were your testimony and                  18 exhibits prepared by you or under your instruction and                  19 supervision?                  20 THE WITNESS: Yes.                  21 MS. SUETAKE: Do you have any changes to                  22 your testimony or exhibits at this time?                  23 THE WITNESS: I do. In my response                  24 testimony, Exhibit SB-1T, I asserted that Avista did                  25 not include the cost of stranded meters (inaudible).</p>
<p style="text-align: right;">Page 341</p> <p>1 We will be off the record until 12:05. Thank you.                  2 (Short recess.)                  3 JUDGE O'CONNELL: Okay. Welcome back.                  4 Mr. Cook, are you available and ready?                  5 THE REPORTER: Yes, Your Honor.                  6 JUDGE O'CONNELL: Okay. Thank you.                  7 I'd like to ask that, Ms. Suetake, you                  8 turn on your video, and that we have Shay Bauman ready                  9 to testify.                  10 I will go ahead and swear you in. If                  11 you'll please raise your right hand.                  12 If I -- one moment. If I haven't said                  13 it, let's be on the record.                  14 THE REPORTER: Very good.                  15 JUDGE O'CONNELL: Ms. Bauman, if you will                  16 please raise your right hand, I will swear you in.                  17 (Witness sworn)                  18 JUDGE O'CONNELL: Okay. Thank you.                  19 Let's wait one moment to go any further                  20 before I turn it over to Ms. Suetake. We will wait                  21 for the chair to come back in.                  22 MR. DANNER: Sorry about that. I didn't                  23 realize I had my camera off.                  24 JUDGE O'CONNELL: Okay.                  25 Ms. Suetake, I'll turn it over to you to</p>	<p style="text-align: right;">Page 343</p> <p>1 THE REPORTER: I'm sorry. I'm having                  2 trouble understanding. I don't know if you need to                  3 get closer to the microphone, but can you repeat that                  4 answer, please.                  5 THE WITNESS: In my response testimony,                  6 Exhibit SB-1T, I asserted that Avista did not include                  7 the cost of stranded meters in their AMI cost-benefit                  8 analysis. Avista's rebuttal testimony clarified the                  9 treatment of these costs, and I would like to strike                  10 the following. Please let me know if I need to go                  11 down. Page 5, Lines 5 through 12 entirely, Page 8,                  12 Line 17, through Page 9, Line 5. And on Page 41,                  13 Lines 19 through 20, I would like to remove the words                  14 "abandoned legacy meter costs and."                  15 MS. SUETAKE: Do these changes modify                  16 your positions or any calculations you've made?                  17 THE WITNESS: No. The changes did not                  18 affect any of the numbers that I provided. The impact                  19 (inaudible).                  20 THE REPORTER: I'm sorry. You're cutting                  21 out again. "The changed did not affect any of the                  22 numbers that i provided. The impact" --                  23 JUDGE O'CONNELL: One moment, Mr. Cook.                  24 I think the problem might be we're having                  25 trouble picking up your voice when you speak quickly.</p>

<p style="text-align: right;">Page 344</p> <p>1 If you could please just keep in mind that you are                  2 speaking at a speed that someone has to type at.                  3 So please go ahead and explain.                  4 THE WITNESS: Sure. I also changed the                  5 microphone. Is this any better?                  6 THE REPORTER: Much better.                  7 JUDGE O'CONNELL: Yes, that's better.                  8 THE WITNESS: Okay. Excellent.                  9 So for the court reporter, the impact on                  10 the revenue requirement remains the same, and in my                  11 Exhibit SB-3 and associated work paper, Work Paper 1,                  12 I used numbers directly from Avista, which already                  13 included those calculations and are, therefore,                  14 accurate.                  15 MS. SUETAKE: Thank you. Ms. Bauman is                  16 available for cross-examination.                  17 JUDGE O'CONNELL: Great. Thank you.                  18 Ms. Suetake, if you could please turn off                  19 your video, and, Mr. Meyer, if you would turn yours                  20 on.                  21 Okay. Mr. Meyer, you may proceed with                  22 cross-examination.                  23 MR. MEYER: Thank you.                  24 This has flashbacks to my high school                  25 basketball career. I was put in the last two minutes</p>	<p style="text-align: right;">Page 346</p> <p>1 well, am I?                  2 JUDGE O'CONNELL: Well, we can hear you,                  3 Mr. Meyer. It is a little -- there is a little                  4 distortion, but I can understand you.                  5 Mr. Cook, our court reporter, can you                  6 make out Mr. Meyer?                  7 THE REPORTER: So far, but it might --                  8 MR. MEYER: I'll try yet a third one.                  9 Is this any better?                  10 THE REPORTER: It's still difficult, but                  11 we can try our best.                  12 JUDGE O'CONNELL: Okay.                  13 Mr. Meyer, let's do what we can, and,                  14 Mr. Cook, if you can jump in if you're having trouble.                  15 MR. MEYER: You got me right where you                  16 want me, muted and barely understood, so --                  17 <b>Q. Okay. Good afternoon.</b>                  18 <b>So I'd obviously like to discuss with you</b>                  19 <b>your position on AMI, and the first -- I understand</b>                  20 <b>you're not the revenue requirements witness, but I</b>                  21 <b>suspect you understand that the Public Counsel witness</b>                  22 <b>Crane has reflected your recommendations on AMI in her</b>                  23 <b>revenue requirement; is that correct?</b>                  24 A. That's correct.                  25 <b>Q. And just to establish order of magnitude</b></p>
<p style="text-align: right;">Page 345</p> <p>1 of the game as a scrub, and had to make the best of                  2 it. So flashbacks.                  3                  4 CROSS-EXAMINATION                  5 BY MR. MEYER:                  6 <b>Q. Good afternoon.</b>                  7 <b>JUDGE O'CONNELL: Mr. Meyer, I need to</b>                  8 <b>stop you.</b>                  9 <b>Your sound quality has been good up until</b>                  10 <b>this point, but for some reason we're getting some</b>                  11 <b>feedback, or at least I am. Are you able to move the</b>                  12 <b>microphone closer to you?</b>                  13 MR. MEYER: Is this any better?                  14 How about now?                  15 JUDGE O'CONNELL: It is better. We're                  16 getting a little feedback, but I can hear you louder,                  17 which helps.                  18 MR. MEYER: Let me try a different mic.                  19 We have a series of several of these little guys.                  20 There we go. How about this one?                  21 Better?                  22 JUDGE O'CONNELL: It seems --                  23 MR. MEYER: A little bit?                  24 Okay. Would you like me to proceed?                  25 I don't think I'm coming through very</p>	<p style="text-align: right;">Page 347</p> <p>1 <b>here, is it your understanding that your proposals on</b>                  2 <b>AMI would result in about a \$7 million reduction in</b>                  3 <b>our proposed revenue requirement for electric and</b>                  4 <b>about 2.7 million for gas?</b>                  5 A. Yes, that's correct.                  6 <b>Q. Okay. Thank you.</b>                  7 <b>So it's a matter of some significance, as</b>                  8 <b>you can imagine, for Avista, correct?</b>                  9 A. Correct.                  10 <b>Q. All right.</b>                  11 <b>Now, do you have JDD-2R in front of you?</b>                  12 <b>That is our advanced metering infrastructure plan.</b>                  13 A. I do.                  14 <b>Q. You do. Good.</b>                  15 <b>And this plan is about 105 pages long?</b>                  16 A. Yes. It actually goes down to 101.                  17 JUDGE O'CONNELL: Mr. Meyer, we've lost                  18 you audio-wise.                  19 MR. MEYER: Am I there?                  20 JUDGE O'CONNELL: Now you're back. Thank                  21 you.                  22 MR. MEYER: Thank you. Okay.                  23 <b>Q. I think I had asked you whether this plan</b>                  24 <b>as shown in Exhibit JDD-2R was approximately 105 pages</b>                  25 <b>long.</b></p>

