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2	BEFORE THE WASHINGTON STATE UTILITIES AND TRANSPORTATION COMMISSION
3 4 5 6 7	WASHINGTON UTILITIES AND) TRANSPORTATION COMMISSION,) Complainant,) Docket Nos. UE-140762 v.) and UE-140617) (Consolidated) PACIFIC POWER & LIGHT COMPANY,) Respondent.)
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11 12 13	ADMINISTRATIVE LAW JUDGE DENNIS J. MOSS COMMISSION CHAIRMAN DAVID DANNER COMMISSIONER JEFFREY GOLTZ COMMISSIONER PHILIP JONES
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0381 1 JUDGE MOSS: Let's be on the record. 2 3 R. BRYCE DALLEY, witness herein, having been first 4 duly sworn on oath, was examined and testified as follows: 5 6 7 DIRECT EXAMINATION BY MS. WALLACE: 8 9 Good morning, Mr. Dalley. Q 10 А Good morning. Could you please state and spell your name for the 11 Q 12 record? Bryce Dalley; B-R-Y-C-E, D-A-L-L-E-Y. 13 А 14 And do you have any corrections to your prefiled Q testimony in this case? 15 16 А I do not. 17 Q Mr. Dalley is available for cross-examination. 18 JUDGE MOSS: All right. Let me see 19 here. For Mr. Dalley, we have Mr. ffitch. You have 20 indicated that you have 20 minutes or so. 21 MR. FFITCH: Yes, your Honor. 22 JUDGE MOSS: Please proceed. 23 MR. FFITCH: Thank you. 24 25

1 CROSS-EXAMINATION 2 BY MR. FFITCH: 3 In this case, PacifiCorp is proposing to include a Q pro forma adjustment that escalates the actual historic test 4 5 year nonlabor O&M and administrative and general expense accounts by applying IHS Global Insight indices; is that 6 7 correct? 8 А Yes. And the Company uses this approach in its 9 0 10 jurisdictions where a future test year period is employed; is that correct? 11 12 А It's correct. We've used this in California, 13 Oregon, Wyoming, and Utah. 14 Has the approach, the use of the Global Insight Q 15 indices, been approved in any of the Company's cases in 16 Washington or other jurisdictions where the rates are established based on a historic test year period? 17 18 А It hasn't to my knowledge been approved for use 19 here in Washington. 20 The Company is looking for ways to better reflect 21 costs during the rate effective period, and this is one of 22 the proposals the Company has put forth as part of this case 23 to better enable the Company to better recover the cost for 24 the rate year. 25 Q All right. And the approach is also not used in

1 Idaho, correct?

A It hasn't been used yet in Idaho. We haven't had a rate case there since 2011. It is a consideration. It's something that we may propose in a future case there in Idaho.

6 We also -- the Idaho test period convention, 7 although it may not differ substantially from Washington, is 8 a little bit different. There are different adjustments 9 that are included as well as different mechanisms available 10 to the Company.

11 Q Okay. But just to sum up so far, the speculation 12 approach using the global indices -- excuse me, Global 13 Insight indices is not employed in states where there's no 14 future test year for Pacific at the present time?

15 MS. WALLACE: Objection. Asked and answered. 16 JUDGE MOSS: You can go ahead and answer it. THE WITNESS: I think I made it clear we 17 18 haven't used it in Washington. It's a new proposal that 19 we've brought forth to this Commission in this case as a way 20 to better reflect the costs for the rate effective period. 21 Q (By Mr. ffitch) All right. Has Pacific Power 22 conducted any analysis demonstrating that the nonlabor and 23 nonfuel O&M, operation and maintenance, and administrative 24 and general expenses incurred by the Company have 25 historically increased at a level that is consistent with

1 the Global Insight indices?

2 A Well, a couple of points I'd like to make is that 3 first --

Q Before you make your points, could you just answer the question whether the Company has conducted any analysis on that issue?

A I'm trying to answer the question, Mr. ffitch.
8 In looking at the Company's cost levels that have
9 been reflected in rates, I believe in my testimony I discuss
10 extensively how the revenues and rates have not been
11 adequate to cover our costs.

And so as we evaluated how to better reflect costs for the rate effective period in this proceeding, we put forth a proposal of IHS Global Insight escalation as a way to better reflect those costs and give the Company a more reasonable opportunity to recover the costs during the rate effective period.

18 So the analysis that I have conducted and looked 19 at are what the Company's recovery levels have been in prior 20 periods. And those have been insufficient to -- for the 21 Company to cover the costs of serving customers.

22 Q So are you testifying that the Company has 23 conducted an analysis or a study demonstrating that the 24 expenses have historically been increasing at the same rate 25 as the escalation factors from IHS? 1 A What I'm testifying to is that the cost levels 2 reflected in rates have been inadequate to cover the cost of 3 serving customers. And that's why we put forth the proposal 4 as part of this case.

5 JUDGE MOSS: Mr. Dalley, I don't find that 6 responsive to his question.

7 THE WITNESS: Could you repeat the question. 8 Q (By Mr. ffitch) Has Pacific Power conducted any 9 analysis or study or has the Company had any analysis or 10 study performed for it demonstrating that the nonlabor O&M 11 expenses have historic -- and the nonfuel A&G expenses have 12 historically been increasing at the similar rates as the ISH 13 escalation factor?

14 Specifically to your question, we have not. Α 15 But what I would like to point out is that the 16 cost levels that we have reflected in rates have not been sufficient to cover the costs of serving our customers. 17 18 Q And that's your testimony in this case. 19 But other than that discussion or analysis in your 20 testimony, there is no analysis or study in the record 21 demonstrating that those costs historically increase at the 22 same rate as the IHS escalation factor, is there? 23 А I don't know if there is on the specific 24 components, but there's clear demonstration in the record 25 that the overall cost levels and the revenue requirement for

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the Company is increasing. 1 2 Q But you just said that no study was --3 JUDGE MOSS: Mr. ffitch, I think you have your answer. Let's move on. 4 5 MR. FFITCH: Thank you, your Honor. Those are all the questions I have. 6 7 JUDGE MOSS: Thank you very much. Then we 8 have Boise White Paper has indicated about ten minutes. Go 9 ahead. 10 MS. DAVISON: Thank you, your Honor. 11 CROSS-EXAMINATION 12 BY MS. DAVISON: So Mr. Dalley, can we take from your testimony 13 0 14 that if the IHS escalation factor is adopted that you won't 15 be up for annual rate cases? 16 А No. I don't believe that's my testimony. 17 Q Thank you. 18 I'd like you to turn to Cross Exhibit 10. 19 Do you have that? It is --It's the new one? 20 А 21 Q Yes, it's the supplemental. And it's in response 22 to Public Counsel Data Request 130. 23 I have that here. I just want to be clear. Is it А 24 the original response to Public Counsel Data Request 130 or 25 is it the supplemental?

1 Q Supplemental.

2 A Okay.

3 And if you look at your response to Question B, Q you've stated that for projects, you're referring to capital 4 5 projects that have been placed in service between the date 6 of the rebuttal filing through the effective date, the 7 Company is willing to limit the amount included in this case to the lower of actual costs or the amounts included in the 8 9 rebuttal testimony. 10 Does that remain the Company's position? I'm confused. I thought we were on the 11 А 12 supplemental response. 13 I believe that's the original response. 14 Oh, I don't know. We've had so many supplemental Q 15 responses --16 А I want to make sure we're on the same page. -- from PacifiCorp, I've got to tell you that it's 17 0 18 been a real nightmare to keep up with all the supplementals. 19 Well, I believe my understanding is RBD-10X А 20 includes the Company's original response to Public Counsel 21 Data Request 130. That's what I have as kind of page 1 and 22 2. 23 After that I have the Company's response, first 24 supplemental response to that same question. 25 CHAIRMAN DANNER: I don't believe our

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1 notebooks have the original response. 2 JUDGE MOSS: It's not entirely clear to me 3 what we have here. 4 MS. DAVISON: We got a lot of late 5 supplemental responses. I apologize. 6 CHAIRMAN DANNER: The only thing we have here 7 is the supplemental that has the date of December 11, 2014. 8 MS. WALLACE: The original one was included as NCS-18CS, I think. 9 10 THE WITNESS: Yes. 11 JUDGE MOSS: But this is what we were handed 12 yesterday as 10CS. MS. WALLACE: It didn't include the original 13 14 section that had been moved. My apologies for that. I can 15 bring that page up if that's helpful. 16 JUDGE MOSS: Yes, I think that would be 17 helpful. 18 MS. WALLACE: This is the original. (By Ms. Davison) So, Mr. Dally, despite the 19 Q confusion about the original vs. supplemental response, does 20 21 it remain the Company's position that for capital 22 expenditures post-rebuttal filing you're not seeking recovery of? 23 24 I appreciate the opportunity to clarify this, and А 25 I want to make sure that it's clear on the record what the

1 Company's position is on this important issue.

2 So in the Company's original response to Public 3 Counsel, we stated we'd be willing to limit the amount of 4 capital projects to those placed in service and known and 5 measurable at the time rates become effective, which is 6 March 31, 2015 in this case.

And in an effort to limit the number of litigated items at this hearing, we provided a supplemental response and updated the issues list on December 11, which modified that position to identify only the capital additions that are in service and serving our customers as of the time of our rebuttal filing, which is November 14, 2014.

And so the Company's first supplemental response to that same data request outlines the Company's proposal and the impact that proposal has on the company's rebuttal position, which is a 1.5 million dollar reduction.

17 Q Thank you. That's very helpful. 18 So just -- I don't mean to belabor the point, but 19 just so it's clear, if it's not used and useful 20 post-rebuttal, it's not going to be included in the case; is 21 that correct?

A For purposes of this case, that's the Company'sposition.

24 Q Thank you.

25 A Originally we had noted that all projects that

1 were through the rate effective date should be included, but 2 we modified the position. 3 Q Thank you. 4 If you turn to your testimony RBD-1T, at page 5, 5 beginning on line 6, you state that, "In PacifiCorp's other jurisdictions, the Company's cost control measures and 6 7 availability of alternative ratemaking mechanisms have 8 allowed the Company to recover the costs to serve its 9 customers." 10 Is that a correct statement? 11 А Yes. And are you excluding what is known as the MSP 12 Q Utah hole as a result of roll-in? 13 14 Could you be more specific? А 15 I'm not sure I understand the question. 16 Well, you're saying that in all the other 0 17 jurisdictions you're able to recover all your costs, 18 correct? 19 No. I don't believe we said that, or it says that А 20 in this testimony. 21 Q Okay. So it's not your position that you're 22 recovering all your costs in all your other jurisdictions? 23 I think to be clear, we are closer to covering the А 24 cost of serving our customers in other jurisdictions than we 25 are here in Washington.

1 I don't think it says that we're recovering all of 2 our costs in all of our states. 3 Okay. And is it your testimony that alternative Q ratemaking mechanisms have not been made available to you in 4 5 Washington? 6 А We don't have the same mechanisms here in 7 Washington that we have in some of our other states. That 8 is true. 9 0 But is it your testimony that no alternative 10 ratemaking mechanisms have been available in Washington? 11 I don't believe that's the case. А 12 I believe that there is a mechanism for deferring 13 costs associated with new resources that comply with the 14 greenhouse gas provisions in this state, and we've used that 15 in the past. 16 And to follow up from the discussion yesterday, 0 you have various forms of PCA's in all your jurisdictions 17 18 except Washington; is that correct? 19 А Yes. 20 And isn't that true in all the jurisdictions that 0 21 you have these mechanisms in place that you have sharing 22 bands, dead bands, earnings tests, a variety of measures to make the mechanism more balanced? 23 24 А No. That's not the case. 25 In California we have a mechanism that allows for

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1 dollar for dollar recovery.

2 Q But that's the only one; is that correct?

3 A Yes.

Q And there was discussion about the 2013 JRC in which a PCAM was made available to the Company, but isn't it correct that you rejected it because of dead bands and sharing mechanisms?

8 A Could you repeat the question?

9 Did you say the 2013 case?

10 Q Yes.

11 A It was made available? I'm not sure I understand. 12 Q Well, through, you know, various processes we've 13 had a lot of discussions with the Company about PCA. And 14 it's my understanding that the Company has rejected that 15 proposal in Washington due to deadband sharing mechanisms, 16 earning tests, that kind of thing?

A I wouldn't say the Company has rejected it.
The Company put forth a proposal to this
Commission as part of the last rate case asking for a power
cost adjustment mechanism. The proposal that the Company
outlined was not supported by other parties, and ultimately
rejected by the Commission.

And we've proposed -- we took that information, we took that feedback and Commission order back, and evaluated what proposal we could come back with as part of this case. And we modified our case. What we have here is not a PCAM. We've requested a renewable resource tracking mechanism which addresses the renewable volatility of intermittent renewable resources here in the region eligible for the EIA, and believe that's an appropriate mechanism to capture that volatility that exists.

So as part of the direct feedback from the
Commission in the last case, we've submitted that proposal
as part of this case.

10 Q And that takes care of your concern about a lack 11 of PCA in Washington?

12 A I think it alleviates concern about the volatility 13 of renewable resources. And I think everyone can agree that 14 the environmental landscape is changing here in Washington 15 and the region and even nationally, and believe that this 16 mechanism will provide the Company an opportunity to recover 17 the costs associated with compliance with those rules and 18 regulations.

19 Q So did I get a yes out of that?

A I think my answer is that the RRTM, or renewable resource tracking mechanism, isn't a PCAM, but it addresses volatility, some of which was included in the PCAM.

MS. DAVISON: Thank you. I have no furtherquestions.

25 JUDGE MOSS: Thank you. Any redirect?

1	MS. WALLACE: Yes, your Honor.
2	RE-DIRECT EXAMINATION
3	BY MS. WALLACE:
4	Q Mr. Dalley, Ms. Davison was just asking you a few
5	questions about the Company's so-called rejection of PCAMs
6	with shared and deadbands in Washington.
7	Do you recall whether or not the Company proposed
8	a PCAM with that was similar to Avista's PCAM, including
9	sharing bands and deadbands in its 2006 rate case?
10	A Yes. I'm familiar with that.
11	The Company did the issue of PCAMs I think
12	it was brought up yesterday by Commissioner Jones has
13	been debated before this Commission a number of times. I
14	believe in the 2006 general rate case the Company brought
15	forth a proposal that was similar to Avista's. I believe
16	that mechanism was rejected.
17	Q And in 2005 the Company proposed a mechanism with
18	deadbands and sharing bands as well, correct?
19	A Yes. It's my understanding there was a mechanism
20	proposed in that proceeding as well; although that mechanism
21	was also rejected because I believe it had to do with the
22	allocation methodology and whether or not there was an
23	approved allocation methodology in this state.
24	Q And the only other state with both deadbands and
25	sharing bands is Oregon, correct?

1 А That is correct. 2 0 And in Wyoming, Idaho, and Utah there's just 3 sharing bands ranging from 70/30 to 95/5, correct? 4 Α I believe it's 70/30 and 90/10. 5 MS. WALLACE: Thank you, Mr. Dalley. JUDGE MOSS: Questions from the Bench? 6 7 QUESTIONS FROM THE COMMISSIONERS 8 9 COMMISSIONER GOLTZ: Mr. Dalley, a few 10 questions. So in your oral testimony, you used the term 11 12 "costs" quite a bit. And I want to know exactly what you 13 mean by that. 14 When you say you can't recover your costs, 15 are you saying that the Company is losing money? 16 THE WITNESS: Well, when I say "costs," I'm referring to costs of service, which includes both the cost 17 18 of providing -- covering our power costs O&M, A&G, as well 19 as providing a reasonable return. 20 COMMISSIONER GOLTZ: I understand why others 21 that might read your testimony could think you're saying 22 that you're losing money, because I think in normal parlance, I think when you say "I'm not recovering my 23 24 costs," it means you're losing money. 25 And that's not your testimony?

1 THE WITNESS: Yeah. No. 2 I'm trying to say that the Company's cost of7 3 providing service includes all the elements of revenue 4 requirement, one of which is a reasonable return on its 5 investment. 6 COMMISSIONER GOLTZ: So it's more accurate to 7 say you don't believe you're able to cover your costs and recover your authorized rate of return? 8 9 THE WITNESS: Yes. 10 COMMISSIONER GOLTZ: Also when you use the term "costs," are you referring to cost per books or 11 12 something else? 13 THE WITNESS: Generally per books. 14 But I know there was some maybe 15 misunderstanding or confusion in the last rate case, so I 16 wanted to make sure my testimony this year that I note all 17 the ways we record it here in Washington. 18 So I reported our earnings, our ROE, on both per books restated and pro forma basis. 19 20 COMMISSIONER GOLTZ: But orally this morning, 21 in response to questions from Mr. ffitch, you said we aren't 22 recovering our costs. Do you mean per books cost or do you 23 mean something else? 24 THE WITNESS: I think I mean our actual costs 25 of providing service. So --

1 COMMISSIONER GOLTZ: But you calculate that 2 by per books or do you calculate that in some other way? 3 THE WITNESS: I guess we do it in multiple ways. The per books stated and pro forma, in each of those 4 5 we're not earning our full authorized return, which I believe is a cost of providing service. 6 7 COMMISSIONER GOLTZ: But normally when you 8 refer to the term costs, you're talking about year per books 9 cost; is that correct? 10 THE WITNESS: Yes, our actual costs. That's 11 where we start. Any way we calculate it you start with your 12 actuals, yes. 13 COMMISSIONER GOLTZ: So let me ask you a couple of other things, and if you want to push these over 14 15 to Mr. Duvall, that's fine. 16 So there's some questions about whether or 17 not -- why the Company did not propose a power cost 18 adjustment mechanism or PCAM. 19 And you said instead you're proposing -- the 20 Company is proposing a renewable resource tracking 21 mechanism. And you were here yesterday, as I recall, and 22 23 heard the cost of capital witnesses and cap structure 24 witnesses discuss the fact that apparently Wall Street 25 credit analysts are concerned about the fact that the

1 company does not have a PCAM; is that correct? 2 THE WITNESS: Yes. 3 COMMISSIONER GOLTZ: So if we were to approve a renewable resource tracking mechanism, would there still 4 5 be that Wall Street concern that this is just a little bit, not very much, not robust, it's not a full PCAM? 6 7 Are we still going to see the credit analysts 8 dinging the Commission for not approving a PCAM if this is 9 what's approved? 10 THE WITNESS: I think this alleviates a 11 substantial concern that the community may have. 12 Mr. Williams can speak to it more than I can. 13 But it does address volatility and it does address the fact 14 that additional renewables are being added to the system, 15 whether they're company resources or purchased power 16 agreements. And it addresses that volatility that's out of 17 the Company's control. 18 We'll also note that I know that Staff has provided a PCAM proposal as part of this case. And I don't 19 20 think that the renewable resource tracking mechanism and 21 PCAM, the two -- I don't believe that they're mutually 22 exclusive. I think they could work together. 23 And in fact in Oregon we have, as Ms. Davison 24 alluded to, have a mechanism, a PCAM, that has some of the

25 elements that this Commission has noted that it would like

1 to see in that type of proposal. But we're also seeking a 2 renewable resource tracking mechanism there that can work in 3 conjunction with a PCAM. 4 So I don't believe it's one or the other. I 5 think they work together. 6 And to answer your question directly, I 7 believe it does alleviate some of the concerns of the 8 volatility that the Company faces with respect to its power 9 cost. 10 COMMISSIONER GOLTZ: But this renewable 11 resource tracking mechanism isn't something you discussed 12 with the Wall Street people that we all seem to be concerned about? 13 14 THE WITNESS: I have not talked to anybody on Wall Street about it. 15 16 I don't know if Mr. Williams has. 17 But it's a way to address an element of our 18 power costs that's very specific to renewable policies here in the state and in the region. And I believe it would 19 20 alleviate some of their concerns. 21 COMMISSIONER GOLTZ: So also one of the 22 things you mentioned in your testimony about that other 23 jurisdictions have, is a rate plan. But you're not 24 proposing a multiyear rate plan in this case? 25 THE WITNESS: We are not.

1 COMMISSIONER GOLTZ: Did you consider 2 proposing a multiyear rate plan? 3 THE WITNESS: We would like to. I think that's something we've been able to do in other 4 5 jurisdictions. 6 COMMISSIONER GOLTZ: And we have multiyear 7 rate plans with other electric IOU's in this state, correct, 8 or we have had in this state, correct? THE WITNESS: Yes, I understand that. We 9 10 follow those closely. We monitor them. 11 And I think we'd like to get to a place where 12 we don't have annual rate cases. We've been part of a 13 number of cases here in the state. I've been involved, at 14 least on the Pacific Power side here, since at least 2011. 15 So I've seen and been a part of a number of these. 16 I think as we evaluate whether or not we 17 could propose some type of multiyear plan, we've got to get 18 to a level of cost recovery that is closer to our authorized 19 to enable kind of a smaller change year over year. 20 I think if you look at the mechanisms for the 21 other IOU's here in this state, the multiyear plans provide 22 pretty modest increases in the years subsequent to where the 23 rate case was filed. And there's no question that in this 24 case it's a pretty substantial increase. 25 So getting our revenue requirement up to a

1 level that allows us to cover our costs first, I think is 2 the objective as part of this case. But we're not opposed 3 to looking at multiyear rate plans in the future and have 4 been able to accomplish those in other states. 5 COMMISSIONER GOLTZ: And the ratemaking mechanism that I note that I believe you have in other 6 7 states is decoupling. You have that in place in other states; is that true? 8 9 THE WITNESS: No. 10 COMMISSIONER GOLTZ: You don't have it in 11 Oregon? 12 THE WITNESS: No. COMMISSIONER GOLTZ: But we have it here with 13 14 both of our other electric IOU's, correct? 15 THE WITNESS: Yes. 16 COMMISSIONER GOLTZ: And we also see the 17 credit analyst reports comment favorably on decoupling 18 mechanisms? 19 THE WITNESS: Yes, that's correct. 20 COMMISSIONER GOLTZ: So why didn't the 21 Company propose a decoupling mechanism? 22 THE WITNESS: We're evaluating that. I think 23 we're open to decoupling and trying to understand that more. 24 When we filed this case the Avista proposal 25 was pending.

1 There's also some controversy, as we know 2 now, in the Puget decoupling proposal and that package of 3 ratemaking elements that's here before the Commission. So 4 we're evaluating those mechanisms and how they work. 5 I think Staff also addresses it in their testimony in this case, that it can be controversial and 6 7 that there's other ways to address some of the concerns that 8 decoupling addresses. 9 And the proposal the Company's made in this 10 case go after some of those issues, which are providing 11 better fixed cost recovery, and we've done that through the 12 proposal and the customer charge. 13 But we're not opposed to necessarily a 14 decoupling mechanism. And now that the Avista proposal has 15 been approved, we're going to monitor that, see how it kind 16 of plays out, but haven't put forth that proposal as part of 17 this case. 18 COMMISSIONER GOLTZ: So I guess what I'm 19 getting at is in your testimony on page 5 -- so Exhibit RBD-1T page 5, lines 6 through 9, you seem to make a point 20 21 -- you seem to be critical of the Washington Commission that 22 we aren't adopting ratemaking mechanisms that are beneficial 23 to the Company. 24 And there's at least three: The PCAM, a rate 25 plan, and decoupling that you consciously, I assume, decided

1 not to put forward in this case. So I feel that -- I mean, 2 correct me if I'm wrong, but I read this as being critical 3 of the Commission for not having ratemaking mechanisms, but yet you're not putting forward the very sort of ratemaking 4 5 mechanisms that you find desirable. Am I wrong? 6 THE WITNESS: We're trying to put forth 7 proposals that work for PacifiCorp. And each of the 8 utilities in this state are different. Each face different 9 challenges. 10 So I think mechanisms that exist today aren't 11 necessarily one size fits all. Even the mechanisms that 12 exist between the other IOUs in the state aren't the same. 13 So we've made proposals as part of this case 14 that we believe address PacifiCorp's concerns. Some of 15 those, like the renewable resource tracking mechanism, the 16 adjustment to the fixed residential charge, I believe are 17 mechanisms or elements that would enable the Company to more

18 appropriately cover its costs.

And so we're trying to put forth proposals that meet PacifiCorp's needs. And we're not opposed to mechanisms that have been used and are available, kind of in the toolbox, so to speak, of other utilities, but really trying to address the concerns the Company faces.

24 COMMISSIONER GOLTZ: So I understand, you're 25 not opposed to a full PCAM as opposed to just a renewable

1 resource tracking mechanism?