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1 A. Yes. Mine goes down through 101.  
2 **Q. Sure.**  
3 **And is this Exhibit JDD-2R a revision of**  
4 **an earlier draft that was marked as JDD-2?**  
5 A. Yes.  
6 **Q. All right.**  
7 **And is it your understanding that in**  
8 **prior proceedings Avista has presented AMI plans for**  
9 **the Commission's consideration?**  
10 A. Yes, that is my understanding.  
11 **Q. Okay.**  
12 **So you acknowledge that over time, over**  
13 **the last several years, there has been an evolution**  
14 **and refinement of Avista's AMI plan, correct?**  
15 A. (No audible response.)  
16 THE REPORTER: I'm sorry. I didn't hear  
17 an answer.  
18 THE WITNESS: Yes.  
19 **Q. BY MR. MEYER: Thank you.**  
20 **So do you consider Avista's most current**  
21 **AMI plan a formal plan or proposal?**  
22 A. I do consider it a formal plan of what  
23 Avista wishes to do with its AMI system.  
24 **Q. All right. Thank you.**  
25 **Now, are you familiar with the recent**

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1 **rate order in the PSE case?**  
2 A. I am.  
3 **Q. And I don't expect you to have this in**  
4 **front of you, but I'll read just a clause or two from**  
5 **that order at Paragraph 155, and you can accept this,**  
6 **if you will, subject to check.**  
7 "The company" -- quote/unquote, "The  
8 company," representing PSE, "represented at hearing  
9 that it is planning to pursue additional benefits, but  
10 it has yet to put forth any formal plan or proposal."  
11 I'll stop there.  
12 **Do you recall that language?**  
13 A. I do recall that being part of the  
14 Commission's language, yes.  
15 **Q. All right.**  
16 **Then the Commission also in that order,**  
17 **if you recall, challenged Puget for not having**  
18 **developed testimony and support around so-called six**  
19 **use cases; am I correct?**  
20 A. Correct.  
21 **Q. And was that a basis for its decision, as**  
22 **best you recall?**  
23 A. Yes.  
24 **Q. All right.**  
25 **I'd like you now to turn to**

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1 **Exhibit JDD-2R, which we talked about. That's the**  
2 **most recent revised plan of Avista. And turn to**  
3 **Page 4 of that, if you will.**  
4 A. Okay. I'm there.  
5 **Q. Are you there?**  
6 A. Yes.  
7 **Q. Okay.**  
8 **Now, in the table that appears at the**  
9 **bottom of Page 4 of that exhibit, continuing on to the**  
10 **top of Page 5, is it correct that Avista has**  
11 **identified each of those use cases and posited**  
12 **benefits to be derived from each one of those?**  
13 A. While that is correct that Avista has  
14 discussed each of those use cases, part of what I  
15 analyzed in my testimony is the basis for which they  
16 came up with those estimations. I don't agree with  
17 the estimations.  
18 **Q. Okay. I understand.**  
19 **So did the Commission in the Puget order**  
20 **also recognize that the -- Puget's AMI program was not**  
21 **expected to be operational until 2022 or 2023?**  
22 A. That's my understanding, yes.  
23 **Q. I'm sorry, I did not catch that.**  
24 A. Yes.  
25 THE REPORTER: I'm sorry. You're fading

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1 out again.  
2 THE WITNESS: Sorry.  
3 That is my understanding of their  
4 program.  
5 **Q. BY MR. MEYER: All right. Thank you.**  
6 **Now, at the time you filed your response**  
7 **testimony --**  
8 **That was in April, wasn't it?**  
9 A. Correct.  
10 **Q. Okay.**  
11 **-- had the parties come to terms on a**  
12 **settlement calling for Avista to establish a pilot**  
13 **time-of-use program?**  
14 A. I can't recall the timing of the  
15 settlement exactly off the top of my head, but that  
16 was included in the settlement.  
17 **Q. Thank you.**  
18 **And didn't you note, though, in your**  
19 **answering testimony that you did file, that should**  
20 **time-of-use rates be adopted, that that could be**  
21 **perhaps, in your words, the second-most significant**  
22 **benefit to be derived from AMI?**  
23 A. It is what research suggests, yes.  
24 **Q. And didn't you put a number of 58 million**  
25 **to that in terms of potential benefits from time of**

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1 **use? Isn't that number in your testimony?**  
 2 A. I'm just double-checking my testimony.  
 3 **Q. And I can refer you to Page --**  
 4 **No, I can't help you on that.**  
 5 **I can find it if I need to, but I'm**  
 6 **hoping you can get to there quicker.**  
 7 **Would you accept that subject to check**  
 8 **and we can move on?**  
 9 A. Subject to check, yes.  
 10 **Q. Okay.**  
 11 **Now, when you arrived at your positive**  
 12 **net benefit calculation of 1.1 to 1 --**  
 13 **And that was a positive net benefit,**  
 14 **correct?**  
 15 A. Posited?  
 16 **Q. Positive.**  
 17 A. Positive, yes. Assuming that Avista  
 18 achieves all of its other estimates.  
 19 **Q. Okay.**  
 20 **So we were on the -- to put it simply, at**  
 21 **that -- even under your analysis, on the plus side of**  
 22 **the equation; is that right?**  
 23 A. Numbers and estimates, correct.  
 24 **Q. And even that calculation of 1.1 to 1 did**  
 25 **not include \$58 million of additional benefit that**

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1 **would come from time of use, correct?**  
 2 A. That may come from time of use.  
 3 **Q. I'm sorry, I missed that.**  
 4 A. That may come from time of use.  
 5 **Q. No, my --**  
 6 **Yeah, okay. It's correct that your 1.1**  
 7 **to 1 ratio did not include any assumption about**  
 8 **\$58 million of additional time-of-use benefits,**  
 9 **correct?**  
 10 A. Correct.  
 11 **Q. Okay. Thank you.**  
 12 **Now, would these \$58 million of assumed**  
 13 **time-of-use benefits be at all possible without AMI?**  
 14 A. No.  
 15 **Q. I'm sorry. I still can't hear you.**  
 16 A. I don't believe so, no.  
 17 MR. MEYER: That's all I have. Thank you  
 18 very much for your testimony.  
 19 JUDGE O'CONNELL: Okay.  
 20 Ms. Suetake, if you can turn your video  
 21 on, if you have any redirect.  
 22 MS. SUETAKE: One second. I'm sorry, I'm  
 23 just looking at my notes.  
 24 JUDGE O'CONNELL: And, Mr. Meyer, you can  
 25 mute your microphone while you're not talking. Thank

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1 you.  
 2 MS. SUETAKE: Your Honor, I do not have  
 3 any redirect.  
 4 JUDGE O'CONNELL: Okay.  
 5 Let me ask the Commissioners if they have  
 6 questions for Ms. Bauman or if her testimony sparked  
 7 any additional questions.  
 8 MR. DANNER: I have no questions, Your  
 9 Honor.  
 10 MS. RENDAHL: And I have no questions,  
 11 either.  
 12 JUDGE O'CONNELL: Okay.  
 13 Seeing that there are no bench questions,  
 14 Ms. Bauman, thank you for your testimony today, and  
 15 you can be excused.  
 16 Let's take a moment to ask Puget Counsel  
 17 witnesses Alvarez and Stephens to turn on their  
 18 cameras and be prepared to testify.  
 19 Now, I see Mr. Alvarez. We also have  
 20 some --  
 21 Ms. Suetake?  
 22 MR. STEPHENS: I'm here and I can see my  
 23 video. I don't know why you're not.  
 24 JUDGE O'CONNELL: We can see you and hear  
 25 you, Mr. Alvarez.

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1 MR. STEPHENS: Oh. I'm sorry. Is my --  
 2 this is Dennis Stephens. Am I under Alvarez's name,  
 3 perhaps?  
 4 JUDGE O'CONNELL: Yes.  
 5 Will we be having a second witness  
 6 joining Mr. Stephens?  
 7 MS. SUETAKE: Mr. Alvarez is also on the  
 8 line, and I can see his video.  
 9 I can't see Mr. Stephens but I can see  
 10 Mr. Alvarez.  
 11 I think there's something frozen with  
 12 Ms. Bauman's -- she's turned hers off. We've asked  
 13 her.  
 14 MR. ALVAREZ: Can you see me now?  
 15 MS. SUETAKE: Yes, we can see you now.  
 16 JUDGE O'CONNELL: One moment.  
 17 It's possible I'm the only one, but I do  
 18 not see either Stephens or Alvarez on my screen. I do  
 19 have a frozen Ms. Bauman.  
 20 MR. STEPHENS: I see her too.  
 21 JUDGE O'CONNELL: What I see on my  
 22 screen, at least, is that, Mr. Stephens, you are  
 23 identified in your -- the name for your video as  
 24 P Alvarez. I do not see your face or your video but I  
 25 can hear you.

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<p>1 And, Mr. Alvarez, if you are on the 2 telephone, I can hear you but I cannot see you. 3 MR. ALVAREZ: I am participating via 4 Microsoft Teams, and I can see myself. 5 JUDGE O'CONNELL: Let's just pause one 6 moment. 7 THE REPORTER: Your Honor, can we go off 8 the record for this, please? 9 JUDGE O'CONNELL: Yes. Thank you, 10 Mr. Cook. We'll be off the record for a moment. 11 Thank you. 12 (Discussion off the record.) 13 JUDGE O'CONNELL: Let's go back on the 14 record. 15 The time is approximately 12:40 p.m., and 16 we've had a brief moment resolving certain technical 17 issues. We are going to proceed. 18 I can see both witnesses, Mr. Stephens 19 and Mr. Alvarez. Mr. Meyer and Ms. Suetake, all three 20 Commissioners have turned off their cameras, which 21 seems to afford us the possibility to see both 22 witnesses. 23 At this point Ms. Suetake has stated that 24 she's willing to go forward with only being able to 25 see one of her witnesses.</p>	<p>1 appearing today? 2 THE WITNESS: I'm appearing on behalf of 3 Public Counsel. 4 MS. SUETAKE: And, Mr. Stephens, could 5 you please state your name and spell it for the 6 record, please. 7 MR. STEPHENS: My name is Dennis 8 Stephens. It's spelled S-t-e-p-h-e-n-s. 9 MS. SUETAKE: And what is your place of 10 employment? 11 MR. STEPHENS: It's DS Consulting. 12 MS. SUETAKE: And what is your occupation 13 at DS Consulting? 14 MR. STEPHENS: I am a technical 15 consultant to Wired Group. 16 MS. SUETAKE: And on whose behalf are you 17 appearing today? 18 MR. STEPHENS: Public Counsel's. 19 MS. SUETAKE: Thank you. 20 Mr. Stephens and Mr. Alvarez are 21 available for cross-examination. 22 JUDGE O'CONNELL: Thank you, Ms. Suetake. 23 You can turn off your camera until you 24 want to be heard. 25 Mr. Meyer, you may proceed with</p>
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<p>1 So with that, I'd like to turn it to 2 Ms. Suetake to introduce her witnesses. 3 MS. SUETAKE: Your Honor, have they been 4 sworn in? 5 JUDGE O'CONNELL: Oh. Thank you very 6 much. 7 Mr. Stephens, Mr. Alvarez, where you are, 8 please raise your right hand. 9 (Witnesses sworn) 10 JUDGE O'CONNELL: Thank you very much. 11 You can put your hands down. 12 Thank you, Ms. Suetake. Now I will turn 13 it over to you. 14 MS. SUETAKE: Mr. Alvarez, could you 15 please state your name and place of employment. 16 MR. ALVAREZ: Paul Alvarez, Wired Group. 17 MS. SUETAKE: And could you please spell 18 your last name for the record. 19 MR. ALVAREZ: A-l-v, as in Victor, 20 -a-r-e-z. 21 MS. SUETAKE: And what is your occupation 22 at the Wired Group? 23 MR. ALVAREZ: I'm the president of the 24 Wired Group. 25 MS. SUETAKE: And on whose behalf are you</p>	<p>1 cross-examination. 2 MR. MEYER: Thank you, Your Honor. 3 4 CROSS-EXAMINATION 5 BY MR. MEYER: 6 <b>Q. And good afternoon, gentlemen.</b> 7 A. (BY MR. ALVAREZ): Good afternoon. 8 A. (BY MR. STEPHENS): Good afternoon. 9 <b>Q. So I am going to put some questions to</b> 10 <b>you collectively, and I'm not going to address them to</b> 11 <b>one or the other, so you'll have to decide who is</b> 12 <b>going to answer them.</b> 13 <b>So I'd like to cover two areas. The</b> 14 <b>first is wildfire mitigation, and the second has to do</b> 15 <b>with your testimony on grid modernization and</b> 16 <b>substation rebuilds.</b> 17 <b>So we understand the context for this and</b> 18 <b>what's at stake. I'd first like to ask if you</b> 19 <b>understand what the impact of your proposal for grid</b> 20 <b>modernization and substations combined -- what the</b> 21 <b>impact of that would be on a rate base. Would it be</b> 22 <b>reduction of \$23 million?</b> 23 A. (BY MR. ALVAREZ): This is Mr. Alvarez. 24 I believe that's about right, yes. 25 <b>Q. And would that number -- that \$23 million</b></p>

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1 **be essentially -- not essentially. It would be a**  
 2 **write-off on the company's books should the Commission**  
 3 **accept your recommendation?**  
 4 A. (BY MR. ALVAREZ): That's our  
 5 understanding.  
 6 **Q. All right.**  
 7 **And you can imagine that this matters to**  
 8 **the company, correct?**  
 9 A. (BY MR. ALVAREZ): Of course.  
 10 **Q. And with respect to wildfire -- with**  
 11 **respect to wildfire mitigation, are you proposing to**  
 12 **review from rate base or capital in this case capital**  
 13 **of 11 and a half million dollar?**  
 14 A. (BY MR. ALVAREZ): Yes. Mr. Alvarez  
 15 speaking.  
 16 **Q. Thank you.**  
 17 **And, again, is that a significant amount,**  
 18 **11 and a half million?**  
 19 A. (BY MR. ALVAREZ): Yes, certainly.  
 20 **Q. All right.**  
 21 **Now, would you agree that any wildfire**  
 22 **mitigation plan should be tailored to the unique**  
 23 **conditions and circumstances of the service territory?**  
 24 A. (BY MR. STEPHENS): This is Mr. Stephens,  
 25 and, yes, that's true.