2 THE WITNESS: The proposal that Staff has 3 made here, we don't believe that addresses our full concerns, but believe that could work in conjunction with 4 5 our renewable tracking mechanism. 6 COMMISSIONER GOLTZ: Wouldn't a full PCAM 7 incorporate and swallow a renewable resource tracking 8 mechanism? THE WITNESS: If you look at it, Mr. Duvall 9 10 could address this in greater deal. 11 I believe in the record in this case that the 12 PCAM that Staff has proposed, which I think is identical or 13 nearly identical to the Avista mechanism, would provide some 14 recovery of the power costs, which I believe have been in 15 the 9 to 10 percent range on average since 2007. It would 16 provide some recovery of those costs. But I think it's 17 somewhere in the range of 25 percent of that under-recovery. 18 COMMISSIONER GOLTZ: I think you misstated or 19 overstated. 20 Of course it would provide recovery of the 21 power costs. You get recovery of power costs now. 22 The question is do you get them all or 23 over-recover. 24 THE WITNESS: And I didn't mean to --COMMISSIONER GOLTZ: And the PCAM is going to 25

adjust it one way or the other. So you get your actual 1 2 power costs, perhaps subject to deadbands or sharing bands. 3 But what you just said made it sound like you aren't recovering power costs. But you are? 4 5 THE WITNESS: We're recovering a level of power costs. We're not recovering our full power costs. 6 7 And I apologize if I misstated that, but Mr. Duvall shows that over time since 2007 we've 8 under-recovered our total power costs by about 9 to 10 9 10 percent on average. 11 COMMISSIONER GOLTZ: And then on the 12 decoupling, you said you're not opposed to decoupling. 13 THE WITNESS: We're evaluating it. We don't 14 know exactly how it would work for PacifiCorp. But it's 15 something we're looking, at especially now that we have the 16 Avista mechanism approved. So we'll be monitoring how that moves forward, as well as the Puget mechanism. 17 18 COMMISSIONER GOLTZ: You've been evaluating 19 that for over a decade, haven't you? 20 THE WITNESS: Decoupling in general? COMMISSIONER GOLTZ: Yes. 21 THE WITNESS: I think it's been out in the 22 23 industry for a number of years. So we've looked at it. 24 We haven't seen the specific Avista 25 proposals. The Avista proposal was actually approved during

1 the pendency of this case, so we'll see how that one works. 2 I don't think there's any historical experience. 3 COMMISSIONER GOLTZ: My point is that you, your company has been decoupling mechanisms. It's not like 4 5 "we're going to start doing it now with Avista"; you've been evaluating it for probably a decade at least, haven't you? 6 7 THE WITNESS: Personally I have not. The Company, I know, has looked at it. 8 9 And there's a variety of ways to implement 10 decoupling. So there's a number of different options. 11 And so the mechanisms that exist for Puget 12 and Avista, I think those are the ones we're going to be looking at closely as far as if we put forth a proposal 13 14 consistent with those or similar to those in a future 15 proceeding. 16 COMMISSIONER GOLTZ: Thanks. That's all I 17 have. 18 COMMISSIONER JONES: Good morning, 19 Mr. Dalley. 20 THE WITNESS: Good morning. 21 COMMISSIONER JONES: I had some of the same 22 questions that Commissioner Goltz had. So I'm not going to beet a dead horse, but I am going to ask a few questions 23 24 about PCAM and why you didn't file one.

25 You're right. I did ask some questions

1 yesterday. This has been before us a long time. 2 But in our last order issued in December, I 3 just want to cite to you a couple of sentences from the order. Mr. Duvall -- in paragraph 164, we say Mr. Duvall --4 5 and we will talk about this with Mr. Duvall as well, but you're the lead witness, the overview witness for the 6 7 Company, right? THE WITNESS: Yes. 8 9 COMMISSIONER JONES: So Mr. Duvall dismisses sharing bands and deadbands as, quote, poor regulatory 10 11 policy. He said that in the last case, right? 12 THE WITNESS: Yes. COMMISSIONER JONES: And then in our decision 13 14 section, paragraph 171, we stated, quote, The company's 15 perfunctory response that deadbands and sharing bands are 16 poor regulatory policy and that its power costs are increasingly beyond the Company's ability to control is 17 18 simply not acceptable." 19 So that's pretty clear language in my view. 20 So why -- in my view, the burden is on the Company to take 21 our order and come up with some PCAM-like mechanism in 22 response to that. 23 And you don't seem to have done that. 24 Instead you have come up with a renewable tracker, right? 25 THE WITNESS: That's correct.

1 COMMISSIONER JONES: What portion of your 2 power costs are due to renewable as opposed to fossil 3 fuels? 4 THE WITNESS: Mr. Duvall can answer that. 5 COMMISSIONER JONES: 60 percent of your load is coal, isn't it? 6 7 THE WITNESS: That's correct. COMMISSIONER JONES: So over half, at least? 8 9 THE WITNESS: Yes, that's generated by coal. 10 COMMISSIONER JONES: Okay. So I guess we'll 11 explore this with Mr. Duvall in more detail. 12 But I agree with Commissioner Goltz. My 13 understanding of the PCAM that the other two companies have, 14 especially Avista, is it covers all power costs, fossil, 15 renewable, wholesale, market purchases, et cetera. 16 Is that your understanding or not? THE WITNESS: It does. I do not disagree 17 18 that it evaluates or it's an adjustment mechanism looking at 19 all of those designs that you just mentioned. 20 COMMISSIONER JONES: Okay. If you could turn 21 to page 8 of your rebuttal testimony, RBD-3T, there's Table 22 1. And I'm sure you're familiar with this. This is the 23 Washington Commission Basis Reports R&D Analysis. Are you 24 there?

25 THE WITNESS: I'm there.

1 COMMISSIONER JONES: So I'd just like for you 2 to explain those different lines to me a little bit more. 3 Because I thought the per books number, especially for 2013 -- I thought the per books numbers from 2011-12 were on an 4 5 increasing trend. So I'm a little bit surprised to see the per books number at 4.95 percent, the restated numbers at 6 7 8.22, and the pro forma's at 7.73 percent. First of all, I'm surprised because of the 8 9 trend lines. 10 And then there's quite a wide discrepancy in 11 basis points between those three columns. 12 So maybe you could help me out a little bit 13 here and explain that. 14 THE WITNESS: Certainly. Are you looking at 15 more year to year, or between the per books restated and pro 16 forma for 2013? 17 COMMISSIONER JONES: Let's just focus on 18 2013. 19 THE WITNESS: So the per books is just that. So it's actual accounting records looking at what's on the 20 21 Company's books. As we move -- which is the 4.95 percent as 22 you mentioned. 23 As you move to the restated numbers, there 24 we're normalizing for revenues and for normal hydro

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25 conditions. So an important distinction there, which is why

1 you see the substantial bump from the 4.95 to 8.22, is that 2 we had a rate case that became effective in the latter part 3 of that year, December 1 -- or December 11, I believe, 2013. And so the revenues associated with that rate case are 4 5 reflected on a normalized basis as if they were in for the 6 entire year. 7 That also reflects normal hydro conditions. 8 And -- that are different from the actuals. So the primary driver from the 4.95 to the 8.22 is the addition of revenue 9 10 from the company's prior case and the normalization of net 11 power costs. 12 COMMISSIONER JONES: So the normalization of net power costs, especially hydro, is a big driver of that? 13 14 THE WITNESS: Yes. 15 And then as we move from the 8.22 to the 16 7.73, we make various adjustments consistent with prior Commission Basis Reports. 17 18 But important to note here that that pro 19 forma number does not include a pro forma net power cost 20 figure. And so the level of power cost included -- and I 21 tried to footnote this to make it clear -- but it does not 22 include nearly the level of power costs that are included as 23 part of this case, which uses 2013 as the historical test 24 period.

So we begin this case using the 2013 numbers,

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1 but then layering on restated and pro forma adjustments 2 through the rate year for power costs. And those power 3 costs in the current case are approximately 20 million higher on a Washington basis than they were in this column. 4 5 And so 100 basis points on equity in Washington is about six and a half million dollars. So that increase in power costs 6 7 alone is about a 300 basis point reduction to ROE. COMMISSIONER JONES: And do you have any 8 initial numbers for 2014 yet? 9 10 THE WITNESS: I do not. I think we provided 11 -- I don't have it. I could follow up through bench request 12 or try to get some information at a break, but I know we 13 provided quarterly results of operations consistent with the 14 Commission rules. Those are obviously on a per books basis 15 and so they're not normalized, but I can get that you 16 information. COMMISSIONER JONES: I think that would be 17 18 helpful because the last rate case, the rates became 19 effective on January 1, 2014. 20 THE WITNESS: It was actually December 11, 21 2013. So I believe it's right before the end of the year. 22 JUDGE MOSS: That will be Bench Request 2. (Bench Request 2 noted.) 23 24 COMMISSIONER JONES: In this case, in 25 response to Commissioner Goltz, you got into decoupling and

1 PCAMs and some other mechanisms in this case. So there are 2 some new mechanisms, both policy and ratemaking in this 3 case, correct, that are before the Commission? 4 THE WITNESS: Yes. 5 COMMISSIONER JONES: And one is the RRTM, 6 right? 7 THE WITNESS: Yes, it is. COMMISSIONER JONES: Another would be the 8 9 rate design proposal, both -- mainly I think that's a Staff 10 proposal. 11 So we have a number of -- I would say 3, 4, 512 mechanisms that might help the Company in timely recovery of 13 costs. 14 Is there any priority that you would -- any 15 priority of importance to the Company that you would attach 16 to any of those mechanisms that you would really like to 17 see? 18 We have capital structure, we have ROE, we have RRTM, we have rate design. Obviously I know you're 19 20 going to say we want all of them. 21 THE WITNESS: They're all important, and they 22 all address different areas of concern. And so I know we 23 spent most of yesterday talking about the capital structure 24 and return on equity.

25 And I know the capital structure as a point

of, I think Mr. Williams said, fairness, of reflecting an
 actual capital structure that produces our actual costs of
 debt, and so that's an important one.

I think that the RRTM really was the Company's proposal taking feedback from the Commission that A PCAM as we view it is not acceptable to this Commission. It may be acceptable to other commissions in other states, but it's not acceptable here. So we did not make that same proposal again.

10 We took it back and looked at the specific 11 regulatory policies in this state and in the region that are 12 looking to encourage renewable resources, and believe that 13 the RRTM implements the cost recovery provision that's 14 allowed in I-937. So that's an important one.

15 I think using IHS Global Insights as a way of 16 better reflecting costs for the rate effective period and 17 giving the Company a greater opportunity to recover the 18 costs of serving customers is important.

19 COMMISSIONER JONES: So they're all

20 important?

THE WITNESS: They're all important. They all address different issues associated with the challenges the company is facing. We can probably break down the revenue requirement associated with each of them and show you them on that basis. But some of them may not

1 necessarily increase the revenue requirements. It's just to 2 provide greater revenue certainty, such as the proposal on 3 the residential fixed charge. 4 COMMISSIONER JONES: And it's also true that 5 two of those issues are queued up in Superior Court right now for litigation, the QF situs issue and capital 6 7 structure, in the Court of Appeals? THE WITNESS: Yes. 8 COMMISSIONER JONES: So that makes it a 9 little awkward at least for this Commissioner to figure out. 10 11 That to me indicates that your priorities seem to be in 12 those two areas? 13 THE WITNESS: Those are two key issues. And 14 I think although those are being litigated at the Court of 15 Appeals, I think the evidence and record in this case is 16 different. I think it stands on its own in this case. 17 And we've also provided alternatives to those 18 proposals that were brought forth and rejected by the Commission in the last case. We looked at alternative cost 19 20 of debt if we used a hypothetical capital structure. I 21 think Mr. Williams talked about that yesterday. 22 And then on the QF issue, QF PPA's in Oregon 23 and California, our primary proposal was to include those 24 resources, just as any other resource in the West Control 25 Area, but also provided two alternatives which were to

decrement the load and assume those resources are serving situs load in California and Oregon as well as repricing those resources at Washington costs. And so we tried to provide some options to the Commission for consideration which were different than what were provided in the prior case.

COMMISSIONER JONES: Okay. Thank you.
CHAIRMAN DANNER: All right. Thank you. I
have a list of questions which my colleagues have done a
good job in covering.

I just want to get back to I want to make sure I understand, when Commissioner Goltz asked you are you losing money in Washington and your answer was "We are not recovering costs," can I ask that question again?

Are you -- you're not recovering costs. Dos that mean that you're losing money in Washington?

17 THE WITNESS: As I look at it from a coming 18 up through a revenue requirement background, the return on 19 investment is a cost of serving customers. And so if we're 20 not earning our authorized return, then we're not recovering 21 our full cost of service.

22 So as I look at the earnings level in my 23 testimony that show on average somewhere in the under 24 earning of 6 percent, then I would say no, we're not 25 recovering our costs.

1 CHAIRMAN DANNER: So it's basically we're 2 talking about the return. We're not talking about the -- in 3 the calculations when you look at the revenue requirements, you're just saying basically "We are not making what we feel 4 5 the investors are entitled to." 6 THE WITNESS: Yes. 7 CHAIRMAN DANNER: Okay. Thank you for that 8 clarification. He also asked you about decoupling and 9 10 PCAM's. And you said that every utility is different and that PacifiCorp is -- has certain differences compared to 11 12 the other utilities in Washington that make both PCAM's and 13 decoupling an inappropriate choice for this utility. 14 And I was wondering if you could just 15 identify a few of those difference that would make 16 PacifiCorp -- that I can understand, what makes PacifiCorp 17 different? 18 THE WITNESS: Just to clarify, I don't 19 necessarily want to say that decoupling is inappropriate. 20 We just haven't brought it forth as part of this case. 21 I just think if you look at the geography of 22 how PacifiCorp serves where we've got resources in multiple 23 states, we've got a fleet of coal resources, hydro, natural 24 gas, wind in multiple states. So just the generation

25 portfolio of each of the companies is significantly

1 different.

2	Where we are here in Washington, we don't see
3	a lot of load growth. We're seeing relatively flat load.
4	That may be different for Avista and Puget.
5	Obviously multijurisdictional allocations
6	provide an element for us that is unique.
7	So those are a couple that are key
8	differences between utilities.
9	CHAIRMAN DANNER: And you are still seeing
10	load growth, but it's leveling off?
11	THE WITNESS: Actually, if you look at the
12	production factor adjustments in this case, which that
13	adjustment takes your power costs which are forward looking
14	and adjusts them to the historical loads, the
15	forward-looking load for Washington is actually slightly
16	lower than what it is in the historical test period. And so
17	that shows on an overall basis that the Washington load is
18	slightly declining in the rate year vs. the historical year.
19	CHAIRMAN DANNER: Okay. And is that overall
20	load, or is that load is the number of customers
21	increasing or is that declining?
22	THE WITNESS: Don't know the specific answer
23	to that. I'd have to defer that to Ms. Steward.
24	But the overall load that we project for
25	Washington in the rate year is slightly lower than the

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1 historical test period.

2	CHAIRMAN DANNER: Okay. Thank you. That's
3	all I have. Thank you.
4	JUDGE MOSS: Any follow-up?
5	MS. WALLACE: Just two questions.
6	JUDGE MOSS: All right.
7	RE-DIRECT EXAMINATION
8	BY MS. WALLACE:
9	Q Mr. Dalley, has the company proposed a decoupling
10	mechanism in Washington previously?
11	A My understanding is one was proposed, I believe,
12	in the 2005 rate case.
13	Q Was it adopted?
14	A It was not.
15	MS. WALLACE: Thank you.
16	JUDGE MOSS: All right. Mr. Dalley, thank
17	you very much for being here and testifying today.
18	Our next witness will be Mr. Duvall.
19	MR. FFITCH: Your Honor, while Mr. Duvall is
20	coming up, we have notified the Company that Public Counsel
21	waives cross of Mr. Duvall.
22	JUDGE MOSS: All right. So we'll have
23	staff from Boise White Paper, I guess.
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1	GREGORY N. DUVALL, witness herein, having been first
2	duly sworn on oath, was examined and
3	testified as follows:
4	
5	MR. OSHIE: Your Honor, just to be clear,
6	Staff waives cross of Mr. Duvall as well.
7	JUDGE MOSS: So now we're down to Boise White
8	Paper.
9	Let's let counsel for the Company proceed
10	with their witness.
11	MS. WALLACE: Thank you.
12	DIRECT EXAMINATION
13	BY MS. MCDOWELL:
14	Q Good morning, Mr. Duvall.
15	A Good morning.
16	Q Can you state your full name and spell it for the
17	record?
18	A Yes, my name is is this on? Okay. My name is
19	Gregory Duvall; G-R-E-G-O-R-Y, D-U-V-A-L L.
20	Q Mr. Duvall, do you have any corrections to your
21	prefiled testimony in this proceeding?
22	A No, I do not.
23	MS. WALLACE: Mr. Duvall is available for
24	cross-examination.
25	JUDGE MOSS: All right.

0420 1 CROSS-EXAMINATION 2 BY MR. COWELL: 3 Mr. Duvall, if we could start by turning to page Q 37 of your rebuttal testimony, that's GND-4T? 4 5 А Okay. 6 Now, beginning on line 5 and ending on line 6, you Q 7 state that static 15-minute EIM transfers are less valuable 8 than dynamic five-minute EIM transfers; is that correct? 9 That's correct. А 10 0 So if we could please turn to Exhibit No. GND-13CX? 11 12 I'm there. А 13 Q Okay. And then on page 4, both of the exhibit, 14 and the actual document, page 4, could you read the first 15 sentence on the first full paragraph there? 16 MS. MCDOWELL: Your Honor, I just want to renew our previous objection to this exhibit. I don't think 17 there's been any foundation laid for the admission of this 18 19 exhibit. 20 JUDGE MOSS: I think you will need to lay some foundation. 21 22 MR. COWELL: Sure. And your Honor, this is what I'm trying to do in reference to what Mr. Duvall just 23 24 verified in his testimony. 25 JUDGE MOSS: Sorry?

1	MR. COWELL: I'm trying to do that with what
2	Mr. Duvall just agreed to in his rebuttal testimony.
3	JUDGE MOSS: I'll let you go ahead. But I'm
4	having a hard time following how you're laying a foundation.
5	You should establish first that the witness is familiar with
6	this document, for example.
7	Q (By Mr. Cowell) Sure. If we could, then, let's
8	go back to your rebuttal testimony, Mr. Duvall. And on page
9	29
10	A Okay.
11	Q You testified here on page 29, lines 5 and 6, the
12	question is: What is the EIM?"
13	And you respond that it's a realtime market
14	administered by a single market operated at CAISO sales; is
15	that correct?
16	A That's correct.
17	Q Same page, lines 18 through 20, you're asked, "Did
18	the Company decide to move forward with the CAISO and
19	participate in the EIM.
20	Line 20, you answer, "Developing EIM using CAISO's
21	proven state of the art technology."
22	That's your testimony, is it not?
23	A It is.
24	Q Okay. Next page, page 30, line 7, you the
25	question is, "Are the EIM's benefits a function of the size

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1
     and scope of its footprint?"
                And you responded, "Yes, the EIM's viability and
 2
 3
    benefits come from combining the Company's transmission
     system and a large system owned by a single entity in the
 4
 5
     west with the CAISO system; is that correct?
 6
          А
               That's correct.
 7
               So is there a relationship with the EIM and CAISO
          Q
     and PacifiCorp?
 8
 9
          А
               Yes, there is.
10
               Thank you.
         Q
11
               So if we could turn again to Exhibit No.
12
     GND-13CX, just to look at the first page,
          А
              Yes, I'm there.
13
14
               So this document is the answer to comments of the
          Q
15
     California Independent System Operator Corporation submitted
     with FERC; is that correct?
16
               That's what the heading says, yes.
17
          А
               Okay. So if you turn to the second page?
18
          Q
19
         А
               Okay.
20
               Now it says here in the CAISO's answer that on
          0
     August 6, 2014 that CAISO filed an amendment to be sure
21
22
     that, one, PacifiCorp may account for EIM transfers in the
23
     California Oregon Intertie, the COI."
24
               Do you have any reason to dispute that
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25 statement?

1 MS. MCDOWELL: Your Honor, I'm going to 2 object to this question. There has not been sufficient 3 foundation laid for any kind of substantive inquiry on this document. It's a CAISO document responding to comments of a 4 5 party that is not the transmission agency of Northern California. The relevance of this is way out of bounds as 6 7 far as this witness is concerned, and this witness is not 8 competent to respond to it. 9 MR. COWELL: Your Honor, yesterday when we 10 discussed this, I believe after the Commission had left, you 11 had mentioned -- and I'm paraphrasing -- but this is a new 12 issue, the EIM we're discussing here. And Mr. Duvall has testified that there is a 13 14 relationship clearly between CAISO, PacifiCorp, and the EIM. 15 So this is getting into his testimony on page 37 concerning 16 the treatment of EIM transfers, it's highly relevant how 17 CAISO treats those transfers. 18 PacifiCorp is testifying -- Mr. Duvall is testifying that they're treated in a certain way. So this 19 20 is relevant in that capacity. 21 JUDGE MOSS: The point of the objection 22 is that you have not demonstrated through examining this 23 witness that he has any familiarity with this document, that 24 he relied on it in any way in preparing his testimony. So 25 you haven't tied your questions and his testimony to this

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1 document. That's the objection.

2 And so far the objection seems a good one. 3 You can ask him about what's in his testimony without reference to this document or you can demonstrate through 4 5 questions to him that he is familiar with it or in some way relied upon it. 6 7 (By Mr. Cowell) Okay. Mr. Duvall, have you Q reviewed this document? 8 Are you familiar with it? 9 10 I saw it for the first time when it was provided А as a cross exhibit. I've read it. 11 12 So going back to page 37, your rebuttal testimony, Q 13 you said you've testified that 15-minute static transfers 14 are not as valuable as five-minute dynamic transfers, correct? 15 16 А Correct. Okay. So is it your testimony, then, that you are 17 0 unaware of how the CAISO will differentiate between static 18 19 and dynamic transfers? 20 MS. MCDOWELL: Objection. I don't know where 21 that question came from. He hasn't testified to that. He hadn't testified to CAISO --22 23 JUDGE MOSS: Rephrase your question. 24 (By Mr. Cowell) Okay. Are you familiar, Q Mr. Duvall, with how CAISO will model and manage EIM 25

1 transfers on the California Oregon Intertie?

2 А Not specifically, no. 3 Q Are you aware that -- so Mr. Duvall, let's again, looking at page 37 of your rebuttal testimony, on what basis 4 5 are you making that assessment that 15-minute transfers are not as valuable as five-minute dynamic transfers? 6 7 Well, I think it's basically a qualitative А 8 assessment. But if you can change schedules every five 9 minutes instead of every 15 minutes, you'll be better off. 10 You can reduce the generation at higher cost resources and 11 increase a generation at lower cost resources on a more 12 frequent basis. That should save you money. 13 The dynamic transfer allows you to, if you have a 14 200 megawatt schedule, you go from zero to 200 during that 15 five-minute period. 16 If you have a static schedule for 15 minutes and 17 you schedule 200 megawatts, you have to keep that 18 200-megawatt schedule for the entire 15 minutes. It just seems obvious to me from a qualitative 19 20 perspective that the five-minute dynamic is more valuable than a 15-minute static schedule? 21 22 So your testimony is that this is your judgment? 0 23 А Yes. 24 And it's your judgment not based on statement 0 25 CAISO has made about how they will treat these transfers?

2 me. 3 Q So again to confirm, I don't know you responded to the question. So you have not -- it's your judgment alone 4 5 without review of what CAISO has said of how they treat these transfers? 6 7 А That's correct. 8 Q Okay. MR. COWELL: Your Honor I would move to offer 9 10 Exhibit 13CX because I do think it's relevant that CAISO is involved in the EIM and it's part of this case, the 11 12 benefits, the cost of the EIM. So I do believe it's relevant and I offer that exhibit. 13 14 MS. MCDOWELL: And we renew our objection. 15 It seems the questions not only did not demonstrate 16 foundation, they show there's absolutely no foundation. JUDGE MOSS: I'll sustain the objection. 17 18 MR. COWELL: Your Honor, I would like to ask 19 a follow-up question. 20 (By Mr. Cowell) So Mr. Duvall, would you agree 0 21 that the CAISO will model and manage EIM transfers on the 22 COI's aggregate dynamic schedules regardless of whether PacifiCorp submits a single dynamic e-Tag or a combination 23 24 of a normal status e-Tag and dynamic e-Tag? MS. MCDOWELL: I'm going to object to that 25

A No, it's my judgment based on what is obvious to

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1 because I believe it was a compound question. It was 2 certainly one I couldn't follow. So I'm assuming the witness couldn't either. 3 JUDGE MOSS: I don't know if the witness 4 followed it or not? Did you follow it? 5 6 THE WITNESS: I did not. 7 JUDGE MOSS: I'm sorry. I didn't follow it either. If not compound, it was certainly complex. 8 9 You might try it again. 10 MR. COWELL: No further questions, your 11 Honor. 12 JUDGE MOSS: All right. I think that's it, except questions from the bench. Mr. Goltz? 13 14 15 QUESTIONS FROM THE COMMISSIONERS 16 COMMISSIONER GOLTZ: So Mr. Duvall, I'd like to explore a little bit the QF issue so I understand it a 17 18 little better. 19 So am I correct that in a qualifying facility in Washington for PacifiCorp that's a standard offer 20 21 contract that includes a fixed price for five years, 22 generally it's a five-year contract; is that correct? 23 THE WITNESS: That's correct. 24 COMMISSIONER GOLTZ: In Oregon it's longer 25 than that?