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1 **Q. Thank you.**  
 2 **Now, when was the last time either of you**  
 3 **visited Spokane, Washington?**  
 4 A. (BY MR. STEPHENS): This is Dennis  
 5 Stephens. I have never visited Spokane, Washington.  
 6 A. (BY MR. ALVAREZ): And Mr. Alvarez. It's  
 7 been about a decade, I imagine.  
 8 **Q. All right.**  
 9 **And, Mr. Alvarez, you were here once.**  
 10 **Was that visit confined just to the Spokane area, or**  
 11 **did you get out and about in our --**  
 12 MS. SUETAKE: Your Honor, I object. I'm  
 13 questioning the relevance of this.  
 14 JUDGE O'CONNELL: Mr. Meyer, can you  
 15 please explain.  
 16 MR. MEYER: Sure. This goes to the very  
 17 basic credibility of these witnesses. If a wildfire  
 18 plan depends on their understanding of the unique  
 19 circumstances of the service territory, I'm inquiring  
 20 as to whether they have any understanding of those  
 21 unique circumstances. It's just that simple.  
 22 JUDGE O'CONNELL: Well, I think that,  
 23 Ms. Suetake, your objection will be overruled, but,  
 24 Mr. Meyer, I'd like to ask that you rephrase your  
 25 question to get that information, instead of whether

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1 they visited, because I'm not sure -- or you should  
 2 ask why they should need to visit.  
 3 Go ahead.  
 4 MR. MEYER: I'll rephrase it more  
 5 directly. Thank you.  
 6 **Q. Given your visit, Mr. Alvarez, of 10**  
 7 **years to go to the Spokane service territory, do you**  
 8 **feel you have a sufficient understanding of the unique**  
 9 **circumstances affecting the service territory when it**  
 10 **comes to wildfire mitigation?**  
 11 A. (BY MR. ALVAREZ): I have a general  
 12 understanding of the topography, the forestry, the  
 13 rural versus urban nature. I did spend some time in  
 14 the suburbs and the rural areas around Spokane fishing  
 15 and so forth, so I feel like I have a -- a limited  
 16 knowledge of the service territories, geography and  
 17 topography and so forth.  
 18 A. (BY MR. STEPHENS): This is Dennis  
 19 Stephens. Could I respond to that question?  
 20 JUDGE O'CONNELL: Yes, Mr. Stephens.  
 21 MR. MEYER: Surely.  
 22 A. (BY MR. STEPHENS): So when I said that  
 23 it depended on a geographic area, I was referring to  
 24 the difference between urban, rural, nonforested  
 25 areas, and forested areas, which all of those -- all

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1 of those areas I am familiar with.  
 2 So when I say, yes, it depends on a  
 3 geographic area, I'm talking about what kind of --  
 4 what the geography is in that area, not a specific  
 5 area like Spokane.  
 6 I personally live in Evergreen, Colorado,  
 7 and it's the number one highest rated fire area in  
 8 Colorado and number five in the nation. So I'm very  
 9 familiar with forested areas and the issues associated  
 10 with wildfire.  
 11 **Q. BY MR. MEYER: Well, I can't let that go.**  
 12 **Do you know that your experience where**  
 13 **you live mirrors that of Spokane and the vicinity?**  
 14 A. (BY MR. STEPHENS): I -- I assume it  
 15 does. I mean, it's a forested area, and this is a  
 16 forested area, so it's very similar.  
 17 **Q. Okay.**  
 18 **Let's move on.**  
 19 **Assuming you're trying to address**  
 20 **wildfire mitigation in an area of -- let's say rolling**  
 21 **hills and prairie land and -- but with no real forest**  
 22 **cover, would your grid-hardening and bench management**  
 23 **approach be different than if you were trying to**  
 24 **address a heavily forested area?**  
 25 A. (BY MR. STEPHENS): I'm sorry, you're

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1 saying -- are you comparing a nonforested area to a  
 2 forested area?  
 3 **Q. Correct.**  
 4 A. (BY MR. STEPHENS): Yes, there's a  
 5 difference.  
 6 **Q. Sure.**  
 7 **And you'd use different approaches,**  
 8 **correct?**  
 9 A. (BY MR. STEPHENS): Yes, that's true. We  
 10 would -- this is Dennis Stephens, and we would use  
 11 different approaches, right.  
 12 **Q. So even though what I'm going to**  
 13 **characterize at best is only a passing familiarity**  
 14 **with our service territory, that didn't stop you from**  
 15 **making some very specific recommendations concerning**  
 16 **our wildfire plan, correct?**  
 17 A. (BY MR. STEPHENS): I made some  
 18 recommendations with regard to your wildfire plan,  
 19 that's correct.  
 20 **Q. With the bite to that -- 11 and a half**  
 21 **million dollars of bite in terms of disallowed**  
 22 **capital, correct?**  
 23 A. (BY MR. STEPHENS): That would be your  
 24 term, "bite." All I did was look at the -- the data  
 25 that you used to justify those, and I not find

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1 adequate justification for those expenditures.  
 2 **Q. All right.**  
 3 **Let's move on now to the grid**  
 4 **modernization and substation rebuild.**  
 5 **Again, let's add some context for this.**  
 6 **Is it true that the effect of your proposal on grid**  
 7 **modernization and substations would be to remove**  
 8 **\$23 million of capital? And I think you said it would**  
 9 **be, correct?**  
 10 A. (BY MR. ALVAREZ): This is Mr. Alvarez.  
 11 Correct, that is our testimony.  
 12 **Q. Now, your firm is -- Mr. Alvarez, I**  
 13 **believe it's called Wired, Inc., or -- do I have that**  
 14 **right?**  
 15 A. (BY MR. ALVAREZ): Wired Group.  
 16 **Q. So when Wired Group takes on**  
 17 **engagements -- consulting engagements due to grid**  
 18 **modernization, do you first familiarize yourself with**  
 19 **the distribution existing --**  
 20 MS. SUETAKE: I'm sorry, Your Honor.  
 21 JUDGE O'CONNELL: One moment.  
 22 If everyone can please mute your  
 23 microphone except for Mr. Meyer, Mr. Alvarez,  
 24 Mr. Stephens.  
 25 Mr. Meyer, I'm going to ask that you

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1 repeat your last question, and I am curious,  
 2 Mr. Meyer, if there's perhaps two microphones that  
 3 might be on near you.  
 4 A. (BY MR. STEPHENS): This is Dennis  
 5 Stephens. That was my phone that just went off, and I  
 6 turned it off, so I -- that might have been part of  
 7 the problem.  
 8 JUDGE O'CONNELL: Thank you.  
 9 Mr. Meyer, please repeat your question.  
 10 MR. MEYER: Sure. Surely.  
 11 **Q. So when you take on an engagement as a**  
 12 **consulting firm, does it make sense to first**  
 13 **familiarize yourself with the distribution system**  
 14 **being studied?**  
 15 A. (BY MR. ALVAREZ): Certainly.  
 16 **Q. And you would want to know before making**  
 17 **any recommendations things like the age of the system,**  
 18 **the type of area being served, whether it's rural or**  
 19 **urban, the topography, levels of built-in redundancy,**  
 20 **things like that, correct?**  
 21 A. (BY MR. ALVAREZ): That's -- that's what  
 22 we attempted to do through the discovery process.  
 23 **Q. Okay.**  
 24 **So --**  
 25 A. (BY MR. STEPHENS): This is Dennis

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1 Stephens. I've worked in the utility industry for 40  
 2 years, and I've looked at a lot of systems, and most  
 3 of them are very similar given whether they're urban  
 4 or rural or forested areas. So we do try to make  
 5 ourselves familiar with any concerns that pertain to  
 6 our analysis, but we don't do a site visit, we don't  
 7 do a detailed discovery on every aspect of the system,  
 8 because I have a lot of familiarity with all the  
 9 systems without having to do that specific review.  
 10 JUDGE O'CONNELL: This is Judge  
 11 O'Connell. I want to -- I'm having trouble following  
 12 this so I want to make sure that we're a little bit  
 13 more organized.  
 14 I understand this is difficult, having  
 15 two witnesses, Mr. Meyer. I'd like to have you ask  
 16 your question, Mr. Meyer, and then we will allow  
 17 Mr. Alvarez and Mr. Stephens a chance to respond  
 18 before you ask your next question. Okay?  
 19 MR. MEYER: Thank you.  
 20 JUDGE O'CONNELL: Let's go to your next  
 21 question, Mr. Meyer, and we'll start always with  
 22 Mr. Alvarez, and then we'll hear from Mr. Stephens.  
 23 MR. MEYER: That's helpful. Thank you.  
 24 **Q. So let's explore your working assumption**  
 25 **that all systems are pretty much the same. Let's use**

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1 **redundancy --**  
 2 MS. SUETAKE: Objection, Your Honor.  
 3 That was a characterization of my -- of what my  
 4 witnesses said.  
 5 MR. MEYER: I'll rephrase it.  
 6 JUDGE O'CONNELL: Please.  
 7 **Q. BY MR. MEYER: Let's explore the level of**  
 8 **redundancy in Avista's system, and with respect to**  
 9 **substations in particular.**  
 10 **And I'm going to first direct you to your**  
 11 **own testimony at Page 40, Lines 7 through 11.**  
 12 **And I will read this aloud, and if I**  
 13 **misspeak, please correct me. Quote --**  
 14 A. (BY MR. STEPHENS): Give us some time to  
 15 get there, please.  
 16 **Q. Sure.**  
 17 A. (BY MR. STEPHENS): Okay, 40 -- Page 40,  
 18 Lines 7 through 11?  
 19 **Q. Yes, please.**  
 20 A. (BY MR. STEPHENS): Okay, I'm there.  
 21 **Q. Mr. Alvarez, are you there?**  
 22 A. (BY MR. ALVAREZ): I am.  
 23 **Q. So I'll read it aloud. "All utilities**  
 24 **assign substations with full redundancy, called N-1**  
 25 **design. In an N-1 design, each substation is designed**

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1 **to accommodate the loads of adjacent substations**  
 2 **should one of those adjacent substations fail. Thus,**  
 3 **the failure of a piece of equipment and, hence, its**  
 4 **availability risk, does not necessarily result in a**  
 5 **service outage for customers," end of quote.**  
 6 **Have I read that accurately?**  
 7 A. (BY MR. ALVAREZ): You have.  
 8 A. (BY MR. STEPHENS): You have.  
 9 **Q. So there's a lot to unpack there. Let's**  
 10 **begin with this notion of N-1 design for substations.**  
 11 **Is N-1 a NERC requirement for system**  
 12 **planning?**  
 13 A. (BY MR. ALVAREZ): I do not know that.  
 14 Dennis?  
 15 A. (BY MR. STEPHENS): I don't know that it  
 16 is. I mean, they do have N-1 but they also have N-2  
 17 requirements. But we are talking about distribution  
 18 here, and most utilities use an N-1 for distribution.  
 19 **Q. So N-1, would you agree, is a NERC**  
 20 **requirement, if you know, related to the bulk**  
 21 **transmission system, not the distribution system,**  
 22 **correct?**  
 23 A. (BY MR. STEPHENS): No. I mean, it's  
 24 typical for utilities to use N-1 independent of NERC  
 25 requirements.

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1 **Q. For distribution.**  
 2 A. (BY MR. STEPHENS): For distribution.  
 3 **Q. Okay.**  
 4 **And elsewhere you say that -- and this is**  
 5 **on Page 51.**  
 6 **Why don't you go to that now.**  
 7 A. (BY MR. ALVAREZ): Okay.  
 8 **Q. And your Footnote 58.**  
 9 A. (BY MR. STEPHENS): Hang on just a  
 10 second.  
 11 Okay, I'm on Page 51.  
 12 **Q. Mr. Alvarez?**  
 13 A. (BY MR. ALVAREZ): I am. Thank you.  
 14 **Q. Note 58, please.**  
 15 **Again, I'm going to read this aloud, and**  
 16 **I'll just read the last sentence of this footnote.**  
 17 **"With this redundancy design, also known as the N-1**  
 18 **design, a substation will continue to operate even if**  
 19 **one of its two supply lines is lost. Redundance, N-1**  
 20 **design of subtransmission (substation) networks is**  
 21 **standard industry practice."**  
 22 **Is that your testimony?**  
 23 A. (BY MR. ALVAREZ): Yes.  
 24 A. (BY MR. STEPHENS): Yes.  
 25 **Q. Show me where in your testimony you**

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1 **produced evidence that this planning criteria is**  
 2 **standard utility practice.**  
 3 A. (BY MR. STEPHENS): This is  
 4 Mr. Stephens --  
 5 I'm sorry?  
 6 **Q. I did not see it so please help me find**  
 7 **it.**  
 8 A. (BY MR. STEPHENS): It's not there. This  
 9 is Mr. Stephens. That is based on my 40 years of  
 10 experience in the utility industry, and knowing that  
 11 every utility uses this approach on their distribution  
 12 systems. There is no reference other than that.  
 13 **Q. So you know that to be true?**  
 14 A. (BY MR. STEPHENS): Yes.  
 15 **Q. And have you specifically examined even**  
 16 **the sister utilities in this jurisdiction, Puget Sound**  
 17 **Energy or PacifiCorp?**  
 18 A. (BY MR. STEPHENS): No.  
 19 **Q. So you haven't.**  
 20 A. (BY MR. STEPHENS): No.  
 21 **Q. What about Idaho Power?**  
 22 A. (BY MR. STEPHENS): No.  
 23 **Q. Do you know?**  
 24 A. (BY MR. STEPHENS): I have not  
 25 specifically -- I have not specifically analyzed



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1 those, no.  
 2 **Q. Okay.**  
 3 **So now let's turn to substations, and**  
 4 **this is your own cross-examination exhibit that was**  
 5 **used yesterday with respect to some Avista witnesses,**  
 6 **and so it may not be in front of you, but hopefully**  
 7 **you can -- you've been provided with it. And this is**  
 8 **Cross Exhibit JD/LL-9X.**  
 9 **Do you have that or --**  
 10 **I'll give you time to get to it.**  
 11 MS. SUETAKE: Hold on, Your Honor. I  
 12 was -- Your Honor, I was not informed that these would  
 13 be used for cross-examination of these witnesses.  
 14 JUDGE O'CONNELL: One moment.  
 15 Mr. Meyer, go ahead.  
 16 MR. MEYER: Your Honor, she put this into  
 17 evidence as a cross-examination exhibit. Therefore,  
 18 I'm entitled to rely on this as a piece of the record  
 19 for purposes of this cross-examination.  
 20 JUDGE O'CONNELL: Go ahead, Ms. Suetake.  
 21 MS. SUETAKE: I was just going to ask if  
 22 I could have a moment to make sure my witnesses had  
 23 this before he launched into questions.  
 24 A. (BY MR. STEPHENS): This is Mr. Stephens.  
 25 I do not have this.

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1 JUDGE O'CONNELL: So what I'm hearing is  
 2 that there isn't an objection to the exhibit but that  
 3 we need to make sure the witnesses have it in front of  
 4 them.  
 5 MS. SUETAKE: Yes, correct, Your Honor.  
 6 JUDGE O'CONNELL: Okay.  
 7 Mr. Meyer, if you are okay, let's take a  
 8 moment to make sure the witnesses can see what you're  
 9 going to ask them about.  
 10 MR. MEYER: All right.  
 11 MS. SUETAKE: Could you please repeat the  
 12 cross exhibit number.  
 13 MR. MEYER: It is JD/LL-9X.  
 14 MS. SUETAKE: If you could please give me  
 15 a moment to make sure I can get that to them.  
 16 MR. MEYER: Sure.  
 17 JUDGE O'CONNELL: Mr. Cook, let's be off  
 18 the record.  
 19 THE REPORTER: Very good.  
 20 (Discussion off the record.)  
 21 JUDGE O'CONNELL: Mr. Cook, let's be back  
 22 on the record.  
 23 The Cross Exhibit JD/LL-9X has been  
 24 provided to both witnesses, and, Mr. Meyer, you can  
 25 continue now with your cross-examination.