1 THE WITNESS: It's up to 20 years with the 2 first 15 years to be fixed price, the last five years to be 3 market. 4 COMMISSIONER GOLTZ: And in Washington at the 5 end of the -- you have a number of QF's in Washington as 6 well? 7 THE WITNESS: I believe we have three active QF's. 8 COMMISSIONER GOLTZ: And so what happens at 9 10 the end of the five-year period then in Washington? 11 THE WITNESS: They either -- they would renew 12 or go away or take some other action. COMMISSIONER GOLTZ: So it would be renewed 13 14 for another five-year period, is one option? 15 THE WITNESS: That's one option, yes. 16 COMMISSIONER GOLTZ: So in general, looking at the practice in -- for PacifiCorp, has there been a 17 downward trend in Pacific Power's avoided cost rate? 18 19 THE WITNESS: Yes, there has. 20 COMMISSIONER GOLTZ: And that's true 21 Washington, Oregon, everywhere? 22 THE WITNESS: Everywhere. COMMISSIONER GOLTZ: Is that substantially 23 24 because of the decreasing cost of the natural gas? THE WITNESS: Yes, and the decreasing effect 25

1 on the forward price curves. 2 COMMISSIONER GOLTZ: Any other major reasons 3 for that? 4 THE WITNESS: The pushing out of the resource 5 needs. We don't need resources in our 2013 IRP updates. We don't need a new resource until 2027. 6 7 COMMISSIONER GOLTZ: So if that's true, then over the life of the contract in Washington it would be -- I 8 guess largely follow that a renewal of a five-year contract 9 10 would result in a lower of the weighted cost rate for the second five-year period. 11 12 THE WITNESS: If that trend continued, that 13 would be the outcome, yes. 14 COMMISSIONER GOLTZ: Over the past 15 years 15 that was the trend, correct? 16 THE WITNESS: I don't know if -- did you say 15? 17 COMMISSIONER GOLTZ: 15 or 10? 18 19 THE WITNESS: Probably maybe over the last -probably since 2008. 20 21 COMMISSIONER GOLTZ: On your testimony 22 GND-1CT, at 14, on lines 7 and 8 you talk about an inflation factor; is that right? 23 24 Did I read that correctly? 25 THE WITNESS: Yes.

1	COMMISSIONER GOLTZ: How is that calculated?
2	THE WITNESS: I believe we would have used
3	the inflation factors from IHS Global Insights.
4	COMMISSIONER GOLTZ: Okay. You also included
5	in this, in your testimony, or you referenced a 1985 Yakima
6	Tieton Irrigation District PPA. Correct?
7	THE WITNESS: Yes.
8	COMMISSIONER GOLTZ: And didn't you reprice
9	that for 1993 as opposed to 1985 price?
10	THE WITNESS: We used the earlier Yakima
11	Tieton contract pricing to come up with the vintage prices
12	for the Oregon/California contracts that had been executed
13	during that time.
14	COMMISSIONER GOLTZ: So you repriced the
15	Yakima Tieton contract to be consistent with the
16	California/Oregon prices?
17	THE WITNESS: No. The Yakima Tieton contract
18	has been around for a while. And it has been, I believe,
19	repriced as it's come to its termination and been
20	repriced. But what we used it for in the repricing analysis
21	was that we had a Yakima Tieton contract that was basically
22	of the same vintage as some of the existing Oregon
23	contracts. And so we used that to come up with the
24	Washington avoided cost at the time of those contract
25	executions for the repricing exercise.

1 COMMISSIONER GOLTZ: So I see you've been 2 with the company for quite a while. 3 How was this issue of allocating costs for QF's done prior to the merger? 4 5 THE WITNESS: So prior to 1989? 6 COMMISSIONER GOLTZ: Yes. 7 THE WITNESS: My recollection is they were 8 system allocated. 9 COMMISSIONER GOLTZ: They were system 10 allocated? 11 THE WITNESS: That's my recollection. 12 COMMISSIONER GOLTZ: You don't think they 13 were done by situs? 14 THE WITNESS: I don't recall any discussion 15 about situs assignment. 16 COMMISSIONER GOLTZ: So let me ask this, 17 then: You have basically three proposals before us on this, 18 correct? 19 You have the original proposal, which is do 20 it the way we wanted it in the last rate case. 21 And you said but if that doesn't work we can 22 do your load decrement approach. 23 And then the third one would be the 24 Washington repricing mechanism; is that correct? 25 THE WITNESS: That is correct.

1 COMMISSIONER GOLTZ: So right now, the costs 2 of these QF's in Oregon and California are being recovered, 3 some through the Washington rates and some through the rates from your other five states; is that correct? 4 5 THE WITNESS: None of the costs of the Oregon and California QF's are being recovered in Washington rates 6 7 at this time. COMMISSIONER GOLTZ: Okay. But they're being 8 recovered in the other five states? 9 10 THE WITNESS: Yes, they are. 11 COMMISSIONER GOLTZ: You aren't recovering --12 isn't the cost of the QF's in Oregon that are being -- isn't 13 there an accreted market cost that's been recovered in 14 Washington? THE WITNESS: No. All of the QF's in the 15 16 other five states, all of the other five states' systems allocate all of the QF costs. 17 18 COMMISSIONER GOLTZ: Right. 19 THE WITNESS: So they're even picking up a 20 share of the Washington QF's. 21 COMMISSIONER GOLTZ: So if -- I guess what 22 I'm wondering is if we were to adopt one of your mechanisms 23 for recovery of QF costs in Washington, the Oregon QF's, how 24 would I know, based on this record, that PacifiCorp is not 25 overcollecting their costs?

1 In other words, if the total collections from 2 each of the six states doesn't actually exceed the costs of 3 -- that you incur with these QF's? 4 THE WITNESS: I think what you're asking is 5 that how would you be sure we're not collecting over 100 percent of the costs? 6 7 COMMISSIONER GOLTZ: Yes. 8 THE WITNESS: And you wouldn't. If you 9 adopted one of those proposals in the West Control Area, for 10 example, Chehalis, Hermiston, Jim Bridger, are all being 11 overcollected because Washington is paying 22 percent of 12 them and the other states are paying 92 percent of them. 13 On the east side of the system everything is 14 being undercollected because Washington is paying for none 15 of it and the other states are paying for 92 percent of it. 16 So the other states pay 92 or 93 percent of 17 all of the system costs and that results with Washington 18 picking up 22 percent of the west and zero percent of the 19 east, we recover nothing on the east and we over-recover on 20 the west. 21 COMMISSIONER GOLTZ: Those are my questions. 22 Thank you. 23 CHAIRMAN DANNER: I had some questions about 24 the coal facility at Bridger, and I was wondering -- some 25 overall questions. And I was wondering if this would be the

1 appropriate witness for them. 2 JUDGE MOSS: We'll ask Mr. Duvall. Can you 3 talk to us about coal? 4 THE WITNESS: I can try, depending on the 5 questions. 6 JUDGE MOSS: And if necessary we can have Ms. 7 Crane. MS. MCDOWELL: She is available by telephone. 8 9 CHAIRMAN DANNER: These are really high level 10 questions. I've read the testimony. 11 I'm concerned about the fact that the prices for the operation of the Bridger plant are going up. And I 12 13 just am looking at the trends in coal prices generally. 14 I know there are some rail challenges. 15 Is this, you know, finding the miners I think is also a problem at Bridger, correct, there are human 16 resource problems there? 17 18 THE WITNESS: I can only answer that because 19 I've read Ms. Crane's testimony. She would actually be the 20 one who knows more about that. 21 CHAIRMAN DANNER: Okay. I think I'm going to 22 pass on that. I was going to ask some clarifying questions, 23 but they're not that important. That's all right. 24 So I think that's all I want to ask at this 25 time. So go ahead.

1 COMMISSIONER JONES: Mr. Duvall, I'm going to 2 follow up on some of Commissioner Goltz's questions, first 3 on the QF's.

So in response to his question on the escalating, you said it's somewhere -- you think it's in the IHS Insights. It's a confidential document attached to Mr. Dalley's. It's 5-D with Dalley. So I'm not going to cite to it, but I've looked at it. And I don't think there's anything on there in power costs. It relates to construction costs and O&M cost.

11 So if you can answer the question, what sort 12 of escalation factor -- and if you can't answer it, this is 13 a bench request. Is it CPI increase, is it a GDP 14 deflator?

15 What sort of escalation factor are you using?
16 THE WITNESS: My understanding was it was a
17 general inflation factor, as you mentioned, CPI, GDP.
18 But I think if you want a precise answer we

19 could certainly do a bench request on that.

20COMMISSIONER JONES: Could you, please?21THE WITNESS: Yes.

22 (Bench Request No. 3 noted.)

23 COMMISSIONER JONES: And while you're doing
24 that one -- this could be a bench request too. In your
25 rebuttal testimony you refer to Ms. Siores' calculation of

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1 THE WITNESS: Yes. And I'm sorry. This is 2 Ms. Siores' exhibit. 3 COMMISSIONER JONES: You're on page 2 of 4 that? 5 THE WITNESS: I am. 6 COMMISSIONER JONES: Okay. I see where you 7 are. And the 10.9 million is compared to what? 8 9 THE WITNESS: I don't know. This is 10 Ms. Siores' exhibit. And so I guess the 10 -- I'm not sure 11 exactly what the 10. Is because it's not my number. 12 But I would suspect that's compared to 13 current rates. 14 COMMISSIONER JONES: Okay. Current rates 15 being the total net power cost number of which -- what's 16 your number on rebuttal for net power costs as revised? It's like 590 million? 17 18 THE WITNESS: 592.7. 19 COMMISSIONER JONES: So would that be the number that it's probably referring to, is the 592.7? 20 21 THE WITNESS: I believe the 10.9 million would be in that number. 22 23 COMMISSIONER JONES: Correct. Yes. Okay. 24 THE WITNESS: And the 10.9 million is a 25 Washington allocated. And the Washington allocated net

1 power costs are 135.6 million.

2	COMMISSIONER JONES: So in response to
3	Commissioner Goltz, you're aware of the fact that we're at
4	five-year terms and in Oregon they're at 15 fixed and market
5	for five years, 20-year terms, right?
6	So another way of calculating the revenue
7	impact would be to reprice these QF's on the Oregon cost
8	rates in year 6 and year 11 according to our avoided cost
9	formula, right?
10	THE WITNESS: It would be repricing them at
11	Washington avoided costs at the time the contracts were
12	entered.
13	So there's a number of contracts in Oregon
14	and California. They're older contracts.
15	COMMISSIONER JONES: Right.
16	THE WITNESS: So we have prepared the
17	repricing proposal by saying if we had repriced those at the
18	then current Washington avoided costs, that would have
19	reduced our proposal by 2.2 million or 2.175 million on a
20	Washington allocated basis.
21	COMMISSIONER JONES: So how do you deal with
22	the issue that under our avoided costs formula that the QF's
23	expire at the end of year five and then we go into another
24	perhaps cycle in years six, seven, eight?
25	THE WITNESS: Yeah. So when we look at the

1 older contracts, and if we price them at the -- so the 2 five-year term in Washington has not always been the case. We just had a QF, City of Walla Walla, that was on a 35-year 3 term that just expired at the end of the 2012. 4 5 These older Tieton contracts, I believe were on 20-year terms. I'm not certain of that, but I think 6 7 that's what they were. And so what we've done is we've taken those 8 9 prices out of those contracts and said if we just -- if the 10 Washington Commission had repriced at the time those 11 contracts were entered at Washington avoided costs, then 12 Washington customers would be indifferent. And that's the 13 theory behind that repricing. 14 And in fact, that is exactly what the 15 Commission did in 1983 that was brought up in Mr. Gomez's 16 testimony and in my rebuttal testimony, is that this was 17 with the Potlatch facility for Avista, which was then the 18 Washington Water Power Company. And the Commission looked 19 at the avoided costs that Idaho had set, and they said those 20 are too high; let's use our avoided costs to reprice it. 21 COMMISSIONER JONES: Yes, I read your 22 testimony on that point. 23 So I guess the question is, instead of using 24 the inflation escalator of IHS in the Walla Walla and irrigation district PPA prices, if you used a different 25

formula of avoided costs at the time the contract expired, 1 2 it might be a more precise way, or another way of doing it? THE WITNESS: Well, we didn't use the 3 4 inflation in the Walla Walla contract. It had specific 5 prices out through 35 years. 6 COMMISSIONER JONES: I know that. I'm 7 talking about the Oregon QF contracts and the California QF contracts, right? 8 9 THE WITNESS: Right. 10 COMMISSIONER JONES: How many Oregon QF 11 contracts do you have? 12 THE WITNESS: I don't know the number. COMMISSIONER JONES: 60, 70? Just give me a 13 14 ballpark? 15 THE WITNESS: Probably in that range, yes. 16 COMMISSIONER JONES: What about California? 17 THE WITNESS: Maybe a dozen. 18 COMMISSIONER JONES: So what I'm talking 19 about is repricing those contracts according to the terms, 20 you know, in year six and coming back to our avoided cost at 21 the time they would expire. So did you consider that at 22 all? THE WITNESS: I'm not sure I understand the 23 24 question. Sorry. 25 COMMISSIONER JONES: Okay. This may have to

1 be a bench request. 2 THE WITNESS: Okay. 3 COMMISSIONER JONES: I think we're talking past each other a little bit here. But I do understand the 4 5 revenue impact. 6 So the official Company estimate of the two 7 repricing proposals is the evidence in Ms. Siores' testimony, correct? 8 9 THE WITNESS: I think that the -- the revenue 10 requirement impact. 11 COMMISSIONER JONES: That's what I'm talking about, the revenue requirement impact for low decrement and 12 13 repricing. That's the authoritative Company number right 14 now? 15 THE WITNESS: That is correct. 16 COMMISSIONER JONES: PCAM. So in our last case you called -- you referred to deadbands and sharing 17 18 bands as poor regulatory policy, right? 19 THE WITNESS: I did. 20 COMMISSIONER JONES: Do you still believe 21 that? 22 THE WITNESS: I do not believe that deadbands 23 and sharing bands make sense. I mean, they tend to be --24 it's argued that they are there to be company incentives to 25 manage their costs.

1 But my view is that our power costs are 2 mainly outside our control, whether natural gas, forced 3 outages, things like that that we have no control over. And 4 the sharing bands do not do anything to incent us to control 5 them. 6 COMMISSIONER JONES: Okay. I think I 7 understand your logic there. I may not agree with it, but I 8 understand it. 9 But you do comply with the Oregon sharing 10 band order, right, when you submit -- when you calculate 11 NPC, net power costs, and do that for the Oregon commission, you do comply with their conditions, right? 12 13 THE WITNESS: Yes, we do. 14 COMMISSIONER JONES: Is it burdensome? 15 THE WITNESS: It's not. I wouldn't call it 16 burdensome. I mean, it's just another filing looking through the accounting data, applying the pieces of the 17 18 mechanism, and coming up with a result. It's fairly 19 straightforward. 20 COMMISSIONER JONES: Have you had a chance to 21 review Mr. Gomez' testimony yet? 22 THE WITNESS: Yes, I have. COMMISSIONER JONES: A few questions about 23 24 his proposal. I think he proposes to set the deadband at 5 25 percent of WCA net power costs, right?

1 THE WITNESS: I believe that's correct. 2 COMMISSIONER JONES: Is that an appropriate 3 number, or would you suggest something else, 3 percent, 4 percent, 6 percent? 4 5 THE WITNESS: I would suggest zero. COMMISSIONER JONES: I know you would. 6 7 But in the alternative? THE WITNESS: Well, in the alternative I 8 9 would suggest the RRTM, the Resource Renewable Tracking 10 Mechanism. COMMISSIONER JONES: I didn't want to go 11 12 there yet, but let's go there. 13 So Mr. Dalley said the two can complement 14 each other and work together. I find that hard to 15 understand. So could you walk me through why we would need 16 a tracker for renewables, and if we decide to impose a PCAM 17 on you, have a PCAM as well. 18 To me all the renewable, the coal costs that Chairman Danner referred to, are all included in a PCAM, or 19 20 could be, right? 21 THE WITNESS: They are. And the Washington 22 design of a PCAM is similar to Oregon's. And they are 23 basically, as I would call them, are insurance policies for 24 the extreme events, as opposed to, as Mr. Strunk said 25 yesterday, the other 42 states have dollar for dollar

1 PCAM's. 2 So the Renewable Resource Tracking Mechanism, 3 or RRTM, is designed to comply with the Energy Independence 4 Act. And in my testimony on page 39, I quote from that Act. 5 I say under RCW 19.285.050 Section 2. 6 COMMISSIONER JONES: What page are you on? 7 THE WITNESS: Page 39. COMMISSIONER JONES: This is of your 8 9 rebuttal? 10 THE WITNESS: My direct. 11 COMMISSIONER JONES: Your direct. 12 THE WITNESS: Other sorry. COMMISSIONER JONES: Hang on for a minute. 13 14 THE WITNESS: Yes. 15 COMMISSIONER JONES: Okay. THE WITNESS: So it's lines 6 and 7. It 16 says, quote, An investor-owned utility is entitled to 17 18 recover all prudently incurred costs associated with 19 compliance with this chapter. 20 So that's what we took to basically design 21 the RRTM so that it recovered all of the prudently incurred 22 costs that the utility is entitled to, no more, no less. 23 And so that's different than sort of the 24 traditional PCAM's that have been brought before this 25 Commission.

1 And I think having them work together is 2 something that Oregon is now looking at. And the main issue 3 is we don't want to, you know, collect the same costs under both mechanisms. They're different enough that they do 4 5 different things. But we just -- I think that's the main issue in Oregon, is to not double count. 6 7 CHAIRMAN DANNER: So I guess I understand why 8 this is in the Act. But I don't understand why this creates 9 10 special treat for renewables since I would assume that 11 you're entitled to recover all prudently incurred costs 12 associated with any prudently incurred investment that you 13 make. What makes renewables special? 14 THE WITNESS: I guess we don't recover all of 15 our prudently incurred costs under the current regulatory 16 scheme in Washington. 17 And I read this as being more specific that 18 because we have to comply with this Washington law, that 19 we're entitled to recover those costs. And I read that as 20 the actual costs. 21 CHAIRMAN DANNER: Okay. So the argument is 22 you're not recovering your costs for other nonrenewable 23 investments.

And is that true for investments that we have deemed used and useful in the state, or are you talking

1 about other investments we have not found used and useful in
2 the state?

3 THE WITNESS: I'm referring to net power costs. And I think somewhere in my rebuttal testimony I 4 5 note that we are under-recovered in the six years -- well, basically since the Energy Independence Act we've 6 7 under-recovered net power costs by about 50 million dollars. And I think the -- sort of looking at the 8 9 RRTM, we believe over that same period we would have 10 collected 35 million of that under-recovery. And under the status of PCAM we would have 11 collected 10 million of that 50 million under-recovered. 12 So we think the RRTM is a better mechanism. 13 14 We think it's aligned with the State of Washington energy 15 policies that encourage renewable generation. And we think 16 it's something that we're asking the Commission to consider. CHAIRMAN DANNER: So it's interesting, this 17 18 is -- your 50 million dollar reference is on page 40, line 19 13. And what you say is without a PCAM in place, the 20 Company is subject to the risk of significant under-recovery 21 of that power cost. 22 But the PCAM is not -- you're saying the PCAM would not give you full recovery; is that right? 23 24 COMMISSIONER JONES: What page are you on?

25 CHAIRMAN DANNER: Page 4.

1	THE WITNESS: I'm pretty sure what I meant by
2	a PCAM is my view of a PCAM as opposed to the
3	CHAIRMAN DANNER: In other words, a PCAM with
4	a sharing band and deadband of zero?
5	THE WITNESS: That's correct.
6	CHAIRMAN DANNER: Okay.
7	COMMISSIONER JONES: And I think we'll get to
8	hear from Mr. Gomez later on that. He may disagree with
9	that.
10	CHAIRMAN DANNER: I'm sorry. I'm in your
11	space.
12	COMMISSIONER JONES: Go ahead.
13	CHAIRMAN DANNER: I also wanted to get a
14	little clarity, because I heard this morning the RRTM
15	Mr. Dalley was suggesting, that if a PCAM were in place the
16	RRTM could work complementary with that and that you were
17	exploring that in Oregon in their generic PCAM proceeding.
18	And I was just wondering how those would work
19	and how it would be that the PCAM wouldn't swallow up the
20	renewable component.
21	THE WITNESS: Well, the renewable component
22	under the RRTM would be basically a dollar for dollar
23	recovery, and the PCAM is not. It has deadbands and sharing
24	bands in Oregon, as well as if one were to be in Washington
25	according to the direction of the Commission, it would have

1 deadbands and sharing bands.

2	CHAIRMAN DANNER: So your thought would be if
3	you're going to be in a PCAM with deadbands and sharing
4	bands, then the renewables would be lifted out of that and
5	there would be no deadbands or sharing bands for that; it
6	would just be
7	THE WITNESS: That's correct. And the main
8	issue would be to make sure we didn't double collect or
9	double count.
10	COMMISSIONER JONES: Back to me.
11	Could you go to GND-2? This is your exhibit
12	to your direct testimony.
13	What I'd like to do is just walk through the
14	components of net power costs that you set forth there. And
15	we can say kind of a yes or no if it's in the scope of an
16	RRTM or a PCAM as described by Mr. Gomez. Are you there?
17	THE WITNESS: Yes, I am.
18	COMMISSIONER JONES: So let's do it by
19	header. So the special header is Special Sales for Resale,
20	91 million dollars, right?
21	So would that be in a PCAM as described by
22	Mr. Gomez?
23	THE WITNESS: Yes, it would be.
~ .	
24	COMMISSIONER JONES: Would that be in an

1 THE WITNESS: No, it would not. 2 COMMISSIONER JONES: Next, Purchase Power and 3 Net Interchange, the total there is 88 million. Would that 4 be in a PCAM? 5 THE WITNESS: Yes, it would be. COMMISSIONER JONES: In an RRTM? 6 7 THE WITNESS: No, it would not. 8 COMMISSIONER JONES: Okay. 9 THE WITNESS: Well, let me clarify that. To 10 the extent that there are purchase power contracts that are renewable contracts --11 12 COMMISSIONER JONES: Like a QF in Montana or 13 a QF somewhere, a renewable resource located somewhere 14 that's wheeled into your -- either the East Control Area or 15 the West Control Area? THE WITNESS: Well, these are only West 16 17 Control Area resources. COMMISSIONER JONES: This is WCA only? 18 19 THE WITNESS: Right. COMMISSIONER JONES: Pardon me. This is WCA 20 21 only. 22 THE WITNESS: a PPA, whether it's a QF or not 23 a QF. 24 COMMISSIONER JONES: Next one here is where I 25 think the RRTM comes in, Qualifying Facilities.

1 And I would just note for the record that the 2 overwhelming majority by revenue of QF's are in the state of 3 Oregon, right? 4 27.7 million dollars in Oregon, 6.9 million in California. Only 579,000 to the three QF contracts here, 5 right? 6 7 THE WITNESS: That's virtually correct because there's others individually listed. 8 The biomass is in Oregon. That's Douglas 9 10 County is in Oregon. 11 COMMISSIONER JONES: That's true. Okay. 12 But let's go to the subheader. This is not a full header. But that 67.4 million for QF total, would all 13 14 of that be included in the RRTM? 15 THE WITNESS: Only those that would qualify 16 as eligible resources under the Energy Independence Act. For example, Biomass I don't believe would 17 18 qualify on that. I'm not sure on that. 19 COMMISSIONER JONES: I think you're right. 20 We can research that. 21 THE WITNESS: Right. 22 COMMISSIONER: Okay. But those -- that 67 million in QF contracts would also be included under a PCAM, 23 24 right? 25 THE WITNESS: Correct.

1 COMMISSIONER JONES: And then we have the 2 Mid-C contracts. Those of course would be included in a 3 PCAM. 4 THE WITNESS: Yes, they would. 5 COMMISSIONER JONES: But not in an RRTM? 6 THE WITNESS: That's correct. 7 COMMISSIONER JONES: And then we have some system balancing purchases at COB, at Columbia NOB. Those 8 would be in a PCAM, I think that's 84 million, but not in an 9 10 RRTM, right? 11 THE WITNESS: That's correct. 12 COMMISSIONER JONES: Let's go to the next page, Wheeling. You have total Wheeling expenses of 110 13 14 million. Would those be in a PCAM? 15 THE WITNESS: Yes, they would. 16 COMMISSIONER JONES: In an RRTM? 17 THE WITNESS: No. COMMISSIONER JONES: Then Chairman Danner 18 asked you about some coal expenses. You have Colstrip and 19 20 Bridger here. 21 And I would note for the record that this is 22 -- nearly 40 percent of your NPC is related to coal fuel 23 burn, right, 222 million. That would all be included in a 24 PCAM, right?