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1 MR. MEYER: Thank you.  
 2 **Q. At the outset of this line of**  
 3 **questioning, I had read a portion of your testimony**  
 4 **from Page 40. I won't reread that again, other than**  
 5 **to say it began with the statement, "All utilities**  
 6 **designed substations with full redundancy."**  
 7 **So that is your working assumption,**  
 8 **correct?**  
 9 A. (BY MR. STEPHENS): Yes.  
 10 **Q. All right.**  
 11 **So let's explore that. Would you now**  
 12 **turn to the exhibit that you were provided --**  
 13 **And thank you, Counsel, for forwarding**  
 14 **that.**  
 15 A. (BY MR. STEPHENS): So let me -- can I  
 16 qualify my answer there, please?  
 17 **Q. Sure.**  
 18 A. (BY MR. STEPHENS): So when I say --  
 19 JUDGE O'CONNELL: Let me stop you right  
 20 there, Mr. Stephens.  
 21 A. (BY MR. STEPHENS): Okay.  
 22 JUDGE O'CONNELL: Mr. Meyer only asked if  
 23 that was your testimony.  
 24 A. (BY MR. STEPHENS): Okay. Okay.  
 25 JUDGE O'CONNELL: Thank you.

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1 Now, Mr. Meyer is going to ask you  
 2 something related to that statement regarding this  
 3 exhibit, so I do think you are going to have an  
 4 opportunity to explain.  
 5 A. (BY MR. STEPHENS): Okay. Thank you.  
 6 JUDGE O'CONNELL: You can wait for that  
 7 question.  
 8 And first we're going to hear from  
 9 Mr. Alvarez, if he has any testimony, then we will  
 10 hear from Mr. Stephens.  
 11 Mr. Meyer, go ahead.  
 12 MR. MEYER: Thank you.  
 13 **Q. So now let's turn to Exhibit -- to Cross**  
 14 **Exhibit JD/LL-9X, and I'm told you have it, provided**  
 15 **by your counsel. Thank you.**  
 16 **And would you turn to the bottom of**  
 17 **Page 2 of that exhibit. Let me know when you're**  
 18 **there.**  
 19 A. (BY MR. STEPHENS): I am there.  
 20 A. (BY MR. ALVAREZ): Yes, I'm there.  
 21 **Q. Okay.**  
 22 **And this was a response prepared by**  
 23 **Avista, correct?**  
 24 A. (BY MR. ALVAREZ): Correct.  
 25 A. (BY MR. STEPHENS): I don't know, so --

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1 **Q. All right.**  
 2 **Well, the exhibit speaks for itself so --**  
 3 A. (BY MR. STEPHENS): Okay.  
 4 **Q. I'm going to quote the last paragraph, or**  
 5 **at least a portion of it. "Results of these**  
 6 **classifications described above are summarized in the**  
 7 **table below. Of particular import, Avista has no**  
 8 **distribution substations in its Washington service**  
 9 **territory that are capable of being offloaded 100% of**  
 10 **the time."**  
 11 **Do you see that?**  
 12 A. (BY MR. ALVAREZ): Yes.  
 13 A. (BY MR. STEPHENS): Yes.  
 14 **Q. Down below -- and you perhaps weren't**  
 15 **with us on Wednesday during the hearing, but there was**  
 16 **some discussion about the table just below that**  
 17 **paragraph, where there's a reference to percentages of**  
 18 **interconnectedness. And the number of 55 percent**  
 19 **appears there, presumably being fully interconnected,**  
 20 **correct?**  
 21 A. (BY MR. STEPHENS): That's correct. I  
 22 haven't added them all up but I will assume that  
 23 that's correct.  
 24 **Q. All right.**  
 25 **Now, would you turn to the accompanying**

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1 **spreadsheet that appears at Page 4 of 5 of this**  
 2 **exhibit.**  
 3 A. (BY MR. STEPHENS): Okay, I'm there.  
 4 A. (BY MR. ALVAREZ): I'm there.  
 5 **Q. All right.**  
 6 **So on the far right-hand column, do you**  
 7 **see a title of "Full or Partial Load Offload**  
 8 **Capabilities"? Do you see that?**  
 9 A. (BY MR. ALVAREZ): Yes.  
 10 A. (BY MR. STEPHENS): Yes.  
 11 **Q. And so for each of the identified**  
 12 **substations, each one is characterized as being full**  
 13 **or not interconnected, but do you see any of what are**  
 14 **characterized as full offload capabilities that don't**  
 15 **also have seasonal constraints affecting them?**  
 16 A. (BY MR. STEPHENS): I don't see any that  
 17 says that, no.  
 18 A. (BY MR. ALVAREZ): I do not.  
 19 **Q. All right.**  
 20 **So you have no reason to disagree with**  
 21 **the statement on the previous page that Avista has no**  
 22 **distribution substations that are capable of being**  
 23 **offloaded 100 percent of the time, do you? No reason**  
 24 **to disagree with that.**  
 25 A. (BY MR. STEPHENS): Seasonal

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1 constraints -- this is Dennis Stephens. Seasonal  
 2 constraints does not mean that it cannot be fully  
 3 offloaded. Seasonal constraints means that there  
 4 might be seasonal constraints or there might be  
 5 something that causes a problem, but it does not  
 6 indicate that they do not have full backup.  
 7 And, in fact, if they don't have full  
 8 backup, then they should be providing the capacity to  
 9 make sure that they have that capacity in all seasons.  
 10 **Q. So are you advocating that the Commission**  
 11 **require the company to invest at ratepayer expense in**  
 12 **the full redundancy of its substations?**  
 13 A. (BY MR. STEPHENS): Only -- only in those  
 14 areas where it -- where it seems most appropriate,  
 15 like in urban areas.  
 16 **Q. Do you know what the cost for that would**  
 17 **be?**  
 18 A. (BY MR. STEPHENS): I do not. I --  
 19 that's -- this is what's -- why we have a utility, and  
 20 they're -- the utility company is supposed to do these  
 21 diagnostics to understand and cost justify the  
 22 installation of new equipment based on its value to  
 23 ratepayers.  
 24 In other words, they should be making  
 25 investments that the cost is greater than the value to

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1 the customers, and that's my argument in all of my  
 2 testimony and it's my argument here.  
 3 **Q. Well, so you do truly appreciate that**  
 4 **it's up to the utility to do the engineering**  
 5 **analysis -- up to the utility itself to do the**  
 6 **engineering analysis and make the right decisions,**  
 7 **correct?**  
 8 A. (BY MR. STEPHENS): I think it's -- if  
 9 they're doing appropriate analysis, then I agree.  
 10 **Q. Okay.**  
 11 **So now, closing the loop here, so if none**  
 12 **of Avista's distributions substations are fully**  
 13 **redundant but there was a need for a repair or**  
 14 **replacement of parts in that substation and it's taken**  
 15 **out of service, is there any guarantee that customers**  
 16 **would have continuing service from a different**  
 17 **substation?**  
 18 A. (BY MR. STEPHENS): I think you're going  
 19 to have to ask that question again.  
 20 **Q. Sure.**  
 21 **If there was a need for repair or**  
 22 **replacement of a substation that Avista would have to**  
 23 **then, because of that, take it out of service, would**  
 24 **there be issues with service continuity because a**  
 25 **substation was not redundant?**