25 THE WITNESS: That's correct.

1 COMMISSIONER JONES: And then we have the 2 next column, gas for Chehalis, Hermiston. Gas fuel burn 3 expense of 86 million, 87 million, that would all be 4 included in a PCAM? 5 THE WITNESS: That's correct. COMMISSIONER JONES: RRTM no? 6 7 THE WITNESS: Correct. 8 COMMISSIONER JONES: And that adds up to 9 roughly -- well, this was 568. You revised that on rebuttal 10 to 592 million, roughly, right? 11 THE WITNESS: Yeah, 592.7. 12 COMMISSIONER JONES: Thank you. Those are 13 all my questions. 14 COMMISSIONER GOLTZ: I have one more. I 15 think I understood you correctly when I asked you some 16 questions earlier about QF's. I had an understanding about 17 how they're allocated now in Washington, and I think it was different from your understanding. 18 19 So I wanted to read to you two sentences, the last two sentences in paragraph 98 of our order in the last 20 21 rate case UE-130043. And you can tell me if this is wrong. 22 And if you need to make it subject to check, then over the 23 lunch hour you can check it. 24 So the last two sentences of paragraph 98 in

that order read, "Washington ratepayers remain responsible

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1 for paying for all power they use, but any power attributed 2 to an Oregon or California QF is priced at market rates, not 3 the higher prices from QF production in those states." 4 Do you agree with that? 5 THE WITNESS: That's what the Commission did. 6 COMMISSIONER GOLTZ: Right. But that's the 7 way it is done now? THE WITNESS: That's my understanding, yes. 8 9 COMMISSIONER GOLTZ: Okay. The second 10 sentence is, "At the same time, however, Washington rates 11 include 100 percent of the cost PacifiCorp incurs in buying 12 power from Washington QF's, whether higher or lower than 13 market rates, even though power from Washington QF's 14 arguably is also serving load in Oregon and Washington." 15 Do think that is that an accurate statement 16 of the way it's done now? THE WITNESS: Yes, it is. 17 COMMISSIONER GOLTZ: I may ask that of Mr. 18 19 Gomez as well. But thank you. 20 COMMISSIONER JONES: Judge Moss, if I could, 21 I just have one question on my list I didn't ask. It won't 22 be long, and I think we may have a break. 23 If we adopt Mr. Gomez' proposal we will have 24 to verify -- and it's in his testimony -- what are NPC 25 actual costs.

1 THE WITNESS: Yes. 2 COMMISSIONER JONES: Can we do that? How 3 easy is that going to be to do, because we've discussed this before, you have with the Bench. 4 5 The WCA of course is a pseudo, what I call a 6 pseudo. It's a representation of power costs, maybe not 7 actually how you dispatch it at the Company. So how are we going to -- are you confident, 8 and how would you and Staff work together to verify what are 9 10 NPC actual costs? 11 How would that be done, the operations of 12 that? 13 THE WITNESS: Yes. So prior to the last 14 case, we had used grid to create pseudo actuals, as they 15 were referred to. 16 COMMISSIONER JONES: Right. THE WITNESS: And in the last case, we 17 18 proposed a different method that did not use grid. It used 19 our books and records. 20 And my understanding -- so basically, since 21 we do dispatch on a total company basis, our loads and 22 resources in the WCA don't balance. So to the extent that we have too many resources, we back off, I believe it's the 23 24 highest cost purchases or set of purchases. So we get into 25 balance and then that's our actuals.

1 If we have not enough resource, then we back 2 off wholesale sales until our retail loads and resources are 3 in balance. 4 And my understanding is Mr. Gomez has 5 reviewed that, and in this case has basically endorsed that 6 method as reasonable. And we're happy to work with 7 Mr. Gomez to, you know, finalize that if need be. 8 COMMISSIONER JONES: Okay. Thank you for 9 that clarification. 10 JUDGE MOSS: Okay. We will offer an opportunity for follow-up. Does anybody have any? Are we 11 12 talking five minutes or less? 13 We do need to take a break. 14 MS. MCDOWELL: No follow-up. 15 JUDGE MOSS: All right. Good. 16 Then with that, Mr. Duvall, thank you for being with on the stand this morning. 17 18 We will take our morning break. Let's be 19 back in ten minutes. 20 (Recess.) 21 JUDGE MOSS: Back on the record. 22 23 24 25

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1	RICHARD A. VAIL, witness herein, having been first
2	duly sworn on oath, was examined and
3	testified as follows:
4	
5	DIRECT EXAMINATION
6	BY MS. MCDOWELL:
7	Q Good morning, Mr. Vail.
8	A Good morning.
9	Q Could you please state and spell your name for the
10	record?
11	A Yes. Richard Vail; R-I-C-H-A-R-D, V-A-I-L.
12	Q And do you have any corrections for your prefiled
13	testimony in this case?
14	A I do not.
15	MS. MCDOWELL: Thank you.
16	Mr. Vail is available for cross-examination.
17	JUDGE MOSS: All right. Ms. Davison, do you
18	still have ten minutes for Mr. Vail?
19	MS. DAVISON: I have less, your Honor.
20	JUDGE MOSS: Always music to my ears.
21	CROSS-EXAMINATION
22	BY MS. DAVISON:
23	Q Mr. Vail, good morning.
24	A Good morning.
25	Q You sponsored testimony supporting three proposed

1 pro forma capital additions in the case. And that would be 2 the Union Gap Substation upgrade, correct? 3 А That's correct, yes. 4 The Selah Substation capacity relief project, Q 5 correct? 6 А Correct. 7 And the Fry Substation project? 8 А Yes. So of those three, is it correct that the Selah 9 Q 10 Substation and the Fry Substation project are being taken out of the case because of the timing of when they go in 11 12 service? 13 А Yes. Both Selah and Fry, the in-service state has 14 been pushed out. But you're still seeking recovery of Phase 1 of 15 Q 16 the Union Gap Substation upgrade, correct? Yes. Phase 1 of Union Gap is in service. 17 А And is Phase 1 of --18 0 19 MR. OSHIE: Excuse me. The microphone's not on, and apparently Staff can't hear you. 20 21 MS. DAVISON: Sorry about that. I don't need 22 to start over, surely. Okay. 23 (By Ms. Davison) So we're going to focus on the Q 24 Union Gap Substation upgrade. Is the Phase 1 of that 25 project complete at this time?

1 A Yes, it is. It was put in service --2 JUDGE MOSS: Is your microphone on? The red 3 light should be illuminated. 4 THE WITNESS: Okay, there we go. 5 Yes, Union Gap Phase 1 is in service as of November 7. The majority of the project went in service in 6 7 August. (By Ms. Davison) But isn't it true that there's 8 Q 9 still a transformer that needs to be moved for that project 10 to be completed, Phase 1? 11 А No. In Phase 1, what we did in Phase 1 of this 12 project is there's three existing transformers, and two of 13 those transformers are being replaced with a new 14 transformer. That new transformer and all the distribution 15 switch gear was put in service in August. 16 And then the last transformer that we were moving was placed in service on November 7. 17 18 Q So there's no other transformer moves or anything 19 else that had needs to be done to complete Phase 1; it's 20 complete in totality? 21 That's correct. А 22 MS. DAVISON: Okay. I don't have any further 23 questions. 24 JUDGE MOSS: All right. Thank you very much. 25 Any questions from the bench?

1	COMMISSIONER JONES: No.
2	JUDGE MOSS: Mr. Vail, your time was
3	mercifully brief, I'm sure from your perspective. Thank you
4	for being here today.
5	And we should move to our next witness who
6	may not be so brief, and that will be Ms. Siores.
7	
8	NATASHA C. SIORES, witness herein, having been first
9	duly sworn on oath, was examined and
10	testified as follows:
11	
12	DIRECT EXAMINATION
13	BY MS. MCDOWELL:
14	Q Good morning, Ms. Siores.
15	A Good morning.
16	Q Could you please state and spell your name for the
17	record?
18	A Certainly. Natasha Siores; N-A-T-A-S-H-A;
19	S-I-O-R-E-S.
20	Q And do you have any corrections for your prefiled
21	testimony in this case?
22	A I do not.
23	MS. MCDOWELL: Thank you.
24	Ms. Siores is available for
25	cross-examination.

1 JUDGE MOSS: All right. I believe Public 2 Counsel has indicated 45 minutes. 3 MR. FFITCH: Yes, your Honor. We have 4 reduced that somewhat down to one line of questioning, so it 5 should be less time than that. 6 JUDGE MOSS: Thank you. CROSS-EXAMINATION 7 BY MR. FFITCH: 8 Good morning, Ms. Siores. 9 Q 10 Good morning. А 11 Q Could I ask you to please turn to page 7 of your rebuttal testimony? And that's NCS-10T. 12 13 JUDGE MOSS. What was the page again, 14 Mr. ffitch? 15 MR. FFITCH: Page 7, your Honor. 16 JUDGE MOSS: Thank you. MR. FFITCH: And it's Exhibit NCS-10T. 17 (By Mr. ffitch) Are you there, Ms. Siores? 18 Q 19 I am. А 20 And beginning at line 14 you discuss Public 0 21 Counsel's recommendation for excluding two incidents from 22 the 2012 insurance expense amount from the calculation of the six-year average in the company filing, correct? 23 24 А That's correct. 25 Q And in that section of your testimony, at line 18

0461 1 you indicate that the amount not covered by insurance for 2 those two incidents is ten million dollars each; is that 3 right? 4 А That's correct. 5 Q And am I correct that the Company's general 6 liability insurance policy includes a ten-million dollar 7 deductible for each claim? 8 That's my understanding that that's our current А 9 deductible, yes. 10 Q All right. So the Company is essentially responsible for the first ten million dollars on each one of 11 those claims? 12 А 13 Yes. 14 Can you please turn to Cross-Examination Exhibit Q 15 NCS-26CX? 16 That is the Company's response to Data Request 17 117. 18 А Yes. 19 Q Do you have that? 20 Yes, I'm there. А 21 Q Now, that data request discusses an incident known 22 as the Wood Hollow Fire, correct? 23 А Yes. 24 And in that response, you indicate that the Q 25 Company removed the Wood Hollow Fire costs from the filing

1 because the fire is currently the subject of ongoing 2 litigation, so the total costs are not known and measurable. 3 That's the nature of your response on the Wood Hollow incident, correct? 4 5 А It's what the response says. 6 I did not sponsor this data response. The -- what 7 I will need to do here today, for further details on our 8 insurance claims and litigation and our claims process, I need to defer to Mr. Stuver who will be speaking a couple of 9 10 witnesses after me. Or actually, he's next. In my position for revenue requirements, I can 11 12 talk about the six-year average and address other questions as I can. 13 14 But unfortunately, my depth of knowledge of this 15 subject matter, I'm deferring to Mr. Stuver on those 16 specific items. MR. FFITCH: Your Honor, the Company has 17 18 stipulated to the admission of the exhibit, but I'll be happy to follow up briefly with Mr. Stuver. 19 JUDGE MOSS: Fine. 20 21 Q (By Mr. ffitch) Can you please turn, Ms. Siores, to Exhibit 25CX, your Exhibit NCS-25CX? 22 А 23 Yes. 24 Q Do you have that? 25 I do. А

1 Q Now, would you agree that this response indicates 2 that each of the two matters that we mentioned earlier, for 3 which Public Counsel removes the ten million dollars, the associated ten million dollars for the deductible amounts, 4 5 that each of those matters remains unresolved? 6 А That's what the response indicates. 7 For the detail, again I defer to Mr. Stuver. 8 Q All right. Since these two matters remain 9 unresolved, is it known and measurable at this time that the 10 Company will be required to pay the full ten-million dollar 11 deductible for each of those two separate incidents? 12 А That's my understanding. 13 It's your understanding that it is a known and 0 14 measurable expense; that this expense for each incident is 15 known and measurable? I don't know -- again, I don't know where we are 16 А in terms of the litigation. 17 18 Q This response in 25CX states that the matter is 19 unresolved. 20 MS. WALLACE: I apologize for any confusion. 21 But in the process of preparing for hearing, we realized 22 that quite a few of these responses directed at Ms. Siores are better handled by Mr. Stuver because they don't involve 23 24 the revenue requirement aspect of an insurance expense, but 25 rather involve specific matters at hand.

1 So for pretty much all of those that involve 2 specific matters, we would ask those questions. He's here 3 today, up next. 4 JUDGE MOSS: He's the next witness. 5 Mr. ffitch, I think it will serve you better if you just ask him the questions. And if he refers anything back to Ms. 6 7 Siores --8 MS. WALLACE: You can get mad at me then. 9 THE WITNESS: I will stay in the room. 10 JUDGE MOSS: We'll have the yoyo witness 11 effect. 12 MR. FFITCH: I will just take that up, then, 13 with Mr. Stuver. 14 (By Mr. ffitch) I just have one other area, or Q 15 one other question, if you'll turn to your Exhibit 28CX. 16 That's the response to Data Request -- I'm sorry. 21CX. I 17 apologize. I'm there. 18 А 19 And this is the Company's response to Public Q 20 Counsel 78. And this does indicate that you are the 21 sponsor, so hopefully I'll be okay asking you about this. 22 А Yes. In this data request, among other questions, in 23 0 24 (d), we asked you to explain the relatively higher amount of 25 costs -- or net expenses, excuse me, for 2012, correct?

1 A That's correct.

Q And the answer that you provide in -- to (d) in this response is that while variability is typical, there are certain identified items in 2012 that explain this higher level, including certain fires, an oil spill, personal injury claims, and other matters, correct?

7 A That's correct.

8 Q And do you consider an oil spill to be a normal 9 cost associated with provision of electric service?

10 A I think any of these incidents, you know, this is 11 the purpose that we have insurance. And so the impacts upon 12 other assets that are near our property, I think that while 13 these incidents are unfortunate, they happen in the process 14 of running an electric utility.

15 Q I know some of this information is confidential 16 with respect to some of these claims, so I'm not asking to 17 you go into the confidential material.

18 Is it your testimony that an oil spill is part of 19 the normal ongoing operations of an electrical utility?

A It's my testimony that these events for which we incur an insurance liability is part of the variability that one can expect for an operation of our size and for running an electric utility.

Q Well, I guess I'm asking specifically whether an oil spill is part of a normal ongoing operational cost that 1 should be included in customer rates.

2	A Again, I think in terms of incidents for which we
3	incur an insurance liability, I think it belongs in the
4	six-year average that we use to determine an appropriate
5	level of insurance expense for the rate effective period.
6	Q So as I understand your testimony, you're saying
7	because you incur liability for it, you're recommending that
8	it be included in rates. That's the rationale, not the
9	nature of the event?
10	A Yes. To the extent that again, it's we're trying
11	to determine an appropriate level of insurance to of
12	insurance expense to include in the rate effective period.
13	And since 2011, my understanding has been that we
14	use a six-year average that has been previously stipulated
15	to by all parties to determine that level of expense.
16	MR. FFITCH: All right. Thank you, your
17	Honor.
18	I don't have any other questions. Thank you,
19	Ms. Siores.
20	JUDGE MOSS: All right. I believe Boise
21	White Paper has indicated 20 minutes.
22	MS. DAVISON: Thank you, your Honor.
23	CROSS-EXAMINATION
24	BY MS. DAVISON:
25	Q Good morning. We'd like you to turn to page 6 of

1 your direct testimony, NCS-1T, page 6. Are you --

2 A I am.

3 Q Thank you.

4 If you look at lines 6 through 8, you basically 5 state that for any capital additions under a million dollars 6 -- well, you tell me. For capital additions under a million 7 dollars, how are you treating those?

A So the lines you're referencing me to there explain the plant additions that we proposed in this case for pro forma additions. And those plant additions, the nature of those projects were characterized as items that would be placed in service before the rate effective period and greater than \$250,000 on a Washington allocated basis.

But again, as we had stated earlier, I think Mr. Dalley explained earlier, for our major plant additions we've adopted Staff's position to take those projects that we had proposed in our pro forma adjustment and then to cut off those items at the time of our rebuttal for projects that had been placed in service before that.

20 Q And what about for projects that are under a 21 million dollars?

How are you proposing to treat those?
MS. WALLACE: Objection. Can we have more
clarity around what "treat" means?
MS. DAVISON: For ratemaking purposes.

1 MS. WALLACE: Thank you. I didn't know if 2 she meant in testimony. 3 THE WITNESS: So for those less than 4 250,000--5 Q (By Ms. Davison) No, less than a million? 6 А Less than a million. 7 All of our pro forma plant additions are being proposed to be included in the case as long as they were 8 completed at the time of rebuttal. 9 10 And that is true for projects under a million 0 dollars as well? 11 12 А Yes. 13 Okay. And for the projects under a million 0 14 dollars, where can we find a description of those to verify 15 that they're used and useful? 16 All of the projects were described throughout the А case in my testimony as well as in my exhibits and 17 18 supporting work papers there. 19 We have a had a substantial amount of discovery on 20 the major plant additions in this case. We've answered 21 several data requests and have updated the requests. 22 We've provided actuals through June, again through August, and then again through September, as well as data 23 24 requests just a couple of weeks after Thanksgiving and then 25 again just last week. In adopting Staff's position we

provided a further update as to actual costs that have been
placed in service.

3 Q Thank you, but I'm not referring to major capital 4 additions.

5 I'm concerned about the capital additions from 6 \$250,000 to a million dollars. Where have you identified 7 what those projects are on an individual basis?

8 A On an individual basis, again, I've -- they're in 9 my direct testimony. We have descriptions. In my -- it 10 would be NCS-3, page 8.4.4. We provided descriptions there.

11 And again, throughout discovery we've provided 12 substantial amounts of project estimates and updates as they 13 have become actuals. And again we've done that for June 14 actuals, August, September, and again through the last 15 couple of sets of data requests within the last few weeks. 16 Before those projects from 250 to a million, the 0 totality of the description of those projects in terms of 17 18 your case, not responses to discovery but your case, are found in the exhibit that you just referenced; is that 19 20 correct?

A They're covered there, again as well as in supporting documentation we've provided in my Exhibit NCS-16. Just as a matter of or a point of reference. We provide the list of materials that we have provided. It's NCS-16, page 2. And in there we provide -- we point to more

1 places that we have provided information on these projects. 2 And the pages 4 and 5 of that same exhibit, just to provide 3 a snapshot of the project overviews, we provided the 78 4 total files in that data request alone to provide backup on 5 those projects. 6 MS. DAVISON: Okay. Thank you. No further 7 questions. JUDGE MOSS: Any questions from the bench? 8 9 10 QUESTIONS FROM THE COMMISSIONERS COMMISSIONER JONES: Yes. It's still 11 12 morning. Good morning. 13 THE WITNESS: Good morning. 14 COMMISSIONER JONES: Can you turn to page 6 15 of your rebuttal, what is what, NCS-10T. It's a few 16 questions on the pension accounting as proposed by Public Counsel. Are you there? 17 18 THE WITNESS: I am. 19 COMMISSIONER JONES: So just give me a little 20 context here if you would, please. 21 First of all, your actuarial report by Towers 22 Watson, that is not in the record, I don't think. So could 23 you submit that for the record? 24 THE WITNESS: Okay. 25 COMMISSIONER JONES: Is it confidential?

1 MS. WALLACE: I believe it's included as a 2 cross exhibit, but I'll confirm that. But we'll provide it 3 if it's not. 4 COMMISSIONER JONES: So again, Towers Watson 5 prepares a report for you every year, does it not, an 6 actuarial report? 7 THE WITNESS: Before I get too far over my 8 skis, I do want to mention again I may defer to Mr. Stuver as far as some of the accounting for pension and OPEB. 9 10 COMMISSIONER JONES: That's fine. If we have 11 to go to Mr. Stuver, we will. 12 So what I'm trying to get at is why you're 13 opposing this adjustment from Public Counsel and what this 14 411,000 refers to, and then Local 57 multiemployer plan 15 costs. 16 So in your testimony on page 6, are you asserting that Local 57 -- and by the way, what is Local 57? Is that the IBEW? What is that? THE WITNESS: I'm not certain what that is. 20 I know it's one of our --21 COMMISSIONER JONES: Trade unions? 22 THE WITNESS: Yes. 23 COMMISSIONER JONES: So you assert that it is 24 in the base historical period? THE WITNESS: It is. And our -- the issue 25

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1 that we were raising there is when Public Counsel had 2 proposed their adjustment, they took the cost straight out 3 of the actuarial reporting. 4 COMMISSIONER JONES: Correct. 5 THE WITNESS: And compared that with a number that did not have -- didn't have the Local 57 costs in it. 6 7 COMMISSIONER JONES: So you're --8 THE WITNESS: And the Towers Watson report 9 did not. 10 COMMISSIONER JONES: So you're asserting that 11 Public Counsel's adjustment compared apples and oranges: one in the test year it was in and then in rate effective period 12 of 2014 it was out? 13 14 THE WITNESS: Yes. And I believe in the 15 revised exhibit they adopted that, or corrected that. 16 COMMISSIONER JONES: And then this -- you say in lines 20 and 21, overstates its adjustment by 411,000. 17 So are you willing -- well, first of all, let 18 19 me get to the principle here. In many other parts of your 20 testimony you are supporting pro forma adjustments that go 21 beyond the test year and into the rate year, correct, 22 whether it's rate based or other adjustments? 23 THE WITNESS: That's correct. 24 COMMISSIONER JONES: But here you appear to 25 be opposing any sort of pro forma adjustment, correct?

1 THE WITNESS: We're opposing the narrow focus 2 of it. Our approach here, as it has been and as it's been 3 accepted by the Commission in the past, was to only move 4 forward or to pro forma just the wage portion of labor costs 5 and not any of the other labor costs, you know, that are 6 non-labor related, such as health care or 401(k) or any of 7 those other items.

8 The adjustment that was proposed by Public 9 Counsel was to take only the pension costs and no other 10 pension -- sorry; and no other labor costs not related to 11 wages.

And so our opposition to this is that it's a one-off. And if a pro forma adjustment for all labor costs should be considered, then you should look at other elements of non-wage labor costs.

16 THE COMMISSIONER: Okay. Like single issue 17 ratemaking.

But I think in fairness, if you look at Ms. Ramas' testimony, and we'll -- she'll be up later -- on page 27, there is something for OPEB, the other post-retirement employee benefits, right? THE WITNESS: Yes. THE COMMISSIONER: So that is another

24 wage-related cost, right, where I think she is proposing an 25 adjustment?

1	THE WITNESS: Yes, it was for pension and
2	COMMISSIONER JONES: OPEB, right
3	THE WITNESS: both decreases, yes.
4	COMMISSIONER JONES: So the 411, how should I
5	do the math on that?
6	Because I think on the pension part of it,
7	Ms. Ramas' adjustment, total company basis is 11.7 million,
8	Washington allocated 761,000.
9	And then you are, on lines 20 and 21, saying
10	the overstatement of a pension adjustment is 411,000. So
11	are you saying that you're willing to accept the difference
12	between those two numbers, the 761 minus the 537?
13	THE WITNESS: No. We just wanted to make the
14	record clear that if Public Counsel's adjustment were
15	adopted that it should be corrected for that. That was the
16	reason we drew that out.
17	COMMISSIONER JONES: So that's your estimate,
18	what you think the proper comparison of apples to apples, if
19	you include the Local 57 plan that it should be adjusted by
20	411,000?
21	THE WITNESS: That's what that adjustment is.
22	COMMISSIONER JONES: That's all I have,
23	Judge.
24	CHAIRMAN DANNER: So I wanted to ask you
25	about payroll expenses. During the test year,

1 January-December 2013, the FTE levels went down by 115 and a 2 half. 3 And then from June -- or January to June of 4 2014, they went down by another 27. 5 So we have 66 and a half FTE's fewer in June 2014 than the average number of employees during the test 6 7 year. 8 Now, as I understand it, the Company says 9 that these are temporary vacancies and the plan is to fill 10 them. And I'd like to get some information from you about 11 whether that is correct. How soon do you expect to do this? 12 Are you going to expect that there are always 13 going to be -- is there going to be churn so there's always 14 a certain number of vacancies? 15 So I guess I'd better stop with three 16 questions and let you catch up. MS. WALLACE: Chairman, my apologies, but 17 Mr. Stuver is our witness on the FTE levels. 18 19 CHAIRMAN DANNER: And he's coming next. MS. WALLACE: And he will be next. 20 21 THE WITNESS: I apologize, Chairman. I 22 didn't want to interrupt you. 23 Mr. Stuver also happens to be our HR witness 24 as well. 25 MS. WALLACE: Pretty much everything just

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1 goes to Doug Stuver.

2 CHAIRMAN DANNER: And he'd better not refer 3 it back to you. 4 THE WITNESS: I'll stay in the room. 5 CHAIRMAN DANNER: Then I have no other 6 questions. 7 JUDGE MOSS: Any follow-up? MS. MCDOWELL: Just a couple of questions, if 8 9 I may. 10 RE-DIRECT EXAMINATION 11 BY MS. MCDOWELL: 12 Just to clarify, Ms. Ramas did correct her Q 13 testimony to reflect this change, so that is available to 14 you. 15 So is it your understanding that the oil spill that Mr. ffitch was asking you about was the result of 16 electrical arcing from the Company's facilities? 17 Yes, that's my understanding. 18 А 19 And to your knowledge, going to what Ms. Davison Q 20 was asking you about, to your knowledge has any party 21 challenged the prudence of the projects between 250,000 and 22 one million in this case? 23 Not to my knowledge. А 24 MS. MCDOWELL: Thank you. 25 JUDGE MOSS: All right.

1 MR. FFITCH: Your Honor, I have a couple of 2 points, if I may. 3 JUDGE MOSS: All right. 4 MR. FFITCH: First of all, I believe 5 Commissioner Jones was asking about the actuarial report. 6 It's my understanding that it's not in the record, but it 7 was produced to us in response to Public Counsel 66. MS. WALLACE: I actually have copies at the 8 9 hotel and can bring those. 10 CHAIRMAN DANNER: Is that confidential? MS. DAVISON: No. I don't believe so. I'd 11 have to double check. Maybe it is. 12 13 JUDGE MOSS: Just bring it this afternoon and we'll sort out of the bench request numbers. 14 15 MR. FFITCH: That would become a bench 16 request, then. 17 (Bench Request No. 4 noted.) 18 MR. FFITCH: The other matter, your Honor, is I'm looking ahead to my Stuver cross and realizing that I 19 20 have been intending to show him one of Ms. Siores' exhibits, 21 just to ask him some wage and salary questions. And I'm 22 realizing that that could create problems perhaps if he's deferring back to her. She's on the stand right now. I'm 23 24 not sure whether these questions are better directed to her 25 or Mr. Stuver.

0478 1 JUDGE MOSS: Why don't you identify the 2 exhibit? 3 MR. FFITCH: It's NCS-3, sort of the big 4 revenue requirement exhibit attached to Ms. Siores' direct. 5 It's one page out of that quite large exhibit, page 4.3.6. 6 COMMISSIONER JONES: Which tab are you on, 7 Mr. ffitch? 8 MR. FFITCH: It's Tab 4, O&M adjustment. 9 COMMISSIONER JONES: What page? 10 MR. FFITCH: It's 4.3.6. 11 MS. DAVISON: Based on where I think you're going with it, it would be better directed at Mr. Stuver. 12 13 MR. FFITCH: Maybe I'll just ask an 14 identification question. 15 MS. WALLACE: We have no objection to you 16 using this. RE-CROSS EXAMINATION 17 BY MR. FFITCH: 18 (By Mr. ffitch) So this page, do you have that in 19 Q 20 front of you, Ms. Siores? 21 A I do. 22 This page includes all of the general wage Q increase adjustments that are being requested by the Company 23 24 in the case; is that correct? 25 A Yes, this is a monthly summary of the wage creases

1 by union group -- sorry; by employee group. MR. FFITCH: All right. And I do have a few 2 3 questions about it, but Ms. Wallace has indicated those 4 could go to Mr. Stuver. So that's all I have. 5 MS. WALLACE: And we also, given the amount 6 of information that we've deferred to Mr. Stuver, we have no 7 objection if parties have longer cross-examination of him than they anticipated, obviously. 8 9 JUDGE MOSS: Well, we allow some latitude 10 with respect to the estimates in any event. 11 Ms. Siores, it appears that your time with us 12 on the stand is complete. We appreciate your being here 13 today and you may step down. 14 I suppose it only is 11:30. I think we 15 should go ahead and start with Mr. Stuver. Sounds like he 16 may be here for hours. 17 DOUGLAS K. STUVER, witness herein, having been first 18 19 duly sworn on oath, was examined and 20 testified as follows: 21 22 DIRECT EXAMINATION BY MS. WALLACE: 23 24 Good morning, Mr. Stuver. 0 25 А Good morning.

1 Q Could you please state and spell your name for the 2 record? Sure. My name is Douglas Stuver; D-O-U-G-L-A-S, 3 А S-T-U-V-E-R. 4 5 Q And you're adopting the testimony of Mr. Erich Wilson in this case, correct? 6 7 А Yes, I am. Q Had do you have any correction or changes to that 8 9 testimony? 10 A I do not. MS. WALLACE: Thank you. 11 12 Mr. Stuver is available for 13 cross-examination. 14 JUDGE MOSS: All right. Just in case it was 15 unclear, this witness, Mr. Stuver, adopted Mr. Wilson's 16 testimony from the earlier phase. So your notebooks may be labeled, as mine is, with Mr. Wilson's name. 17 18 All right. Mr. ffitch, you indicate 30 19 minutes for Mr. Stuver. 20 I don't see any other party indicating cross-examination. So you may proceed. 21 22 CROSS-EXAMINATION BY MR. FFITCH: 23 24 Thank you. I am going to ask about I think two of Q 25 the cross exhibits that were identified for Ms. Siores that

1 were then referred on to you.

2 А Okay.

3 So I don't know if you have those there, but the Q first one is NCS-26CX, which is the Company response to 4 Public Counsel Request 117. This is regarding the Wood 5 Hollow Fire. 6

7 Yes, I have that. А

8 Q All right. And in this response, am I correct 9 that you were asked to explain why the Company was excluding 10 the costs related to the Wood Hollow Fire and why the reasons for exclusion did not apply to the other two 2012 11 12 incidents that we discussed with Ms. Siores.

And this relates that the Wood Hollow Fire was 13 14 treated by the Company as a subject of ongoing litigation, 15 so therefore not known and measurable, and by contrast, the 16 two incidents that we are raising involve known and 17 measurable costs.

18 That's the Company's position, correct? 19 I would say that's the position that's outlined in А 20 these data request responses. So no dispute on that point. 21 But I will say I have further thoughts on those 22 data request responses that I prefer to expand on at the 23 appropriate time.

24 Well, let's just go to the other request that I 0 25 wanted to look at with you, and that is NCS-25CX, which is

1 the response to Public Counsel 114?

2 A I have that.

3 And essentially, just to summarize, that states, Q does it not, that with respect to those two incidents that 4 5 we've raised -- well, we asked for an update. 6 And the response is there is no update and the 7 matter remains unresolved, correct? 8 А This is Public Counsel Data Request 114? 9 Q Correct. 10 I'm sorry. It's referring to a different data А 11 request. I'm not clear on what's being updated here. 12 MS. WALLACE: It may be helpful to look at the response to 86 so he knows which events --13 14 MR. FFITCH: I'm happy if the witness can be handed 86 if he hasn't. 15 16 THE WITNESS: I do have that. I just need a moment to refer to 86 to connect the dots here. 17 MR. FFITCH: All right. 18 19 THE WITNESS: And 86 refers to 78, so if I could have a moment to also refer to 78. 20 21 MS. WALLACE: And 86, for everybody's information is NCS-22CX, and 78 is NCS-21CX. It's what 22 23 happens when you try to keep confidential information out of 24 each data request. 25 THE WITNESS: I think I'm current.

1 (By Mr. ffitch) All right. So this request in 0 2 25CX -- the response, rather, states that these matters --3 there's no update and the matters are unresolved. That's --4 А Yes. 5 Q All right. Is that still the case? I would say largely the case, yes. 6 А 7 In the case of Wood Hollow we've had ongoing 8 mediation and settlements with the Wood Hollow claimants. 9 In the other fire matters, there's been no change to the Company's view of the liability associated with 10 11 those. 12 Q All right. Is it your testimony that it is known 13 and measurable at this time that the Company will be 14 required to pay its full ten-million dollar deductible for 15 each of those two unresolved incidents? 16 А Yes. This is where I think I mentioned earlier I have some further thoughts. 17 From my point of view, I believe that all of these 18 19 claims are known and measurable. You know, we have accrued 20 on our books for these expenses on the basis of the 21 accounting rules, which say if this loss is probable and 22 reasonably estimable, then you have to accrue your best 23 estimate of those losses. 24 We have accrued for Wood Hollow, we have accrued 25 for Chevron, we have accrued for the Williams Creek Fire.

And in these different fires and claims, you know, we do have some counterclaims, if you will, where we're seeking recovery from third parties who may have contributed to those or solely been responsible for those.

5 But based on our understanding of the facts in 6 each of those, we feel we have crossed that accounting 7 recognition threshold of it's probable that the loss has 8 been incurred and we can reasonably estimate that.

9 Specifically on these counterclaim items where we 10 might recover dollars back, the accounting rules are also 11 restrictive on that point, where it's easier to record a 12 loss than it is to record a gain, essentially, from an 13 accounting standpoint.

So in terms of our pursuit of recovery from these third parties, we can't record that on our books until we actually have a final contract or the cash, either, that would demonstrate that they admit their liability and they are willing to pay and will pay those amounts to the Company. So despite us pursuing those further recovery items, we've not recorded those.

There may be some future offset that results. And if and when that future offset occurs, I think the mechanism that Washington currently has in place is very effective at dealing with that.

What I mean is when those recoveries occur, that

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will be an offset to expense and will be part of the
 six-year averaging that we do to come up with our total
 claims expense for the Company.

4 So the fact that we are accruing an expense now 5 despite there not being a full and final resolution of the 6 claim, I feel like we are meeting a known and measurable 7 test. The accounting rules are, you know, the basis for our 8 deciding to recognize that.

9 And if the mandate instead was you have to have 10 everything fully and finally resolved, then I think there's 11 a different recovery mechanism that better suits that. And 12 that's more of a cash basis method of recovery that says 13 only what you've paid out is what you should be recovering, 14 not what you've expensed.

15 As I understand it, in Washington, it's a function 16 of what you expense that's the basis for recovery. So if we were to move to a cash basis method, we'd certainly want to 17 18 make sure that we have a transition, a proper transition 19 that takes place so we, the Company, don't double recover on 20 expenses that have previously been incurred, nor miss claims 21 that have not yet been expensed and frankly that we wouldn't 22 have paid something out unless it's already been expensed. So I think that issue, probably, we don't have to worry 23 24 about.

So maybe just to quickly summarize, if we were to

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move to a cash method of recovery, we'd want to make sure 1 2 that we set that up in a way that the Company does not 3 double recover on costs that had previously been expensed. Mr. Stuver, was the Company paid out any part of 4 Q 5 the ten million dollars on either of those two separate claims? 6 7 So in the case of Williams Creek, yes. We have А 8 settled one portion of the policy exposure. 9 Q And I'm sorry; I'm not asking you to get into 10 confidential material with that question. 11 А Okay. Sorry. I'm not clear on where those confidential boundaries have been drawn. 12 13 But on one of those two claims, yes, we have paid out a portion of the total liability. It was a relatively 14 15 small portion, though. 16 The larger portion of that involves fire 17 suppression costs. And those are still ongoing. 18 Q All right. And you had been in your answer 19 discussing some possible recoveries that the company might 20 obtain in connection with counterclaims as I understand it; 21 is that right? 22 А Yes. I don't know if that's the correct legal 23 term. But effectively it's where we're pursuing recovery 24 from third parties that we feel have some liability as well 25 in these.

1 And again, in those cases we haven't reached an 2 advanced enough stage with those counter claims to be able 3 to recognize that as an offset.

Q All right. But the matter that we're discussing
here is the liability expense of the Company --

6 A Yes, that's correct.

7 Q -- recoveries?

8 A That's correct. However, again from an accounting 9 standpoint, any recoveries would ultimately go against that 10 same expense and be captured in that six-year averaging 11 window that applies in Washington.

12 Q It sounds like in what may be layman terms what 13 you're saying is the Company's preference is to estimate 14 whether they will -- maybe assume that they will pay out 15 these claims and put that into rates. And the customers 16 will pay for that pending some final resolution of the 17 claims down the line, and because of the operation of the 18 accounting mechanisms you're talking about, it will get cleaned up later on? 19

A I would say inherently any time the Company recovers costs on an expense rather than a cash basis, then the driver for recovery is that expense. And in our case the company has recognized that expense.

If we set that expense aside and say we haven't paid it out yet and therefore, it doesn't qualify, in my

1 mind we're moving to a different method of recovery. We're 2 now moving to the cash method of recovery, which I do not 3 believe is the policy of this Commission. 4 Q But you still have to know that that expense is 5 going to be known and measurable, don't you? 6 Yes. And I believe those expenses are known and А 7 measurable. We have found for accounting purposes that it is probable that we have incurred those losses for the 8 9 amounts that we've recorded. 10 Q All right. Let's move on to the area of wages and 11 salaries. And this is where I want to refer to Ms. Siores' schedule that we just talked about. 12 А 13 Sure. 14 Q Do you have a copy of that there? This is again 15 page 4.3.6 from her NCS-3T -- or not 3T, just NCS-3? 16 Yes, I have that in microfont. А Yes, you need a magnifying glass with you. 17 0 18 First of all, you agree that the start test period that's used in preparing the Company's filing is the 19 20 12-month period ending December 31, 2013? 21 А Yes. 22 And you agree with Ms. Siores that this page that 0 23 we're looking at shows all of the salary and wage increases 24 that are incorporated in the Company's rate request in this 25 case?

1 A I do. 2 0 And if you could lock at the bottom of the page, 3 you see that's a footnote (1) there? 4 А Yes. 5 Q And can you just read that? 6 А Yes. It says, "Projected labor increases 7 supported by planning targets." So am I correct -- and we see those shown in the 8 Q far -- the various lines or rows are footnoted on the far 9 10 right-hand side of the exhibit right? А 11 Yes. 12 So am I correct that for the salary and wage 0 increases identified with the numeral 1 at the end of the 13 14 row, these are not based on amounts contained in ratified 15 union contracts? 16 Yes, at the time this was prepared. А Are there any ratifications that have occurred 17 0 18 since this was prepared that you're aware of? I might have to refer to our team for А clarification on that one. 21 Q Okay. Do you want to take a minute to do that? 22 JUDGE MOSS: We can get clarification later. I'll count on the Company to bring that forward. 23 24 0 (By Mr. ffitch) Mr. Stuver, if you look at the 25 exhibit again, you can see that each of the columns has a

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1 month and a year, correct?

2 A Yes.

3 Q And is it correct that this exhibit shows that the 4 Company's including in its rate request projected January 5 2016 increases for nonunion groups?

6 A Yes.

Q And also projected February 2016 increases for
groups that are identified as not having ratified contracts?
A That's correct.

10 Q Would you agree that for the three-month recent 11 Pacific Power & Light Company cases before this Commission 12 the pro forma salary and wage increases did not extend more 13 than twelve months beyond the end of the test period?

14 A Yes.

MR. FFITCH: Thank you, Mr. Stuver. Those are all my questions.

JUDGE MOSS: Thank you Mr. ffitch. No other party has indicated cross for this witness, but we may have questions from the bench.

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21 QUESTIONS FROM THE COMMISSIONERS

22 COMMISSIONER GOLTZ: Well, I had none, but I 23 just want to clarify a little bit because of the issue 24 Mr. ffitch raised about the recovery of costs of an 25 incident. And just picking a hypothetical one, not from the

1 record, but assuming a ten-million dollar liability, some 2 accident or whatever, and you are responsible for that. 3 So I gather you said it would show up on your -- it would accrue on your books at ten million dollars, and 4 5 then that ten million would go into the six-year average? 6 THE WITNESS: Yes. 7 COMMISSIONER GOLTZ: And you said you assume 8 there's a cross claim, which I think is the correct legal 9 term. Two years later you get ten million dollars from a 10 third party. That ten million dollars would be offset and 11 go in the six-year average starting then? 12 THE WITNESS: Yes. COMMISSIONER GOLTZ: So we'd have two 13 14 overlapping six-year periods, but overall justice would be 15 done, everything would come out even? 16 THE WITNESS: Correct. COMMISSIONER GOLTZ: So the Company would be 17 18 made whole and the ratepayers would be made whole? 19 THE WITNESS: Correct. 20 COMMISSIONER GOLTZ: I quess my question is, 21 you have a ten-million dollar liability accrued, and then 22 two years later you're at trial with the cross claimant and 23 the cross defendant says, Let's split the different, five 24 million each. Why wouldn't the Company just say, "Sure"? Isn't the incentive then for the Company to 25

1 be perhaps less than vigorous in pursuing a cross claim 2 because they will have been made whole because the ten 3 million dollars will already be in the six-year average? 4 THE WITNESS: From my perspective, no. 5 I guess the backdrop to that question 6 suggests that if the Company has gotten money from 7 customers, then they're happy and not willing to be more 8 aggressive to further defend our customers. And that 9 certainly is not our belief or practice as a company. 10 We're always looking for ways to try to 11 minimize costs for our customers. And we will certainly 12 aggressively pursue recovery. And it has no bearing, what 13 we've previously recovered or not recovered. It's a matter 14 of what do we think is the most value we can get, whether 15 we're representing the Company, the customers, period. 16 COMMISSIONER GOLTZ: Were you prepped for 17 that question? 18 THE WITNESS: No. 19 COMMISSIONER GOLTZ: No further questions. 20 CHAIRMAN DANNER: So you heard my question 21 earlier when I asked it of Ms. Siores, and it had to do with 22 the staffing levels. 23 Obviously there have been some reductions. 24 And you assert that these are temporary, but they seem to be 25 going for quite some time. At what point do these become

just part of the churn, where you're always going to have a percentage of vacancies and we should adjust accordingly? THE WITNESS: Sure. Right. So when we reflect -- let me start with when we prepare our budget, we're reflecting who we believe to be the number of people employed in a full-time equivalent capacity at that time in our plant.

8 In terms of you know, the declines that we've 9 seen, that's been an ongoing partly -- you know, the 10 attrition factor that you've mentioned and partly a 11 conscious effort where we're saying with every vacancy that 12 we experience as a company, is there a way that we can 13 internally absorb that without having to replace that 14 position.

15 That's just a general process of the Company 16 overall, because sometimes you may find yourself managing a 17 department where you're comfortable with the fit as it's 18 currently configured and the workers that you have, but if 19 you lose that one person there may be ways to shift that 20 work around and find a more effective way, cost-efficient 21 way, to manage your business or departmental

22 responsibilities.

23 So I would say those declines that we've seen 24 have been a function of, you know, ongoing attrition that 25 can be challenging in certain areas to replace, as well as

0494 1 just our practice in general of trying to minimize costs. 2 There's a limit to how far you can go with those 3 practices, though. At some point your departments become so thinly staffed that you can't manage the work force or the 4 5 workload that goes with that anymore. And I feel like what you've seen certainly is steady declines over time in our 6 7 work force levels, but that's not sustainable for us as a 8 company. We can't keep managing our business with those attrition rates continuing and continue to effectively serve 9 10 our responsibilities. 11 CHAIRMAN DANNER: Right. But sometimes you 12 just recognize that filling those positions takes longer than it used to? 13 14 THE WITNESS: Certainly. 15 CHAIRMAN DANNER: I think you face the same 16 challenges in hiring good people sometimes takes longer than hiring other people? 17 18 THE WITNESS: Yes. 19 CHAIRMAN DANNER: So if you realize those 20 vacancies are going to last longer, then you sort of kind of 21 budget that you're going to have a certain percentage of 22 vacancies. 23 THE WITNESS: Right. 24 CHAIRMAN DANNER: And I don't see that you've 25 really done this. You're saying, okay, we're asking as if

1 we have full staffing, but we don't have full staffing. 2 And is that a temporary situation or a 3 permanent situation? 4 THE WITNESS: Over time we've changed our 5 budgeting practices. We actually, from a work force level, 6 had previously budgeted to include vacancies. We don't 7 budget anymore for those vacancies, meaning that if we have a budgeted work force previously of, say, 6,000 full-time 8 9 equivalents, included within that was the number of 10 positions at any point in time we thought would be vacant. 11 We've since changed our budgeting practices to remove that vacancy factor. So if we thought there would 12 13 be 6,000 positions, of which say 300 would be vacant, under 14 today's practices we would budget that as 5700 positions, 15 not 6,000. 16 CHAIRMAN DANNER: So the plan would be, saying you've got a reduction of 66 and a half FTE's lower 17 18 than the average in the test year, those are vacancies that you're planning too fill during the next twelve months? 19 20 THE WITNESS: Yes. And the budget figures

21 that you've seen in these data request responses are the 22 prior business plan, so the fall 2013 business plan budget. 23 We have since completed a fall 2014 business 24 plan budget. And the positions that we're showing for 2015 25 as a company are at the end of 2015, 5,377. The test period

1 average full-time equivalents is 5,375.

2 So our budget with no assumed vacancies -- in 3 other words, yes, you know, the 5,377, at any point in time there will be vacancies that we're trying to fill, but we're 4 5 not counting that as part of our budgeted work force levels. So we are projecting in our budget that we will have a 6 7 trained work force, you know, on hand at that 5,377. 8 CHAIRMAN DANNER: So the next general rate 9 case, we'll see that you're back up to full staff? 10 THE WITNESS: That's our strong desire, yes. 11 CHAIRMAN DANNER: And then I don't think this was your exhibit, but a question about the -- some of 12 13 these you use contract folks to fill in short term? 14 THE WITNESS: Yes. 15 CHAIRMAN DANNER: The expenses of that are 16 comparable or similar to actual employee costs. Can you 17 comment on that? 18 THE WITNESS: Yes. I mean, certainly the 19 makeup of the pay for a contract worker would be different 20 than a full-time equivalent employee. 21 We don't pay benefits to those workers. But 22 the rate that we pay for those contract workers, you know, 23 is negotiated. But generally I would believe it at least 24 compensates them at levels that the company would pay and in 25 some cases higher than what the company would pay a

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1 full-time equivalent employee. 2 CHAIRMAN DANNER: And then of the 66 vacancies we talked about, how much contract labor are you 3 4 using to backfill those? 5 THE WITNESS: I can't necessarily speak just to the 66 that you're referring to. 6 7 But in terms of total contract labor for the company as a whole, we have over 400 contractor positions on 8 9 hand today. CHAIRMAN DANNER: Out of a work force of? 10 11 THE WITNESS: 5,200 and change. 12 CHAIRMAN DANNER: Close enough. THE WITNESS: Yes. 13 14 CHAIRMAN DANNER: All right. Thank you. 15 Those are my questions. 16 JUDGE MOSS: Okay. Anything else? COMMISSIONER JONES: Just a question of 17 clarification. 18 19 That 5,377 number you quoted is PacifiCorp; it includes the three subs, subsidiaries? 20 21 THE WITNESS: Yes. 22 COMMISSIONER JONES: Pacific Energy, Pacific Power, headquartered in Portland, and Rocky Mountain Power 23 24 headquartered in Salt Lake City? 25 THE WITNESS: That's correct. All of the

1 numbers, including the numbers quoted in this case, are at 2 that level. JUDGE MOSS: All right. Any follow-up? 3 4 MS. WALLACE: Just two questions, your Honor. 5 MR. FFITCH: Your Honor, I'm sorry. Because a new topic came up in questions from the bench, would it be 6 7 okay if I asked a couple of follow-up questions on the staffing levels before Ms. Wallace has her batting cleanup? 8 9 JUDGE MOSS: You can go first. 10 MR. FFITCH: Thank you. I appreciate that. RE-CROSS EXAMINATION 11 12 MR. FFITCH: Would you agree, Mr. Stuver, that from the start 13 0 14 of the test here, from January 2013 to June 2014, the FTE 15 count for PacifiCorp -- and you can tell me if I should be 16 saying PacifiCorp or Pacific Power -- but the FTE count declined? 17 А 18 Yes. 19 And --Q 20 А These are PacifiCorp head count.

21 Q Sorry. Could you restate that?

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22 A The head count in the data responses are23 PacifiCorp.

Q And that did show a decline between January 2013 and June 2014?