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1 A. (BY MR. STEPHENS): Well, it depends,  
 2 again, on what is driving the need for the  
 3 replacement. Generally if you're doing this  
 4 appropriately, you're testing those -- that substation  
 5 equipment, transformers, breakers, such, and you're  
 6 deciding when a -- when those pieces of equipment need  
 7 to be replaced, and you can replace them in off-peak  
 8 times so that you minimize the impacts to customers.  
 9 The other thing that you need to take  
 10 into account is the number of customers affected.  
 11 Obviously, if you're talking about a really small  
 12 substation or even distribution transformers, the  
 13 number of customers is small, and so then you can take  
 14 the outage and do the repair or the replacement.  
 15 Again, it just comes back to cost  
 16 justification.  
 17 **Q. Let's put this in simpler terms. If**  
 18 **Avista were to adopt your run-to-failure approach,**  
 19 **assuming it doesn't have redundancy, might that lead**  
 20 **to an extended interruption of service?**  
 21 A. (BY MR. STEPHENS): I'm sorry. With  
 22 regard to what specific equipment are you referring  
 23 to?  
 24 Again, a substation is composed of  
 25 several components. I did not recommend run to

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1 failure for power transformers or breakers. And  
 2 that's the major component in a substation.  
 3 Now, if you're talking about the other  
 4 smaller equipment that doesn't have an impact on  
 5 customers, I definitely did recommend run to failure.  
 6 **Q. At the time you filed your testimony**  
 7 **in -- or answering testimony in April of this year,**  
 8 **you assumed that substations were fully redundant. In**  
 9 **fact, I think I read your testimony in that regard,**  
 10 **correct?**  
 11 A. (BY MR. STEPHENS): I did not -- that is  
 12 not correct. I said that the -- that all utilities  
 13 have an N-1 policy for some -- for their transformers,  
 14 and they apply that N-1 appropriately given the cost  
 15 justifications or basically number of customers.  
 16 So I didn't say that they had total  
 17 redundancy for all transformers.  
 18 JUDGE O'CONNELL: Let me stop you both.  
 19 Before we pursue the next question,  
 20 Mr. Stephens, please answer the question when  
 21 Mr. Meyer is done asking it. I know --  
 22 A. (BY MR. STEPHENS): Okay.  
 23 JUDGE O'CONNELL: You're anticipating  
 24 what the question is going to end up being, and I know  
 25 you're eager to answer, but for the sake of having the

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1 question on the record, please wait until he's done  
 2 asking it.  
 3 A. (BY MR. STEPHENS): Yes, Your Honor.  
 4 JUDGE O'CONNELL: Mr. Meyer, please go  
 5 ahead.  
 6 **Q. BY MR. MEYER: Again, I'm just referring**  
 7 **back to your own testimony in April, now that I've**  
 8 **read -- this will be the third time. Quote/unquote,**  
 9 **"All the utilities" -- presumably including Avista --**  
 10 **"design substations with full redundancy." Was that**  
 11 **your testimony?**  
 12 A. (BY MR. STEPHENS): That is, and they do.  
 13 I'm sorry. Are you finished with your  
 14 question?  
 15 **Q. I am.**  
 16 A. (BY MR. STEPHENS): They do. They do  
 17 design substations with full redundancy. Not all  
 18 substations are designed with full redundancy, but  
 19 they do design -- every utility designs substations  
 20 with full redundancy. Not all substations.  
 21 **Q. Is that what Cross Exhibit 9X says about**  
 22 **Avista substation?**  
 23 **We've been through that. They're --**  
 24 **Avista stated that it has no substations that are**  
 25 **fully redundant, at least without some seasonal**

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1 **discontinuity.**  
 2 A. (BY MR. STEPHENS): I'm sorry. I just  
 3 don't --  
 4 MR. MEYER: You disagree with that?  
 5 A. (BY MR. STEPHENS): I disagree with your  
 6 interpretation of them not having full redundancy just  
 7 with seasonal limitations. Seasonal limitations does  
 8 not mean that they don't have full redundancy. It  
 9 just means that they have to take some seasonal --  
 10 there is the possibility that seasonal -- that weather  
 11 can make a difference, but there's still full  
 12 redundancy there. They're designing for N-1 on -- the  
 13 one that says full redundancy with the seasonal --  
 14 with seasonal limitations is a full redundancy N-1  
 15 design.  
 16 **Q. BY MR. MEYER: Okay.**  
 17 A. (BY MR. STEPHENS): That's my testimony.  
 18 **Q. Sure.**  
 19 **And I'm not going to try and put too fine**  
 20 **a point on this, but on the preceding page, what we**  
 21 **have just been talking about is whether, in fact,**  
 22 **there is full redundancy, and there's a percentage**  
 23 **there of 55 percent.**  
 24 **Let's move off that and just talk about**  
 25 **the other percentages there of 21 percent for no**

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1 **interconnection, 25 percent for partial**  
 2 **interconnection. So clearly almost half, one can't**  
 3 **make any argument about full redundancy; is that**  
 4 **correct?**  
 5 A. (BY MR. STEPHENS): That is correct, and  
 6 I'm sure that was designed appropriately based on the  
 7 number of customers that were affected.  
 8 **Q. Okay.**  
 9 **So to finish off here, you filed your**  
 10 **testimony in April of this year, making the -- what I**  
 11 **would characterize as a bold statement that all**  
 12 **utilities have redundancy when it comes to their**  
 13 **substations. Then in the sequence of things, in June**  
 14 **of this year you were provided with the company's**  
 15 **response, which we've been discussing as part of**  
 16 **Exhibit JD/LL-9X, correct?**  
 17 A. (BY MR. STEPHENS): That's what we've  
 18 been discussing, yes, sir.  
 19 **Q. And that came after you filed your**  
 20 **answering testimony in April, correct?**  
 21 A. (BY MR. STEPHENS): I'm sorry. You have  
 22 to understand that I -- I think this is --  
 23 JUDGE O'CONNELL: This is Judge  
 24 O'Connell. One moment.  
 25 Mr. Meyer, please clarify what you mean

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1 by what came after the testimony.  
 2 MR. MEYER: Surely.  
 3 JUDGE O'CONNELL: And it appears as if  
 4 Mr. Alvarez may have a response to your question.  
 5 MR. MEYER: I'll clarify first.  
 6 **Q. I see the date for this particular**  
 7 **response to this particular data request that is the**  
 8 **subject of JD/LL-9X. I see that date as 6-17 of '21,**  
 9 **June 17th of '21.**  
 10 **Do you understand that to be the case?**  
 11 A. (BY MR. ALVAREZ): Yes.  
 12 **Q. Okay.**  
 13 **So you were provided with this**  
 14 **information after you filed the testimony back in**  
 15 **April, correct?**  
 16 A. (BY MR. ALVAREZ): That's correct.  
 17 **Q. And yet you made no attempt to correct**  
 18 **the record in this case when you offered your**  
 19 **testimony, did you?**  
 20 A. (BY MR. ALVAREZ): We found no reason to  
 21 correct the testimony. Mr. -- as Mr. Stephens has  
 22 just testified, the --  
 23 And maybe I should let you do this,  
 24 Mr. Stephens, but Avista does design the majority of  
 25 its substations, and by far the majority of its