1 A Yes, that's correct. 2 0 And isn't it also true that the employee FTE --3 sorry, back up -- the FTE equivalent declined further below 4 the June 2014 level up until November 2014 until there was a 5 slight increase in November? 6 А Correct. 7 MR. FFITCH: Okay. Those are all the questions. Thank you, your Honor. 8 9 JUDGE MOSS. All right. 10 RE-DIRECT EXAMINATION BY MS. WALLACE: 11 12 So when you were discussing the Williams Creek Q 13 Fire with Mr. ffitch, you mentioned that the remaining costs 14 that have not been settled by the fire suppression costs. 15 To your knowledge, did we receive an estimate of 16 the fire suppression costs from the Department of Forestry? А We did. 17 18 Q You don't need to say what it is. 19 I won't. But the amount we accrued is based on А 20 that report. 21 Q And auditors have to confirm that it's appropriate 22 to book the liability expense, correct? 23 А Yes. I mean in fairness, the auditors have a 24 materiality threshold. They audit our books as a whole, and 25 that is one item, and I would say that liability is one of

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1 the more material items in our financial statements. 2 MS. WALLACE: Thank you. 3 JUDGE MOSS: All right. Our timing is 4 superb. 5 Mr. Stuver, thank you for being with us on 6 the stand today. 7 And after lunch -- we're going to take our 8 break now -- there's a bench question for Coughlin. So if 9 Ms. Coughlin can be made available by phone at say 1:15, 10 that would be most convenient. And so that will be the end of our break, 1:15. All right? 11 12 MS. MCDOWELL: Is there anything for Ms. Crane or Mr. Ralston? We'd be happy to --13 14 MS. WALLACE: I just wanted to make sure, 15 since --16 JUDGE MOSS: Apparently not. Off the record. 17 (Luncheon Recess.) 18 JUDGE MOSS: Back on the record, please. 19 Mr. Oshie for Staff has indicated that there 20 are apparently some slight revisions to a footnote for Mr. 21 Kouchi's testimony. And you've discussed the matter with 22 the Company and they are fine with an errata? 23 MS. WALLACE: Apparently, yes. 24 JUDGE MOSS: Apparently your client didn't 25 discuss it with you. That's all right. You got direction

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1 from the right source.

2	So then Mr. Chriss's Exhibit, or what was
3	that exhibit that you just showed me?
4	MS. WALLACE: That was Mr. Wiedman.
5	JUDGE MOSS: Mr. Wiedman. Okay.
6	MR. WIEDMAN: I have with me today a data
7	request, WUTC Data Request No. 11, which updates the number
8	of PacifiCorp's net metering customers as of October 21,
9	2014.
10	I've spoken with PacifiCorp's counsel, and
11	they've agreed to allow me to stipulate that in the record.
12	And if it's all right with you, then I will file that
13	tomorrow and serve it on the parties electronically, and
14	that will allow me to waive cross with Ms. Steward.
15	JUDGE MOSS: That's fine. What's the new
16	number?
17	MR. WIEDMAN: Good question.
18	JUDGE MOSS. It was 149 before, as I recall.
19	MR. WIEDMAN: That would be MEF-9, your
20	Honor.
21	JUDGE MOSS: No, I meant the number of
22	customers.
23	MR. WIEDMAN: Sorry.
24	MS. WALLACE: 227.
25	MR. WIEDMAN: It is 227, your Honor.

1	JUDGE MOSS: I was just curious. All right.
2	Thank you very much for that.
3	Now, Ms. Coughlin is on the phone.
4	Ms. Coughlin, because of our procedures being
5	what they are, you'll need to be sworn.
6	
7	BARBARA A. COUGHLIN, witness herein, having been first
8	duly sworn on oath, was examined and
9	testified as follows:
10	
11	JUDGE MOSS: Thank you very much. Your voice
12	is a little faint. So if you can maybe speak up just a
13	little bit when we proceed here, your counsel is about to
14	put you on the stand.
15	THE WITNESS: Okay.
16	DIRECT EXAMINATION
17	BY MS. WALLACE:
18	Q (By Ms. Wallace) Good afternoon, Ms. Coughlin.
19	A Good afternoon.
20	Q Could you please state and spell your name for the
21	record?
22	A Yes. My name is Barbara, B-A-R-B-A-R-A; Coughlin,
23	C-O-U-G-H-L-I-N.
24	Q And do you have any changes to your prefiled
25	testimony in this case?

1 A No, I do not. 2 Q Thank you. 3 MS. WALLACE: She's available. JUDGE MOSS: The questions for Ms. Coughlin 4 5 are from the bench. 6 7 QUESTIONS FROM THE COMMISSIONERS CHAIRMAN DANNER: All right. This is 8 9 Chairman Danner. And I want to thank you for making 10 yourself available this afternoon. I appreciate it. 11 I don't think this is going to take too much 12 time. I wanted to ask you, though, about your testimony 13 with regard to the non-radio-frequency meter accommodation 14 charge. As I understand it, this is basically -- this is to 15 allow people who have concerns about radio frequency, 16 whether you agree or disagree that those are valid concerns, you were nonetheless offering them an opportunity to change 17 18 out the smart meter for a non-radio-frequency meter; is that 19 correct? 20 THE WITNESS: Well, we are offering a nonstandard meter change. But we do not have smart meters 21 22 as part of our system. We --23 CHAIRMAN DANNER: Okay. I'll -- I was using 24 that as shorthand for radio-frequency-meters, or standard 25 meters.

1	THE WITNESS: Okay.
2	CHAIRMAN DANNER: So you agree with that?
3	THE WITNESS: Yes.
4	CHAIRMAN DANNER: Okay. So on page 12 of
5	your testimony, you're proposing an upfront one-time fee of
6	\$240. And that caught my eye, because I'm aware of what
7	goes on in a number of other states and a number of other
8	companies, including some that are part of the PacifiCorp or
9	Berkshire Hathaway family, and I'm seeing that prices that I
10	see for this service in other jurisdictions are considerably
11	less.
12	I was wondering if that's your understanding
13	as well?
14	THE WITNESS: The prices do vary, Chairman
15	Danner, depending on the jurisdiction.
16	And that purely goes back to looking at the
17	cost within each state based on the cost of the wages. We
18	have different contracts in different locations. And so
19	costs vary.
20	We also use our mobile tracking mobile
21	tracking management system determines the time. So each
22	state's variables, the wages, the time, does differ.
23	And so we used what was specific to
24	Washington when we created, developed that fee. And that
25	fee does cover the installation as well as the subsequent

1 removal when that customer leaves.

2 CHAIRMAN DANNER: So these -- I mean, I'm 3 looking at, for example, in Sacramento, SMUD, would you have any reason to disagree that the charge is \$127 with a \$15 a 4 5 month meter reading fee? 6 THE WITNESS: I do not have any information 7 on another utility. CHAIRMAN DANNER: Or NB Power, where it's 8 9 \$98.75, because these seem like striking differences. 10 And when I looked at your exhibit, BAC-3 --11 THE WITNESS: Right. 12 CHAIRMAN DANNER: I have a few questions on 13 that. I guess I'll start at the bottom of the page. 14 Why is it that there are some times when it's 15 a one-way trip and other times it's a two-way trip? 16 Can you explain that to me? THE WITNESS: It would depend on which part 17 18 of the process they would be doing. Like if you're going out for a meter reading and it's a special meter reading 19 20 where that's the only thing they have to do, is go get that 21 manual meter reading, it's dependent on the work whether 22 it's a one-way or two-way. 23 I guess I would ask for more specifics, which 24 one concerns you? 25 CHAIRMAN DANNER: Well, let's go through what

1 is the process, then, for installing a non-radio-frequency 2 meter?

And you go through the cost, but maybe you could just sort of describe for me what has to be done in terms of going out and replacing that meter and then what is done with the meter.

7 THE WITNESS: Okay. So when the call comes
8 in, an order would be dispatched to the metering group.
9 They would have to get from their stock the nonstandard
10 meter.

11 They would have to go to the site. They 12 would have to do the removal of the nonstandard meter, they 13 are -- the standard meter to put on the nonstandard meter. 14 They would have to come back to the shop. 15 They would have to do all their paperwork to make sure the 16 meter exchange is shown within the system. They would have 17 to turn that meter back in the shop because it would have to 18 be tested as it came back in, and then it would have to go 19 through the inventory process after the testing to get put 20 back into inventory.

21 CHAIRMAN DANNER: So on line 1B where it says 22 less standard meter cost, that \$31 is the cost of the 23 standard meter?

24 THE WITNESS: Right. Right. So what we did 25 was end up charging the full cost of this nonstandard meter.

2 cost. So they're just paying the incremental cost of the 3 nonstandard meter. 4 CHAIRMAN DANNER: And then testing and 5 restocking actually costs more than the price of the meter? 6 THE WITNESS: Yes, doing the test, right. 7 CHAIRMAN DANNER: So then on line 3C, you're 8 also testing and restocking the removed meter. Is that a 9 different one than the one on 2D? 10 What's going on there? 11 THE WITNESS: That's when it comes back. So 12 when the customer then goes to leave the system, we would 13 then have to go back out and repeat the process and take out 14 the nonstandard meter, put in a standard, bring that meter 15 back to the shop and go through that process. 16 CHAIRMAN DANNER: So in other words, you are 17 putting in the one-time cost, the cost of that customer 18 eventually leaving or dying or moving out of the system, so 19 that you would install a standard meter in that residence? 20 THE WITNESS: Right. Right. So that 21 standard meter then can be picked up in the -- with the

We're giving them the credit for what a standard meter would

comes in.

CHAIRMAN DANNER: Okay. And again, for the

automated meter reading system so that we don't have the

manual metering continuing to go on when the new customer

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1 MTX, the meter exchange, you have the cost there as a 2 one-time -- as a one-way trip, but for the MSR and GSR 3 that's a two-way trip. 4 And again can you explain why you bill one as 5 a one-way and the others at two-way? 6 THE WITNESS: Just a moment and I'll look at 7 that. That is because that's a scheduled trip. So 8 9 someone especially is assigned to go do that, to go there 10 and back as opposed to when it is just done as part of the 11 normal route where they go from Address A to Address B. 12 CHAIRMAN DANNER: So the meter exchange is 13 going -- that person is going there anyway? 14 THE WITNESS: It's just part of their regular 15 work schedule. 16 CHAIRMAN DANNER: Okay. so it's billed as a 17 one-way trip. 18 THE WITNESS: Yes. 19 CHAIRMAN DANNER: On line -- Footnote 2 it 20 says the time listed to test restock is based on a meter 21 engineering study. 22 Can you explain, what is that meter 23 engineering study? Who did that? 24 THE WITNESS: That is our meter engineering 25 department. They did an analysis for us to identify the

1 time that their folks were doing that work for a short time 2 because that is not -- the rest of these calculations came 3 from work order data that was within the application that manages their work. The meter restocking, that part is not 4 5 included in any application where we have an automated tracking of time. So they did a study so that we would be 6 7 able to identify how much time that actually took. 8 CHAIRMAN DANNER: Okay. And there are some 9 utilities around the country that don't provide any opt-outs. There are some that require opt-ins for smart 10 11 meters. 12 Did you have any discussions about whether to 13 provide this service at all? 14 THE WITNESS: We discussed -- we get a number 15 of letters from customers who monitor through the Internet 16 what's going on in other areas with regard to smart meters. 17 And because customers don't necessarily understand the 18 difference in the meters that we currently have in the 19 field, the one-way communication technology that we refer to as AMR meters, customers would -- not just Washington 20 21 customers, but throughout our six jurisdictions would 22 communicate to us that they did not want the smart meter 23 technology, that they knew we were driving down and we were 24 reading.

So the discussion was yes, let's give those

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1 customers who in their minds have legitimate concerns about 2 this technology that that is a problem for them, an 3 opportunity to not have that meter at their location. So it 4 was purely an accommodation for customers who have a belief 5 that that meter is a problem for them. 6 CHAIRMAN DANNER: And are these -- how many 7 such requests have you had inside the Washington service 8 territory? 9 THE WITNESS: You know, I'm sorry, Chairman 10 Danner. I don't have that. 11 And when I learned of this call today, the 12 gentleman who keeps those records is actually on vacation, 13 so I couldn't get that. And in case that was a question you 14 had, I'm sorry. But we can follow up. 15 I can tell you we have it in another 16 jurisdiction. It's been that way now for over a year. And we probably have installed around 20-some in Utah. 17 CHAIRMAN DANNER: Okay. Okay. So we're 18 19 talking about a handful. 20 Are they more concerned about radiation or 21 about privacy? 22 THE WITNESS: It's mixed. But I would say 23 that more of them are the radio frequency and their health 24 than privacy. But we occasionally get one with privacy 25 concerns.

1 CHAIRMAN DANNER: Thank you. That's all the 2 questions I had, and I appreciate your time today. 3 THE WITNESS: You're welcome. 4 JUDGE MOSS: Commissioner Goltz has a 5 question. 6 COMMISSIONER GOLTZ: Thank you. Ms. 7 Coughlin, this is Commissioner Goltz. So following up on 8 the exhibit, BAC-3, I see that the hourly rate for the manual reading is 64.74 and the hourly rate for a so-called 9 10 meterman up above on line 2 is \$98.39. 11 What's included in those costs? 12 Is that -- I assume it's salary and benefits, 13 but what else? 14 THE WITNESS: Right. The activity rate is 15 just a general wage rate. And I can't answer exactly what's 16 in the activity rate, but it's referred to as an activity rate. And they're different because it's two different work 17 18 classifications that do that type of work. 19 COMMISSIONER GOLTZ: Sure. I understand the difference. I'm sure there's a difference. 20 21 But I guess my question is, does that include 22 some portion of allocated overhead or is this cost study 23 that you've -- the Company has done here simply the 24 incremental costs of the -- just directly attributable to 25 the installation and removal of the meters?

1 THE WITNESS: This is their wages and some 2 portion of the allocated overhead, as you've mentioned. 3 COMMISSIONER GOLTZ: So it's not just that's specifically attributed to this function, but there's going 4 5 to be some of the general company overhead in this as well? 6 THE WITNESS: Right. But the cost calculated 7 for this purpose is that activity rate times whatever 8 portion of an hour the work is. 9 COMMISSIONER GOLTZ: Right. And this is -- I 10 just noticed this, but I see that the travel time in line 2(C) for installation of a meter is 33 one-hundredths of an 11 12 hour and the travel time to read a meter is 29 13 one-hundredths. 14 Is that some rounding error? 15 THE WITNESS: No. It's a study based on how many trips to do that type of work. That's where I was 16 17 referring to we used our work management system to say how 18 many of these will we do, what is the average amount of time 19 that it takes to do it, to use the actual data to make those 20 determinations. 21 COMMISSIONER GOLTZ: And under your proposal, for the installation of the non-radio-frequency meter, if 22 23 someone wants that they are charged in effect twice, once 24 for installation and once for the removal, even if they

25 don't remove it?

1 THE WITNESS: They're charged for the removal 2 because that meter will come out when that property changes 3 hands. It will go back to whatever the standard is at the 4 time so that it's capable to use the existing meter reading 5 technology that would be in existence at the time the 6 customer leaves.

7 COMMISSIONER GOLTZ: Right. But that seems 8 unusual to me that you would charge somebody -- you may 9 never charge some people because they may live in their 10 house for decades?

11 THE WITNESS: They may live there for 12 decades, but as soon as that customer is no longer there, 13 that meter will be removed. And they are the ones who asked 14 for the special meter; therefore, that's the reason we've 15 included the removal, is we have to take that nonstandard 16 meter out and put the standard back in. The next person did not ask for the nonstandard meter. So our belief is that 17 18 the responsibility to put it back the way that is, that cost 19 should go to the person that asked for it.

20 COMMISSIONER GOLTZ: I have one question, or
21 two questions on a different topic.

22 One is the so-called field visit charge that 23 you describe on page 4 of your testimony?

24 THE WITNESS: Yes.

25 COMMISSIONER GOLTZ: So you're proposing

1 added the language where -- did you clarify that the 2 disconnection charge would only be incurred when it's due to 3 an action by the customer, correct? 4 THE WITNESS: Right. We did propose just 5 clarifying the language. We're not proposing to change our 6 process, but just to clarify the language. 7 COMMISSIONER GOLTZ: And one of the -- then in line 21 --8 CHAIRMAN DANNER: Is that Rule 11D? 9 10 I believe that's been withdrawn. MS. WALLACE That's correct. 11 12 COMMISSIONER GOLTZ. Then never mind. 13 CHAIRMAN DANNER: I have one more question. 14 Ms. Coughlin, when the meter reader --15 currently for a standard meter how is that meter read? 16 Is the information fed to a central location, 17 or do you have a driver going down the streets and picking 18 up that information? 19 THE WITNESS: We have a driver that goes down 20 the street with a van with a mobile device that picks up 21 readings from all around. 22 So when we are not able to use that 23 technology, then we have to have a special order created for 24 someone to go out and physically walk up and get that read 25 and then get it input into our system.

1 CHAIRMAN DANNER: So is it -- would it be 2 possible, then, for the person who's driving down the 3 street, since there's only going to be fewer than 20 in the 4 entire service area, that that person could simply stop at a 5 house where he knows there's a nonstandard meter, walk to 6 the curb, read that meter, and walk back to the truck and 7 continue driving?

8 THE WITNESS: I have been told that that is 9 not -- it does not work for us efficiently; that in order to 10 insure that we get the read, a special order that is to be 11 created because of the way the meter reading system is 12 designed. But...

13 CHAIRMAN DANNER: I used to be a paper boy 14 when they had newspapers. And, you know, we had those kind 15 of things arise where some people had a Sunday paper and 16 some people didn't. And it seems like if you know you have 17 one on your route, that you could stop, walk to the house 18 and come back. So you know, it could even be a paper sticky 19 note in the truck. But --

20 THE WITNESS: Well -- I'm sorry I apologize. 21 CHAIRMAN DANNER: I'm just trying to explore 22 if there are ways we could bring this cost down. It does 23 seem to be a higher monthly cost or up-front cost than I've 24 seen in other jurisdictions.

25 THE WITNESS: My understanding is when the

1 van goes out and it pulls in these reads, it's pulling in 2 quite a large area. So it's not necessarily -- they may not 3 be directly in front of that house. 4 So I'm sorry I don't have any other further 5 explanation for you. 6 CHAIRMAN DANNER: That's fine. Thank you. 7 JUDGE MOSS: Any follow-up? MS. WALLACE: No, your Honor. 8 9 JUDGE MOSS: All right. Thank you, 10 Ms. Coughlin. We appreciate your being on the phone with us 11 today. 12 Let's get Ms. Steward on the stand, please. 13 14 JOELLE R. STEWARD, witness herein, having been first 15 duly sworn on oath, was examined and 16 testified as follows: 17 DIRECT EXAMINATION 18 BY MR. LOWNEY: 19 20 Q Ms. Steward, could you please state and spell your name for the record? 21 22 My name is Joelle Steward; it's J-O-E-L-L-E, А S-T-E-W-A-R-D. 23 24 Q And Ms. Steward, did you file prefiled testimony 25 in this case?

0517 1 А Yes. 2 Q And do you have any corrections to that testimony 3 today? 4 А T do not. 5 MR. LOWNEY: Thank you. 6 Ms. Steward is available for 7 cross-examination. JUDGE MOSS: Thank you. And Staff? 8 9 MR. OSHIE: We waive cross. 10 JUDGE MOSS: All right. Mr. Purdy, do you have questions for Ms. Steward? 11 12 MR. PURDY: I do not. JUDGE MOSS: Alliance for Solar Choice? 13 14 MR. WIEDMAN: I waive also, your Honor. 15 JUDGE MOSS: And Walmart Stores? 16 MR. ROBERTS: We also waive, your Honor. JUDGE MOSS: Any questions from the bench? 17 18 19 QUESTIONS FROM THE COMMISSIONERS 20 COMMISSIONER GOLTZ: I was going to prepare 21 my questions during all this other cross. 22 But a couple of things: Ms. Steward, on the basic charge proposed increase, you state on page 2 of your 23 24 testimony that the proposed basic charge is in line with the 25 average basic charge for customers in Washington.

1	THE WITNESS: Page 2 of my rebuttal?
2	COMMISSIONER GOLTZ: Must be rebuttal, yes.
3	THE WITNESS: Oh, yes.
4	COMMISSIONER GOLTZ: And isn't it true that
5	among investor-owned utilities in Washington, your basic
6	charge would be more than double or about double what the
7	other IOE's charge?
8	THE WITNESS: I believe so.
9	COMMISSIONER GOLTZ: And also be double the
10	larger public utilities. I mean, the way the average works
11	out is because you include in your sample a whole bunch of
12	little relatively small publicly owned utilities that
13	have relatively high basic charges?
14	THE WITNESS: Right. And that sample is
15	shown on JRS-20, where we just pulled all of the basic
16	charges that we could find in Washington.
17	COMMISSIONER GOLTZ: And just an average of
18	the charges; it's not weighted by customer count?
19	THE WITNESS: No.
20	COMMISSIONER GOLTZ: Then I have a question.
21	One of the somewhere in the record that's discussion of a
22	possibility of a minimum bill as opposed to a higher fixed
23	charge. And there's been considerable discussion in the
24	literature, at least, about that.
25	And I'm wondering whether the Company

1 considered a minimum bill as a means to apparently address 2 the concern of increased use of distributed generation or 3 for customers who may otherwise not be contributing to their 4 share of fixed costs? 5 THE WITNESS: No. A minimum bill is just another way of having the same fight, I think. And in my 6 7 view --8 COMMISSIONER GOLTZ: I'm sorry; the same 9 fight? 10 THE WITNESS: The same fight on how much of a 11 basic service or basic charge that a customer should pay, a 12 minimum level. But a minimum bill kind of conflates 13 14 different types of costs into this sort of -- it's not even 15 a fixed charge, you know, because there's some energy 16 associated within that amount. And I think it's -- we have a minimum bill in Utah. It really does nothing for us. 17 18 It's less than or about 1 percent of our bills in Utah 19 actually hit that minimum bill. It's --20 COMMISSIONER GOLTZ: Wait. Then it's not a 21 minimum bill. All of your bills should hit the minimum 22 bill. THE WITNESS: Well, everybody exceeds it, but 23 24 the only ones that actually get charged that minimum bill 25 impacts about 1 percent.

1 COMMISSIONER GOLTZ: Oh, meaning that -2 THE WITNESS: It would otherwise be less than
3 the minimum bill.

4 COMMISSIONER GOLTZ: But doesn't that minimum 5 bill address the issue that's raised by especially 6 conservation advocates, that you then don't have to have the 7 volumetric rate be less; in other words, you can still send 8 price signals through your volumetric rate through a minimum 9 bill as opposed to a large fixed charge?

10 THE WITNESS: No. So we still have pricing 11 rules through our energy charges. We're still proposing 12 that most of the energy usage be through energy charges. 13 We're not proposing to decrease our energy charges.

And with a minimum bill, you're looking at the first -- depends on what it is. I think in Utah it ends up being about the first 77 kilowatt hours that are within that minimum bill of eight dollars.

But that sends a confusing price signal, I think, for those customers because you're mixing energy use with this basic service charge. And it really moves away, I think from the transparency I'm trying to add to our rates. I did unbundling in order to try to add some

23 transparency to what kind of costs are being recovered and 24 what proportion of those costs impact your bill.

25 And a minimum bill in my view just really

1 kind of conflates it. And we end up with the same fight about what level should that minimum bill be as we would 2 3 have with a basic charge. If we talked about a minimum bill 4 of \$50, we could probably talk. But you know, we're looking 5 at a minimum bill of eight dollars --6 COMMISSIONER GOLTZ: I thought you were 7 negotiating here. 8 MS. STEWARD: No, I know. Well, in a way we 9 are. 10 COMMISSIONER GOLTZ: So who proposed the 11 minimum bill in Utah? 12 THE WITNESS: It's been in place for a long 13 time. 14 COMMISSIONER GOLTZ: Was that at the 15 company's instance? 16 THE WITNESS: That was way before my time. I 17 don't know. 18 COMMISSIONER GOLTZ: I have no further 19 questions. 20 COMMISSIONER JONES: Ms. Steward, good 21 afternoon. 22 THE WITNESS: Good afternoon. 23 COMMISSIONER JONES: I'm going to be 24 referring to your rebuttal testimony, JRS-13T, if you could 25 turn to page 2. And this is the summary of a fairly -- you

1 spent 50 pages on your rebuttal. That's a lot. 2 THE WITNESS: I know. 3 COMMISSIONER JONES: So in spite of Staff's proposal, the proposal by Mr. Twitchell, you are still 4 5 sticking with the \$14 number. That's the second bullet from the top, lines 6 and 7. 6 7 So why are you -- did you take a serious look 8 at his proposal? 9 THE WITNESS: Yes. 10 COMMISSIONER JONES: And what are your primary reasons for not adopting 13 instead of 14? 11 12 THE WITNESS: So we get pretty close to the same amount, you know. We propose 14, they propose 13. But 13 14 we got there in two different ways. 15 So we've proposed to include costs associated 16 with poles and conductors in addition. So he included all of the costs of transformers in addition to meter services and retail costs. 18 19 We proposed all retail costs, meters, and 20 services, but then half of the transformer and half of the 21 poles and conductors. 22 So we got pretty close to the same thing. But we just got there in different ways. 23 24 COMMISSIONER JONES: Okay. And then in your 25 fourth bullet, you state -- this regards the strong signal

for conservation. And you state, "Nearly 90 percent of an 1 2 average customer's bill is based on usage and only 11 3 percent due to the basic charge." 4 So is that from your own data under the 5 current rate design, or is this based on a national study? THE WITNESS: No, this is data from the 6 7 average use in our service area, the average customer using 1300 kilowatt hours. 8 COMMISSIONER JONES: So that's based on 1300 9 10 kilowatt hours per month, which is your average use? 11 THE WITNESS: Yes. 12 COMMISSIONER GOLTZ: Okay. And then the next 13 bullet -- and maybe you get into this in detail later -- but 14 could you just expand upon No. 4, where you say one of the 15 reasons you don't like the third inverted block is it, 16 quote, will increase the risk of cost recovery for the 17 Company? 18 THE WITNESS: Right. 19 COMMISSIONER JONES: So why is that the case? 20 THE WITNESS: Well, you move -- what 21 Mr. Twitchell does is he reduces the energy charges for the first two blocks, and he moves the first block to 800 22 kilowatt hours. 23 24 But then that shifts revenue into that second 25 block, or his new third block, actually, the second and the

0524 1 third, but mainly in that third block for usage over 1700 2 kilowatt hours. We have a lot of electric heat homes. We 3 have nearly 60 percent of our customers have electric heat 4 5 homes. 6 COMMISSIONER JONES: 60? 7 THE WITNESS: It's nearly 60 percent. I'm 8 sure I have it somewhere in my exhibits. 9 I know it was in our end use survey that we 10 did. We have the data that show how many electric heat homes. I want to say 55 percent. But it shifts usage to 11 12 those --CHAIRMAN DANNER: 55? 13 14 THE WITNESS: I can find --15 CHAIRMAN DANNER: Just give me the 16 neighborhood. THE WITNESS: Somewhere between 50 and 60 17 18 percent. 19 COMMISSIONER JONES: You don't have to find 20 that now. 21 THE WITNESS: Actually, now I feel like I 22 have to check. 23 COMMISSIONER JONES: You've got Chairman 24 Danner and Commissioner Jones both querying you on this. 25 You'd better respond.

1THE WITNESS: I'm going to go with about 502to 60 percent are electric heat homes.

3 So electric heat is going to be highly 4 subject to weather. So if we move more of our revenue 5 recovery into that tail block rate, we're going to be more 6 subject to recovery of our fixed cost due to weather.

So while on the one hand we have an increase in the basic charge, it kind of gets taken away a bit when you move a lot of revenue recovery into that tail block that's going to be so subject to weather and other changes in the use of conservation and declining use.

12 COMMISSIONER JONES: So you're mainly 13 concerned about rate recovery in the third block due to 14 weather, in the tail block?

15 THE WITNESS: Yes, as well as -- what is the 16 fifth number there? The unintended consequence of sending 17 an uneconomic price signal. The problem with a tail block 18 rate or just inverted block pricing anyway is that it's 19 really hard to make it cost based.

Energy block pricing, tiered blocks, are really policy driven. But when we start increasing that tail block, it's kind of artificial -- and the Staff proposal gets up to 12 cents -- we're going to be sending some sort of signal to customers that could encourage the growth of distributed generation in an uneconomic fashion

1 and increase the benefit to those current customers before 2 we really examine is that a true benefit or how much of a 3 benefit should those customers be getting. 4 COMMISSIONER JONES: But if this Commission 5 has a policy of encouraging DG, what's wrong with that? 6 And I think it's actually referred to in the 7 Energy Independence Act that another witness referred to 8 this morning, more DG. I would agree with you, it's kind of 9 a policy call. 10 But if we disagreed with you on whether 11 that's good or bad, what's wrong with that? 12 THE WITNESS: Well, I think the policy act, 13 or -- I mean, it talks about cost-effective DG. And we 14 haven't really examined in this state -- there's an ongoing 15 proceeding about what is cost-effective. 16 And also as part of that it's going to end up 17 shifting costs to those nonparticipants who can't or are 18 unwilling to do DG. 19 COMMISSIONER JONES: Okay. If you can turn to page 38 of your testimony, this gets into the elasticity 20 21 question. 22 THE WITNESS: Yes. Okay. 23 COMMISSIONER JONES: So elasticity, as we 24 were just discussing, is a big component of the analysis on 25 residential use if we do have a third block.

1 So did you refer to any other study besides 2 this 2006 NREL study quoted in line 5 and 6, which is also 3 in Mr. Twitchell's testimony, or did you just replicate the short-run load reduction of 0.23 percent and then the 4 5 long-run load production of 4.37? 6 THE WITNESS: We used the same study that 7 Mr. Twitchell did. And in fact, one of our consultants in 8 the IRP conservation potential study had referenced the same 9 study for elasticity. So we just used it to replicate. 10 COMMISSIONER JONES: Okay. So you did not 11 use any other national study or any other consultant study 12 out there, because I think there are quite a few out there? 13 THE WITNESS: That's the thing with 14 elasticity, is they're a little hard to fin down. 15 COMMISSIONER JONES: Right. And then you 16 conclude -- you re-ran the numbers, and basically could you just walk us through that in -- what exhibit is that? 17 That is JRS-21? 18 19 THE WITNESS: 21. 20 COMMISSIONER JONES: So can you turn to 21 21 and just kind of walk me through how you did this? 22 THE WITNESS: Yes. 23 COMMISSIONER JONES: So you have the Staff 24 proposal on the left, the Company in the middle, and then 25 the Staff proposal revised with a Company revenue

1 requirement. So that is your revenue requirement, 31.7 2 million, that you imposed on the Staff proposal, as I 3 understand it? 4 THE WITNESS: Yes. that was our attempt. 5 So I'll start with the Staff. So the Staff analysis that is presented by Mr. Twitchell only looked at 6 7 that usage over 2,000. 8 So we replicated it to take into account 9 those customers who would get a decrease under 10 Mr. Twitchell's proposal, which is about 45 percent of all 11 customer bills that span the average use. 12 So then we used our proposal. So we have 13 different revenue requirements. For the part on the right, 14 we tried to somehow replicate his rate design. This was our 15 best attempt at it. But you know, frankly, we struggled 16 with how to replicate it. COMMISSIONER JONES: Sure. 17 18 THE WITNESS: We weren't sure how we would do a decrease to those middle sections, the first and second 19 20 block, at our revenue requirement. So it was just our best 21 attempt. 22 COMMISSIONER JONES: So it was your best 23 quess. And I think you have the ability to -- I think 24 you're going to be cross-examining Mr. Twitchell later, so 25 we can get into that.

1 But the bottom line numbers are the Staff 2 proposal produces 8,523 megawatt hours. That's the annual 3 reduction you calculate, right? 4 THE WITNESS: Yes. 5 COMMISSIONER JONES: And then under your 6 proposal it's 28,919? 7 THE WITNESS: Yes. COMMISSIONER JONES: And then per the 8 revision that you did on Mr. Twitchell's staff proposal is 9 10 28,344, right? 11 THE WITNESS: Yes. And these are the long 12 run. COMMISSIONER JONES: And this is not short 13 14 run; this is the 7.43 end run number, long run? 15 THE WITNESS: 079. 16 COMMISSIONER JONES: Okay. Okay. Well, 17 thank you for clarifying that. 18 This is an important table that I think we'll 19 get into with Mr. Twitchell as well. 20 So that's all I have, Judge. 21 COMMISSIONER GOLTZ: Judge, Commissioner 22 Jones races an issue that I wanted to follow up with. 23 Do I understand that the rationale for the 24 higher fixed charge is to facilitate fixed cost recovery, 25 but also you mentioned it also provides some transparency of

1 rate components? Is that the basic rationale? 2 3 THE WITNESS: Well, the unbundling I did helps provide transparency. I unbundled rates between 4 5 distribution, transmission and generation. 6 COMMISSIONER GOLTZ: So I'm trying to 7 pinpoint the rationale here for what I think people would see as a rather dramatic increase in the fixed charge. 8 9 Is it basically because your proposal is 10 driven by a combination of fixed cost recovery and a desire 11 to provide more transparency? 12 THE WITNESS: Yes, and these are facilities 13 that every customer requires and uses. 14 COMMISSIONER GOLTZ: So then fixed cost 15 recovery wouldn't, as a Company mechanism, also address that 16 a issue for the Company? THE WITNESS: For the Company, but not for 17 18 our customer. A decoupling doesn't get at rate design. COMMISSIONER GOLTZ: I understand. 19 20 But as far as you're concerned about 21 recovering fixed costs, decoupling would get at that, as 22 would a larger fixed charge? 23 THE WITNESS: Yes. But we're also concerned 24 about getting a rate structure that's cost based; not just 25 where we get the revenue or how we get the revenue.

COMMISSIONER GOLTZ: I'm just focusing on
 what the rationales are here.

And on the issue of transparency of rate components, I guess I've always had a little trouble with transparency because I look at a bill -- and understand I'm a Puget customer, so maybe it's different -- but there's about seven line items on there. And except for the one that shows up as tax, they're pretty hard to decipher in the one line or few words that you have.

10 Is that the transparency, or are you relying 11 on something in a bill stuffer or on your website to provide 12 that transparency?

Because I'm pretty sure on a bill you're not saying "fixed charge to include meter reading and installation and 50 percent of the lines or 50 percent of the transformers." You aren't going to say that in a bill. So how is the customer going to perceive this transparency? THE WITNESS: It's an educational process. We're not going to throw this out onto a bill.

20 And in fact, for the purposes of this case I 21 wanted to get the rates unbundled in the tariff, and then 22 over time start rolling it out on to the bills.

I think I did agree with Walmart that we would do that for nonresidential customers. They have a better grasp, I think, of the different types of rate

1 components. And then over time we would start adding to 2 residential.

But I think we could include information on our website that explains this, but we haven't figured out how to do the bill. We would have to redesign the bill to do it.

7 COMMISSIONER GOLTZ: You go to the gas pump, 8 and the gasoline industry, there's a huge infrastructure 9 component to it. And then there's a commodity. And right 10 now it's 2.50, 2.60 a gallon, whatever it happens to be. It 11 doesn't say the gasoline is 1.25 a gallon, but the pump 12 costs are 25 cents and transportation costs are another 35 13 cents. That doesn't add to transparency.

14I guess I'm questioning whether the consumers15want, need, or will use or have easy access to the sort of16transparency of this unbundling that we're talking about.17THE WITNESS: We'll have some customers who18don't care. We'll have a large majority of customers that

19 don't care.

But I don't think we should be afraid of transparency and giving customers more information. And when I see a lot of, you know, news clips or letters to the editor about DG when any utility is proposing modifications to their rate structure and trying to explain why a different rate structure or charge is necessary in relation

1 to distributed generation, people don't understand what is 2 going into their bill and how much they're paying or not 3 paying for certain types of facilities. 4 So that's what I'm trying to do with 5 unbundling, is start to try to bring that sort of education in, that not just us, but all parties can start to see in a 6 7 little bit more transparent way. COMMISSIONER GOLTZ: Thanks. 8 9 CHAIRMAN DANNER: I have one question to ask. 10 With regard to decoupling, one of the things 11 it does is remove disincentive for the utility to engage in 12 energy efficiency and cost-related matters. 13 And I still don't understand how having a 14 high fixed charge gives you any signals whatsoever. It 15 seems that you have no incentive to conserve or no 16 disincentive not to conserve. It's just business as usual. 17 And yet, you know, Mr. Dalley's rebuttal 18 testimony talked about utilities in transition, we have all 19 these environmental agendas to go after. And yet I don't 20 see in this how does it help you engage in energy 21 efficiency? 22 THE WITNESS: Me as a company, or me as a 23 consumer? 24 CHAIRMAN DANNER: You as a company? 25 THE WITNESS: Well, frankly, with the Energy

1 Independence Act, it's not going to alter what we do with 2 energy efficiency. We're going to go out and be targeting 3 all the energy efficiency that is cost effectively 4 available. 5 But the basic charge better reflects the 6 fixed cost of serving these customers through a fixed 7 charge. And those customers will still have 90 percent of 8 their bill subject to volumetric charges. So for them to go 9 -- to reduce their usage, they can still get a significant 10 benefit from that. 11 CHAIRMAN DANNER: So the only incentive you 12 have, really, is the fact that the law requires it. 13 So, you know, one of the things we've had 14 some discussions of with other utilities is whether you're 15 being dragged into energy efficiency or whether you're doing 16 it because it makes good business sense. THE WITNESS: And I don't work in the energy 17 18 efficiency group, but we've been doing energy efficiency for 19 a long time. It's a part of our resource planning process. It goes into our IRP. We have a new IRP 20 21 coming out. 22 And we have a new conservation potential 23 study that I've been involved with on the fringes. But they 24 put a lot of effort into looking at what is the potential. 25 So it's not just because of the EIA. But because of the EIA

1 and penalties associated with it, yeah, they're going to be 2 going out there and getting that cost-effective efficiency 3 as a least cost resource. 4 CHAIRMAN DANNER: All right. Thank you. JUDGE MOSS: Okay. Any follow-up? 5 6 MR. LOWNEY: I have a quick question that I 7 hope will clarify some of the discussion. 8 RE-DIRECT EXAMINATION 9 BY MR. LOWNEY: 10 Ms. Steward, you were earlier asked and had a Q dialogue regarding the percentage of PacifiCorp's customers 11 12 that use electric heat. 13 And I'd like to direct your attention to page 45 14 of your rebuttal testimony. 15 А I knew I had it somewhere. 16 There's a Table 14 on that page that I believe 0 answers the question you were being asked. 17 18 А 56 percent. 19 MR. LOWNEY: Thank you. That's all the 20 questions I have. 21 CHAIRMAN DANNER: I can't believe she hasn't 22 remembered every line. 23 JUDGE MOSS: All right. Ms. Steward, thank 24 you for being with us this afternoon. We appreciate your 25 testimony.

1 This will bring us to the conclusion of the 2 company's case, I believe. 3 MS. WALLACE Yes, your Honor. 4 JUDGE MOSS: And we will move on to Staff, and Mr. Ball will be our first witness. 5 6 7 JASON L. BALL, witness herein, having been first duly sworn on oath, was examined and 8 9 testified as follows: 10 11 DIRECT EXAMINATION 12 BY MR. SHEARER: 13 0 Good afternoon, Mr. Ball. 14 А Good afternoon. 15 Q Will you please state and spell your name for the 16 record? А Jason Ball J-A-S-O-N, B-A-L L. 17 Mr. Ball, do you have any corrections to your 18 Q testimony? 19 I do. Beginning on page 7, at line 2, the dollar 20 А amount there should read 6,248,179. 21 22 Line 3 should read 1.94 percent. 23 On line 6 the dollar amount should read 7,853,572. 24 And line 7, the percentage should be .44. And the 25 same number should be updated in the table.

1 And then on page 9, at line 4, it should read 7.07 2 percent. 3 In the table at line 7, the long-term debt weight 4 should be 5.19 percent, and the weighted cost 2.627 percent. 5 On line 9, the preferred the stock should be 6.75 percent for the weight and 0.19 for the weighted cost. 6 7 And then again on line 11 it should read 7.07. That's the end of my corrections. 8 9 MR. SHEARER: Your Honor, this witness is 10 available for cross. 11 JUDGE MOSS: And the Company has indicated 12 about 20 minutes. MS. WALLACE: I think it will be less. 13 14 JUDGE MOSS: Very well. 15 CROSS-EXAMINATION 16 BY MS. WALLACE: 17 Good afternoon, Mr. Ball. 18 Q 19 A Good afternoon. 20 Q On page 6 of your testimony, JLB-1T? 21 А Yes. 22 Lines 11 to 12, you state that, "The matching of Q benefit with burden is an important regulatory objective 23 24 that is reflected throughout Staff's case; is that correct? 25 A That is correct.

1 Q And in this case on page 9, which you just 2 corrected, that shows Staff's overall proposal for rate of 3 return of 7.07 percent; is that correct? 4 А That's correct. 5 Q And this includes, as it shows on the table, an equity component of 49.10 percent? 6 7 А That's correct. And a cost of long-term debt of 5.19 percent? 8 Q That is correct. 9 А 10 And as was discussed yesterday, PacifiCorp's low Q 11 cost of debt is a product of its actual capital structure, not the hypothetical capital structure adopted by the 12 Commission, correct? 13 14 That's what I was given to understand yesterday. А 15 But Mr. Parcell, for Staff, would be the better 16 person to direct that question to. Well, if that's your understanding based on 17 0 18 yesterday --19 That's the way I understood it yesterday, yes. А 20 So despite stating that matching benefits and 0 21 burdens is a key principle in Staff's, this proposed ROR 22 includes the benefit of the low cost of long-term debt that's achieved using the actual capital structure, but 23 24 doesn't include the costs of that capital structure, 25 correct?

1 А The capital structure recommended by Mr. Parcell 2 includes a weight of 5.19, not the -- as I'm given to 3 understand yesterday, the cost of the capital in the 4 Company's actual capital structure. 5 Again, I'm not -- I was not the rate of return 6 witness. So he would be a better person to answer that 7 question and why he recommended what he did. 8 Q Fair enough. 9 As Staff's revenue requirement witness, you would 10 agree, wouldn't you, that a utilities' return on equity is a component of the utility's overall revenue requirement? 11 12 А It is one component, yes. 13 And on page 21 of your testimony, line 7, you note 0 14 that the Merwin Fish Collector was placed in service in March 2014; is that correct? 15 16 That is correct. А And in May 2014 -- this is also discussed on the 17 0 18 same page -- in May 2014, the Commission approved a petition 19 for deferred accounting for the full revenue requirement 20 associated with the fish collector from the date of the 21 petition until the costs are reflected in base rates; is 22 that correct? А That is correct. 23 24 And in this case the Company is seeking to 0 25 amortize that deferral?

1 А That is my understanding of the Company's 2 proposal, yes. 3 And you're the witness who discussed that Q proposal, correct? 4 5 А Yes. 6 And Staff's position is that the Company should be Q 7 permitted to recover two components of the full revenue 8 requirement associated with the Merwin Fish Collector, 9 depreciation expense and the O&M expense; but according to 10 the Staff, the Company should not recover the third 11 component of revenue requirement, the return on capital for 12 the project; is that correct? I believe that's a fair characterization. 13 А 14 However I would like to qualify the answer here. 15 I believe there's two important concepts here. One is 16 Merwin Fish Collector, the rate base edition; and the other is the Merwin Fish Collector, the deferral. 17 18 The rate base addition, as pointed out in my testimony, Staff recommends as a prudent investment that 19 20 should be included in rates and will include return, et 21 cetera. 22 The deferral is something different. The deferral 23 is a request by the Company for extraordinary relief to 24 address what is essentially regulatory lag. Therefore, 25 there's a broad discretion here for the Commission to

1 address its concerns as stated in other orders about the 2 potential impact of inter-period rate based deferrals on 3 regulatory oversight. 4 And one of those options is to approve only a 5 certain recovery of costs. 6 Another option is to deny the petition outright. 7 It's up to the Commission, in my opinion, but I can issue a Staff opinion which represents what I believe is 8 a fair and reasonable result and what I believe is in the 9 10 public's best interest. 11 Q Thank you, Mr. Ball. 12 Staff's position reduces the amount for recovery 13 from 1.7 million to approximately 500,000; is that correct? 14 А That's the approximate numbers, yes. 15 Q And Staff also doesn't support recovery of 16 interest on any of the deferral amounts at issue in this case, correct? 17 18 А That is correct. And on page 28 of your testimony, you cite to an 19 Q 20 Avista case to support that position; is that correct? 21 А That is one of the supports for the position, yes. 22 One of the supports. Q Is there another cite to another case? 23 24 А Sorry. No. That is the only other case I cite to 25 for that particular issue.

1 And in that case, the Avista case, did Avista Q 2 request interest on the deferral? 3 No. they specifically did not. А 4 And are you aware of other cases where the Q 5 Commission did not allow interest on deferred amounts? 6 А Not at this juncture, no. 7 If you could please turn to one of your cross Q exhibits, 8-CX? 8 Is that the --9 А 10 It's the Commission letter acknowledging its IRP? Q 11 А I've got it. 12 So as we just said, this document is the Q 13 Commission's letter acknowledging the Company's 2013 14 Integrated Resource Plan, correct? 15 А Correct. 16 And on page 3, the second paragraph, it's the 0 first sentence of the second paragraph on page 3, the 17 Commission states --18 19 COMMISSIONER GOLTZ: Wait. Same paragraph on 20 page? 21 MS. WALLACE: Page 3 of the exhibit. I don't 22 have page numbers on the letter itself. So it's the 23 attachment to the letter. 24 COMMISSIONER GOLTZ: Right. 25 MS. WALLACE: Second paragraph, first line.

1	COMMISSIONER GOLTZ: On 8CX?
2	MS. WALLACE: 8CX. Page 3 of 9.
3	COMMISSIONER GOLTZ: Second paragraph?
4	MS. WALLACE: Second paragraph, first line.
5	Q (By Ms. Wallace) The Commission states, "Recent
6	developments created major changes in the utility industry,
7	bringing new opportunities and challenges."
8	Do you see that?
9	A I do.
10	Q Does Staff agree with the Commission that the
11	change in utility landscape creates challenges for
12	utilities?
13	A In general, I would have to say yes.
14	However, I would like to point out that I was not
15	the analyst involved in this IRP, the letter, or the review
16	of the IRP.
17	MS. WALLACE: Thank you, Mr. Ball. That's
18	all I have.
19	JUDGE MOSS: All right. How long did that
20	take?
21	MS. WALLACE: Five minutes.
22	JUDGE MOSS: Just kidding.
23	Are there any questions from the bench?
24	COMMISSIONER JONES. I have some.
25	JUDGE MOSS: You have 15 minutes.

1 COMMISSIONER JONES: Judge Moss is really 2 coming into his element. 3 4 QUESTIONS FROM THE COMMISSIONERS 5 COMMISSIONER JONES: If you could turn to page 16 of your testimony, Mr. Ball. 6 7 THE WITNESS: Okay. COMMISSIONER JONES: This won't take long. 8 Up at the top, line 1, you say Washington 9 10 uses a, quote, historical test year? THE WITNESS: That's correct. 11 12 COMMISSIONER JONES: Isn't it more accurate 13 to say we use a modified historical test year? 14 THE WITNESS: That may be more accurate. But 15 the basic principles are very, very similar. 16 COMMISSIONER JONES: What sort of modifications do we do to a historical test here? 17 18 THE WITNESS: We use pro forma and restated adjustments to modify and walk forward certain adjustments. 19 20 COMMISSIONER JONES: Have you used a lot of 21 pro forma adjustments? 22 You're the lead -- you're the overview 23 witness in this case, right? 24 You've accepted quite a few pro forma 25 adjustments, correct?

1 THE WITNESS: That's correct. 2 COMMISSIONER JONES: So is it more accurate 3 to say modified historical test year? 4 THE WITNESS: It more than likely is. 5 COMMISSIONER JONES: Okay. Lines 15 through 17, this regards attrition. So you're arguing here that a 6 7 attrition adjustment study would be more holistic and a 8 better way to look at the issues associated with regulatory 9 lag, right? 10 THE WITNESS: Well, I don't specifically call 11 out regulatory lag. 12 But yes, an attrition adjustment is a 13 holistic approach, and is one tool in the bag of addressing 14 several different problems that may be facing a company. 15 And one of those may be regulatory lag. 16 COMMISSIONER JONES: Did the Company do an 17 attrition study, a full attrition study in this case? 18 THE WITNESS: No, not that I'm aware of. COMMISSIONER JONES: Has the Company, in your 19 view, ever done an attrition study? 20 21 THE WITNESS: Not that I'm aware of. 22 COMMISSIONER JONES: Have other companies, such as Avista -- I think Avista did a full attrition study 23 24 in its last case, correct? 25 THE WITNESS: That is correct, yes.

1 COMMISSIONER JONES: And Mr. Maguire 2 (phonetic) performed a full attrition study in response to 3 that, correct? 4 THE WITNESS: That is correct. 5 COMMISSIONER JONES: And what is Staff's proposal, thinking going forward about how we deal with 6 7 attrition? 8 Are we going to -- I seem to recall some case 9 that we may be doing workshops or some sort of a 10 collaborative? 11 THE WITNESS: That is my understanding as well, is it that the Commission is interested in attrition 12 13 as a tool and is interested in looking at it for future 14 cases and for future use in future cases with the different 15 IOU's. 16 But it is not proposed in this particular case. The reason why I brought it up, however, was because 17 18 the IHS inflation factors seem to me to be an attempt at a 19 partial attrition analysis. COMMISSIONER JONES: I understand. 20 21 And then on page 22 you have the prudency 22 evaluation of the Merwin Project, right? 23 THE WITNESS: 22, you said? 24 COMMISSIONER JONES: Yes, page 22 of your 25 rebuttal?