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1 customers, with full redundancy. There may be  
 2 seasonal limitations. Those are mights, and does not  
 3 constitute a violation of N-1 design for those  
 4 55 percent of substations.  
 5 So in our view the testimony would not be  
 6 correct.  
 7 Dennis, do you have anything to add to  
 8 that?  
 9 A. (BY MR. STEPHENS): I do not.  
 10 **Q. Last question. Show me where N-1**  
 11 **contingency planning is required for distribution.**  
 12 A. (BY MR. STEPHENS): This is Mr. Stephens,  
 13 and I -- there is no documentation that I know of --  
 14 again, I'm relying on my 40 years of experience, and  
 15 it has been a standard practice at every utility that  
 16 I've ever been associated with.  
 17 MR. MEYER: Thank you.  
 18 That's all I have, Your Honor.  
 19 JUDGE O'CONNELL: Okay.  
 20 I'd like to ask Ms. Suetake, if you have  
 21 any redirect, to please turn on your camera.  
 22 And now that we have a slight pause,  
 23 Mr. Stephens, Mr. Alvarez, we are -- I am hearing a  
 24 little feedback or fuzz. If -- when you are not  
 25 answering a question, when you're just listening, if

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1 you would please click that mute button so that we  
 2 aren't getting that pickup from your microphones.  
 3 Okay. Ms. Suetake, go ahead.  
 4 MS. SUETAKE: I was just going to say, I  
 5 do not have any redirect.  
 6 JUDGE O'CONNELL: Very good.  
 7 Okay. The bench does not have any  
 8 further questions for Mr. Stephens or Mr. Alvarez, so  
 9 thank you both for your testimony this afternoon. You  
 10 both may be excused.  
 11 MR. ALVAREZ: Thank you, Your Honor.  
 12 MR. STEPHENS: Thank you, Your Honor.  
 13 JUDGE O'CONNELL: So that brings us to  
 14 the point where I'd like to ask the attorneys for all  
 15 of the parties to please turn on your video.  
 16 I'm still hearing that fuzz feedback.  
 17 If -- I would ask everyone who is on the Teams  
 18 application to please click that mute microphone  
 19 button.  
 20 The Commissioners, are you able to turn  
 21 back on your cameras?  
 22 We are -- we've concluded the  
 23 cross-examination of witnesses, and all we have left  
 24 to address today, that I know of from my notes, is  
 25 certain procedural steps going forward, and we will

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<p>1 also discuss any procedural things that the parties                  2 have -- need to address.                  3 Okay.                  4 MR. MEYER: I do -- and I don't know if                  5 now is the time to make my customary request.                  6 JUDGE O'CONNELL: Mr. Meyer, before you                  7 make that request, I'm going to address legal briefs                  8 first.                  9 MR. MEYER: That's where I was going.                  10 Thank you.                  11 JUDGE O'CONNELL: And when you hear what                  12 I have to say about that, maybe you will modify your                  13 request. So let me go first, and then you and all the                  14 other attorneys will have a chance to address what I'm                  15 about to say.                  16 Legal briefs are due April -- I'm                  17 sorry -- August 13th. Because no party opposes the                  18 settlement, we -- we would like the parties to know                  19 that we need not address the settlement in your legal                  20 briefs, unless you need to address it as part of                  21 discussing a contested issue.                  22 So because we are removing that                  23 requirement, we would like to limit the pages for                  24 legal briefs to 50 instead of the usual 60 that is                  25 allowed in rule.</p>	<p>1 why don't we -- instead of limiting it to 50, why                  2 don't we increase that to 60, the usual 60, and we                  3 will give you back the 10 pages that we had initially                  4 taken away from you. Will that be satisfactory, at                  5 least?                  6 MR. MEYER: It won't solve my problem,                  7 but I certainly accept that guidance.                  8 JUDGE O'CONNELL: Okay. Then we will                  9 make it 60 pages, as is usually the case, and it will                  10 be for all parties.                  11 Is there anything else that we need to                  12 address today before we adjourn?                  13 MS. SUETAKE: Yes, Your Honor. I do -- I                  14 would like a clarification for Bench Request 3, which                  15 is the public comments exhibit. We normally set a                  16 cutoff date for those comments. Is that today or did                  17 you want a later date, which we can include in if                  18 anything else comes in?                  19 JUDGE O'CONNELL: Yes, the public comment                  20 period is open until the close of the hearing, which                  21 will be today.                  22 MS. SUETAKE: Thank you, Your Honor.                  23 JUDGE O'CONNELL: But just to be clear,                  24 if you receive something by close of business today,                  25 that should be included. Not just the time that we</p>
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<p>1 Now that I say that, I am expecting,                  2 Mr. Meyer, that you might have some thoughts and a                  3 request.                  4 MR. MEYER: Yes. Clearly I'm losing                  5 ground here, not gaining ground.                  6 I was going to ask for 70 pages, and                  7 here's why. There are a lot of --                  8 You know, and I understand if I ask for                  9 it, it should apply to all parties and not just                  10 Avista, so any party could have 70 pages.                  11 And the reason I'm asking for that is, in                  12 the case of Avista, we're in that unenviable position                  13 of having to respond from fire from all sides, if you                  14 will, issues from all sides, and that makes it                  15 difficult to make use of the pages effectively and to                  16 respond to all incoming fire, if you will. So a                  17 modest 10-page increase from 60 to 70 is I think                  18 reasonable. So that is the request.                  19 JUDGE O'CONNELL: I'd like to hear from                  20 the attorneys for the other parties on their opinion                  21 about what they need as far as a page limit, if there                  22 is any request.                  23 Okay. Mr. Meyer, your point is well                  24 taken, and we do understand you have to address                  25 everything. Your request for 10 additional pages --</p>	<p>1 sign off of the proceeding.                  2 MS. SUETAKE: Okay. Understood. Thank                  3 you for that clarification.                  4 JUDGE O'CONNELL: Is there anything else                  5 from the parties?                  6 Okay, I'm seeing nothing.                  7 Let me -- before I adjourn us, let me                  8 double-check. Commissioners, is there anything else                  9 that you need to address before we adjourn?                  10 MS. RENDAHL: No. Thank you very much.                  11 MR. DANNER: No, I don't have anything in                  12 mind.                  13 MR. BALASBAS: None from me, either.                  14 JUDGE O'CONNELL: All right. Well, then                  15 we will conclude today's hearing.                  16 Thank you to all the attorneys and to all                  17 of the witnesses. I know that the hearing wasn't an                  18 easy one, and so thank you to all of you. It is very                  19 much appreciated. And I know all the work that you                  20 put into it. So thank you.                  21 MR. MEYER: Thank you.                  22 MS. SUETAKE: Thank you, Your Honor.                  23 JUDGE O'CONNELL: So with that, we will                  24 adjourn, and we will be off the record. Thank you.                  25</p>

1 (The proceedings were adjourned at  
2 1:28 p.m.)  
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1 CERTIFICATE  
2  
3 STATE OF WASHINGTON )  
4 ) ss.  
5 COUNTY OF KING )  
6  
7 I, Ronald L. Cook, Certified Court  
8 Reporter, Registered Diplomat Reporter and Certified  
9 Realtime Reporter in and for the State of Washington,  
10 do hereby certify that the foregoing proceedings were  
11 taken stenographically by me and transcribed under my  
12 direction.  
13  
14 I further certify that the proceedings as  
15 transcribed are a full, true and correct transcript,  
16 including all objections, motions and exceptions of  
17 counsel, made and taken.  
18  
19 I further certify that I am neither  
20 attorney for nor a relative or employee of any of the  
21 parties to the action; further, that I am not a  
22 relative or employee of any attorney or counsel  
23 employed by the parties hereto, nor financially  
24 interested in its outcome.  
25  
  

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RONALD L. COOK, CCR, RDR, CRR  
State of Washington CCR #2523

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