1 THE WITNESS: Yes. 2 COMMISSIONER JONES: And so you've done the 3 traditional prudence evaluation, the four-part test to 4 determine that the Merwin Project meets the standard of 5 prudency, right? 6 THE WITNESS: That is correct. 7 COMMISSIONER JONES: Are there any other rate-based additions in this case that require a prudency 8 9 determination? 10 THE WITNESS: Not that I performed. 11 Staff witness Betty Erdahl might be able to 12 answer those questions better. 13 COMMISSIONER JONES: Those are all my 14 questions, Judge. 15 CHAIRMAN DANNER: No questions. 16 JUDGE MOSS: I should ask if there's any redirect from Staff. 17 18 MR. SHEARER: Yes, please. 19 JUDGE MOSS: I was about to cut you off. 20 MR. SHEARER: It will also be brief. 21 REDIRECT EXAMINATION BY MR. SHEARER: 22 Regarding the Merwin fish collector, was that 23 Q 24 issue consolidated in this proceeding? 25 A Yes.

1 Q Did the Commission make any final determinations 2 when -- previously? 3 А No. 4 Q No. The Commission simply approved the 5 authorization to defer. 6 The authorization to recover is still at issue in 7 this case. 8 MR. SHEARER: That's all. Thank you. 9 JUDGE MOSS: All right. Very well. 10 Mr. Ball, thank you very much for being here 11 and giving your testimony today. You may step down. 12 So Mr. Gomez is next. Does the Company think they will have, say, 30 to 45 minutes for Mr. Gomez? 13 14 MS. MCDOWELL I think less than half an hour. 15 16 DAVID C. GOMEZ, witness herein, having been first duly sworn on oath, was examined and 17 18 testified as follows: 19 20 DIRECT EXAMINATION BY MR. OSHIE: 21 Mr. Gomez, will you please state your name and 22 Q spell your last name for the record? 23 24 A David Gomez; D-A-V-I-D, G-O-M-E-Z. 25 Q Thank you.

0549 1 Do you have any changes to your testimony, Mr. 2 Gomez? 3 No, I do not. А 4 MR. OSHIE: Tender the witness for 5 cross-examination. 6 JUDGE MOSS: All right. Ms. McDowell, you 7 may proceed. 8 CROSS-EXAMINATION 9 BY MS. MCDOWELL: 10 Good afternoon, Mr. Gomez. Q 11 Good afternoon. А 12 Q So I'm going to begin by just getting a frame of reference from the last General Rate Case Order 05. And I'm 13 14 not sure you have that with you. 15 A I do not have it. 16 Q I'm just going to read a brief passage to you. I do have some of the paragraphs. So maybe if you 17 А 18 gave me a paragraph, I might have it. 19 I was going to direct your attention to paragraphs Q 20 -- actually paragraph 113. 21 А I do not have that. 22 MR. OSHIE: Your Honor, we have a copy of the order. Can I bring it up to the witness? 23 24 JUDGE MOSS: Sure. That would be fine. 25 MR. OSHIE Thank you.

0550 1 THE WITNESS: If you could give me that 2 again, please? 3 Q (By Ms. McDowell) Paragraph 113 on page 46 of Order 05? 4 5 А Page 46? 6 Q That's correct. 7 113. I have it. А So in denying PacifiCorp's request in its last 8 Q general rate case to allow Oregon and California QF's to be 9 10 reflected in rates, the Commission cited to your analysis 11 showing that there was a significant financial impact on 12 Washington state ratepayers due to different QF policies in 13 Oregon and Washington. 14 Do you see that summary, summarizing the first 15 line of paragraph 113? Do you see that? 16 А Yes, I do. 17 0 Now, do you also see the following statement, 18 which states, and I'll quote this, "The Oregon and 19 California QF contracts result in net power costs that are significantly higher than would be the case if they were 20

22

21

Do you see that?

priced at Washington avoided cost rates"?

23 A Yes, I do see that.

24 Q Now, in this case, the Company responded by 25 proposing the alternative approach of repricing its 1 California and Oregon QF's at Washington avoided cost rates, 2 correct?

A Yes, that's correct.

Q And the Company's approach to repricing its QF's is essentially the same based on the same sort of analysis that you presented to the Commission underlying its finding in paragraph 113, correct?

8 A No. It is not.

9 Q So isn't it true that the repricing information 10 that you relied on that the Commission used in paragraph 113 11 was based on a repricing analysis that you requested the 12 Company to perform?

13 A Yes. But I think that the previous question you 14 asked was whether or not the repricing proposal that the 15 Company offered in this case is somehow identical to the 16 analysis I made in the last case. And the answer to that 17 was no.

18 Q It's similar, correct?

19 A No.

20 Q So how is it different?

A It's different because the repricing approach is really walking back these contracts to a time and place when these specific avoided cost schedules for the Company's -at least their proposals, repricing proposals, is to take these contracts and walk them back to the avoided cost

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schedules that were in effect at the time in Washington at
 that date and time.

And then given the fact that those avoided cost schedules only go so far, the Company then, in its work papers, extrapolated using inflation factor, and just to oversimplify that, just explain it that way, extended those contracts out to their full term.

8 So under my analysis in this case, if you take 9 those and apply the Company's repricing proposal to 10 contracts that were, let's say, executed in the 2008-2009 11 time frame, and you take the Company's projected avoided 12 costs forward into the rate year now, you're essentially 13 asking ratepayers to pay double on an avoided cost basis 14 than -- the avoided cost that's currently in the Company's schedule. 15

16 Q And that's really because the Company's contracts 17 go back in time, correct?

18 А Yes, but again, that is flawed. I think that analysis, that approach is flawed in its application because 19 it's inconsistent with the Commission's resource and 20 21 planning and acquisition policies. But it's also contrary to Commission rule and the Company's own published tariffs. 22 Well, let's talk about that. Repricing at 23 0 24 Washington prices does take care of your concern that using 25 Oregon or California prices means that you're somehow or

0553 1 another paying for Oregon or California QF policies, 2 correct? 3 А No. 4 Because the Washington prices are what Washington Q 5 policies provide, correct? 6 No, because those contracts are refreshed every А 7 five years. So to say just that if we go back in time and walk these contracts back and then just look at what those 8 9 avoided costs were at the time and then say that's good 10 enough is really not the entire story. 11 That would be -- you need to look at the rest of 12 the aspects of that policy, which is to include the 13 longer-term both California and Oregon contracts. That in 14 itself leads to significant cost shift toward Washington 15 ratepayers, and in Staff's opinion is unacceptable even with 16 the repricing proposal. Now, can you turn to Schedule 37, please? 17 0 Is that an exhibit? 18 А 19 Yes, DCG-6CX. Q 20 6CX. Okay. I'm there. А 21 Q And this tariff has a series of prices, both 22 energy and capacity, correct? 23 That's correct. А 24 And in terms of setting these prices -- do you 0 25 have Mr. Duvall's testimony with you?

1 А I think I do but it's going to take me a little longer to get there. Which one, the rebuttal? 2 3 This is the rebuttal testimony of Mr. Duvall. Q 4 Hang on a second. Give me a page. А 5 Q Can you turn to page 16, please, line 19? А I'm there. 6 7 So there Mr. Duvall is quoting a Commission case Q 8 that talks about the Commission's orders insuring customer indifference in the pricing of QF's. And he quotes the 9 10 Commission's order as stating "by its own terms, PURPA was 11 meant to protect the ratepayers. Avoided cost prices should 12 be established to be no greater than that which the 13 ratepayers would be expected to pay without PURPA." 14 Do you see that? 15 А Yes, I do. 16 So you would agree that Washington sets avoided 0 cost prices in a manner that protects ratepayers? 17 18 А Yes. 19 And you would agree that Washington avoided cost 0 20 prices under Schedule 37 are designed to insure customer 21 indifference between QF power and non-QF power? 22 Yes, that is my understanding. А And would you agree that Washington QF's provide 23 0 24 benefits to customers? 25 Would you define benefit? А

1	Q Well, are most QF's renewable energy?
2	A Again, I can't answer that question with any
3	precision because again I'm not when you say "renewable,"
4	what does that mean?
5	Q Well, let me ask you this: Is it your
6	understanding that most renewable most QF contracts,
7	certainly in PacifiCorp's portfolio, are renewable energy,
8	carbon-free renewable energy?
9	A I think that what the Company has said, if you
10	look at it, the Oregon contracts, the way I've seen them in
11	terms of the contracts I've looked at, a lot of them appear
12	to be renewable. But that would depend on what that
13	definition is.
14	Q And you would agree that QF power provides
15	resource diversification to Washington customers?
16	A Are you speaking about which
17	Q Just QF's in general. Washington QF's would
18	provide resource diversification to Washington customers?
19	A Again, by the nature of those types of resources,
20	it's not a question of whether they're prudent or whether
21	they provide a benefit in terms of their acceptability into
22	net power costs, or at least in terms of their acceptability
23	as a contract. I don't think that that you know, whether
24	they provide benefit or not is not the issue.
25	Q But that's my question. You don't contest that

1 they do provide benefit, correct?

2 А Well, when you say "benefit," you mean just power? 3 My specific question was, do you agree that they Q provide benefits in terms of resource diversification? 4 5 А Yes. 6 Now, if PacifiCorp's out-of-state QF power is Q 7 priced using Washington avoided cost prices, customers can get the benefits of that QF power at the same prices they 8 pay for in-state QF power, correct? 9 10 MR. OSHIE: Objection, your Honor. Counsel 11 can rephrase the question. What time period are we talking 12 about? That's ambiguous. 13 Are you addressing the proposal that the 14 Company's made? Or in other words, are you addressing 15 Mr. Gomez's response? 16 What he looked at is the contemporaneous 17 avoided cost price, not the avoided cost price going back 18 through history. 19 JUDGE MOSS: Perhaps you could clarify the 20 question. 21 Q (By Ms. McDowell) I'm happy to do that. 22 On a going forward basis, if PacifiCorp's out-of-state QF power is priced using Washington avoided 23 24 cost prices, customers will get the benefit of that added QF 25 power at the same price they pay for in-state QF power,

1 correct?

2	A If the Company's referring to its repricing
3	proposal, I would say that those don't reflect the avoided
4	costs currently in Washington.
5	But if the Company is saying is if these
6	contracts, let's say the power associated with them is
7	priced at Washington avoided cost currently on the Company's
8	schedule in its tariff, I would say yes.
9	Q And under that proposal, the geographic location
10	of PacifiCorp's QF contracts would become irrelevant for
11	purposes of Washington cost recovery, correct, because the
12	prices would be the same whether they're in state or out of
13	state, correct?
14	A Yes.
14 15	<pre>A Yes. Q And that's in contrast to the status quo, correct,</pre>
15	Q And that's in contrast to the status quo, correct,
15 16	Q And that's in contrast to the status quo, correct, where the QF's geographic location determines whether it's
15 16 17	Q And that's in contrast to the status quo, correct, where the QF's geographic location determines whether it's recoverable under Washington rates, correct?
15 16 17 18	Q And that's in contrast to the status quo, correct, where the QF's geographic location determines whether it's recoverable under Washington rates, correct? A Well, if you say that the only basis for a situs
15 16 17 18 19	Q And that's in contrast to the status quo, correct, where the QF's geographic location determines whether it's recoverable under Washington rates, correct? A Well, if you say that the only basis for a situs allocation is a physical location.
15 16 17 18 19 20	Q And that's in contrast to the status quo, correct, where the QF's geographic location determines whether it's recoverable under Washington rates, correct? A Well, if you say that the only basis for a situs allocation is a physical location. I think the Commission in its last order said
15 16 17 18 19 20 21	Q And that's in contrast to the status quo, correct, where the QF's geographic location determines whether it's recoverable under Washington rates, correct? A Well, if you say that the only basis for a situs allocation is a physical location. I think the Commission in its last order said there was no basis about the physical location where the
15 16 17 18 19 20 21 22	Q And that's in contrast to the status quo, correct, where the QF's geographic location determines whether it's recoverable under Washington rates, correct? A Well, if you say that the only basis for a situs allocation is a physical location. I think the Commission in its last order said there was no basis about the physical location where the resources are located. The real issue here is the policies

1 Oregon or California.

The point is that the individual states, at least as originally contemplated in the revised protocol, was that all of these resources, state resources, for the reasons stated in terms of the differing policies and those impacts that can happen, the best approach from a cost allocation standpoint was to situs allocate them.

8 I believe Mr. Duvall said that he wasn't sure, or 9 he made a statement that they weren't. But the revised 10 protocol, the prior revised protocol before 2004 had all 11 these state resources situs allocated. And so that's been a 12 departure.

And again, that's perhaps wisdom behind such an allocation on a state by state basis. It's not the physical location as much that each individual commission determines what the avoided costs are. Therefore, as a result, those costs associated with those decisions should remain in the states that they're made.

19 Q You would agree, wouldn't you, that the premise of 20 a situs allocation is that a resource is assigned to the 21 particular state in which it is geographically located?

22 A Yes.

23 Q Now can you turn to page 13 of your testimony,24 please.

25 A I'm there.

1 There at the bottom of the page you discuss the 0 2 difference between the Commission's approach to Pacific 3 Power's out-of-state QF contracts and Avista's out-of-state 4 QF contracts? 5 Do you see that particularly at the bottom of the 6 page? 7 Can you give me line numbers? А 8 Q The page beginning line 16 and going to the 9 following page, you do a numerical comparison between the 10 QF's held by Avista and those held by Pacific Power. Do you see that? 11 12 Yes, I do. А 13 You prepared a work paper, I believe, that backed 0 14 up that analysis. And we've provided that work paper in -as DCG-9CX. 15 16 А I have that. And I'm going to represent to you that in order to 17 0 18 make -- it was basically a spreadsheet. And in order to make the spreadsheet print out in a coherent way, because I 19 20 couldn't get all the cell descriptions to print out, I've 21 added a few labels. And I just wanted to go through them 22 with you to make sure you confirm that I accurately labeled your information here. 23 24 А Sure. Q So I added the label "QF location," and then on 25

down that column, the Washington and Idaho locations of the
 QF's. And that was taken from the cells connected to those
 numbers.

4 Does that look accurate in terms of replicating 5 your spreadsheet?

A It's going to be tough for me. I've got it labeled for my benefit. And again, my apologies. If I would have known it was going to be used as an exhibit, I would have cleaned it up a little better. But maybe we can work our way through this and I can kind of follow you.

11 Q I just want to flag for you where we put in 12 labels, and if there are any inaccuracies, I'd like you to 13 be clear about --

14 A Okay. I see what you're saying.

15 Q So we put in the QF location information from the 16 cells that did not print out.

And then the other labels that we added that were from the spreadsheet that didn't print out were the Idaho and Washington headings there at the top of the columns on the right-hand side of the page.

A Okay. Well, let's maybe go with some questions and we'll muddle our way through this one. Sorry about that.

Q Please let us know if there's anything inaccurate in this. But I will represent to you that we basically

0561 1 printed out your spreadsheet and then added the labels that 2 were in the cells. 3 А Yes. 4 So this analysis shows that Avista is currently Q 5 recovering five different Idaho QF's in Washington rates? 6 That's correct. And seven Washington. А 7 And the analysis also over here, on the average Q 8 price information, shows that Idaho's -- excuse me; Avista's 9 Idaho QF costs are higher on average than its Washington QF 10 costs? А 11 Are you saying Idaho and then Washington? 12 Is that the numbers you're talking about, the ID and WA? 13 14 Q Correct. 15 А Yes, I see that. That's not the avoided cost as 16 much as that's the average cost of the contract. So 17 depending on when the contracts were let, which avoided 18 costs they reflect, I don't know. 19 The point of it is just to kind of look at it from a cost allocation standpoint and compare it in terms of cost 20 21 shift. 22 So you have to understand that when the Company models power, it -- the contract for the WCA as established 23 24 by the Commission, these contracts, they essentially don't 25 exist, the contracts that you're speaking of, Oregon and

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1 California QF's.

2 0 What I'm speaking about are the Avista contracts 3 on this page? 4 А Sorry. 5 Q So if we can get back to that, just so we all understand, basically you added these Avista QF's that you 6 7 listed here that you discussed, and you got an average price associated with those. Is what that that column is? 8 9 А Yes. 10 Q And the average price for the ID QF's is higher than the Washington QF's. 11 12 Do you see that? 13 А Yes. 14 And then you have in here, the next line is 2013 Q 15 spot market. 16 Do you see that? 17 А Yes. And in both circumstances, the Idaho and the 18 Q 19 Washington circumstances, those QF prices are higher than 20 the market price? 21 Yes. So are you are referring to the 3210 being А more than the 5575? 22 23 Right. And then the difference is the bottom line 0 24 there. The Idaho QF's are 2365 higher than market and the 25 Washington QF's are 1636 higher than market.

1	Do you see that?
2	A Yes.
3	Q And I take it some of that difference, the
4	difference between the market prices and the average prices,
5	is associated with the vintage of the QF contract, correct?
6	A Yes. The other thing I should point out that I
7	want to make sure you're aware of is that the 2013 spot
8	market price that's used is reflective of when the
9	information when we got the information, which was in a
10	previous case with Avista. So I just wanted to make sure
11	you knew the point of reference for those market prices.
12	Q Thank you. And just for the record, this is
13	marked confidential. We had a discussion with your counsel
14	and agreed it was not a confidential exhibit. So it's
15	marked confidential because that's how it was in your
16	spreadsheet. But it's been designated as a nonconfidential
17	document.
18	So Mr. Gomez, can you look at Cross Exhibit
19	DCG-10X which is your testimony in the previous case, the
20	2013 rate case?
21	A Okay. Page?
22	Q Can you turn to page 11, please?
23	A Okay.
24	Q And it's actually I'm wrong about that. It's
25	page 11 of the exhibit, which is page 25 of the testimony.

1 A Okay. I'm there. 2 0 So on lines 16 to 24 I just wanted to direct your 3 attention to that testimony and ask you the question whether 4 in the last case Staff objected --5 А Can I hold you a second. I'm sorry. I want to make sure I'm on the right page. You said page 24, page 10 6 7 of the exhibit? Which is page 25 of the testimony. 8 Q 9 I've got it. А 10 So lines 16 through 24. Q Okay. Sorry about that. 11 А 12 Should the Commission nevertheless consider a PCAM Q 13 for the Company that includes sharing bands and deadbands? 14 А I see that. 15 Q And your testimony in the last case was no, it was 16 your understanding that the entire issue of interstate cost allocations will be revisited in the near future across the 17 18 company's six jurisdictions. 19 And on that basis, your testimony on the last case 20 was that it was preliminary to adopt a PCAM for PacifiCorp 21 until the multistate process was completed. 22 Was that a fair summary? 23 А Yes. 24 So in this case you've changed that position, 0 25 which the Company appreciates. And I just wanted to ask you 1 why?

A Well, we've been -- we read the last order and what the Commission had to say about that. And the Commission said, like Staff, we're open to consider -- again let me give you the reference I'm reading from. Docket UE-130043, Order 05, paragraph 173 of the Commission's order in the last case.

8 And in there it says, on the second sentence it 9 says, "Like Staff, we are open to consider a properly 10 designed PCAM proposal that incorporates the appropriate 11 balance between the Company and ratepayers. Yet the Company 12 proposal in this case really is nothing more than a request 13 for a power cost tracker and trueup mechanism." And I'll 14 stop there.

But essentially what we interpreted that is that the Commission's signal in the last case, at the end of the last case after I had completed this testimony, that it was open for a power cost adjustment mechanism and the Company did not offer one. Staff felt it was appropriate in this case to do so and to offer one.

21 Q So I appreciate that answer.

And can you now turn to -- it's your data request 7CX-- DCG -- it's your data request which has been marked as DCG-7CX.

25 A I'm there.

1 And you agree in that data response that the PCAM Q 2 proposal is virtually identical to Staff's PCAM proposal in 3 this case. 4 Do you see that? 5 А I'm sorry. Which paragraph? Say that again? 6 So I'm in the response to the Data Request 62. Q 7 Right. А And it's the first line of your response. 8 Q 9 Do you see that? 10 Yes, I do. А And again, just so the record is clear, your 11 Q response stated that Avista's ERM is virtually identical to 12 13 Staff's PCAM proposal in this case? 14 А Yes. 15 Q So I wanted to ask you, in the Company's 2005 16 case, the Commission rejected the Company's proposed PCAM modeled on the Avista ERM because it failed to take into 17 18 account Pacific Power's specific circumstances. 19 Are you familiar with that order? 20 I'll accept that. I mean, yes. I'm familiar with А 21 that. 22 Based on the conversations previously, I believe your witness Bryce Dalley was mentioned or talked about 23 24 that. Q So can you explain how your proposal specifically 25

1 addresses Pacific Power's special circumstances? 2 А Well, first of all, before you go there, I think 3 it's important to point out the reason why we never got anywhere with the previous proposals. 4 5 In reading the past cases and past orders associated with this, the Company had had the pseudo actual 6 7 issue. So there was really no way to take base NPC and 8 compare it to actuals. So that was a limiting factor that was resolved in the Company's last case when the Company 9 10 said, "Okay, we've got a solution for that," and then 11 proposed its last PCAM. 12 The only part in the last case where it fell short 13 was it didn't include properly designed deadbands and 14 sharing bands. 15 Now I want to get back to your question based on 16 that, what you're saying --So let me just say that you would agree we're 17 0 18 making progress, then? We're making progress if you can say that an RRTM 19 А 20 is a significant 180-degree departure from where we were in 21 the last case. Which is no, I guess. I'm sorry. 22 Q I thought we were tracking there for a minute. 23 Let's get back on track. So sticking with the 24 PCAM, and back to my question, the Commission's previous

25 order rejecting a PCAM based on the Avista model required

the design to take into account the Company's specific
 circumstances.

3 And my question to you is, how have you addressed
4 that requirement from the Commission?

5 A Well, I'm asking you to define what the specific 6 circumstances are, I guess. It may be helpful for me to be 7 able to answer that question without me going off and not 8 answering the question.

9 Q Well, that was the Commission's requirement. And 10 you know, I guess this isn't a dialogue. So let me get back 11 into questioning mode here.

12 Did you address that aspect of the Commission's 13 previous order?

A Well, again, I started off right where the Company left off with the exception of sharing and deadbands, and then went to the -- Avista's ERM and utilized that as the design to replicate for PacifiCorp.

And in the case of the design of the deadbands, for instance, if you look at the percentages that we used, if you work them down to Washington allocated basis from a net power cost standpoint and you look at it, so the deadbands for Avista are 4 percent based on 93 million dollars Washington allocated power costs.

And then it's the same amount for the design the Staff proposes in this case in the deadbands.

1 Then you have the bands associated --2 Let me stop you on that for a moment. Is your Q 3 testimony that the deadband that you proposed for PacifiCorp is mathematically the same as the one placed for Avista? 4 5 А Yes. 6 0 So are there any other modifications or tweaks to 7 the Avista PCAM that you made to address the differences 8 between Avista and PacifiCorp? 9 А None that I'm aware of. 10 So the exhibit that we just referred to, this data Q 11 request DCG-7X, was the current version of the data request we had at the time that the cross exhibits were due. And I 12 13 believe, just so the record is clear, you did supplement 14 that request? 15 А Yes, I did. In my haste to answer the first part 16 of the question, I failed to answer the second part of the question. My apologies. The supplemental responses I 17 18 believe were provided to you, and hopefully are in the 19 record. 20 So we will, just to make this easy without putting 0 21 a lot more paper in the record, the second part of the 22 question was "Please provide the annual customer credits or 23 surcharges resulting from the application of the ERM for 24 each year in which it has been in place."

25 Do you see that in the cross exhibit, DCG-7CX?

1 That was the second part of the question that 2 wasn't originally answered? 3 А Yes. And I'm referring back to what we provided, the supplemental. Okay. I'm there. 4 5 Q And your supplemental response was that deferral balances have never reached a level that has that triggered 6 7 either a credit or surcharge to customers. That was your first supplemental response? 8 That's correct. And I think that's indicative of 9 А the design. 10 11 Q So can you turn to page DCG-5C? 12 So that is your exhibit to your testimony in this 13 case. 14 Just give me a second to get there. Okay. I'm А 15 there. And this is a confidential exhibit. And as I 16 0 understand it, you know, the overall discussion of the 17 18 impacts of this table are not confidential; it's just the 19 numbers themselves, very specific numbers that may be 20 confidential. 21 So I'll try to ask you questions in a way that 22 keeps us at the high level nonconfidential place. 23 And if you feel the need to start talking about 24 specific numbers on the chart, let me know and we can go 25 into a more confidential mode.

1 So this exhibit was your backcast, just to use for 2 lack of a better word, looking back to see how this 3 mechanism would have worked had it been in place from 2007 to the present; is that a fair summary? 4 5 А Yes. 6 And under your proposal, the math we did looked 0 7 like the Company would recover roughly 28 percent of its under-recoveries from 2007 to 2013. 8 Does that sound about right? 9 10 I'll accept your numbers. But I didn't do that А calculation. 11 12 Q And assuming your historical analysis is 13 representative of the future, your proposal would allow the 14 Company to recovery only 28 percent of its variance in 15 renewable generation in the future; is that correct? 16 Well, I think it said again, you know, we're back А to, you know, what the expectation is of what this mechanism 17 18 is supposed to do. 19 It's not intended to be a dollar-for-dollar recovery mechanism as proposed in the RRTM or in the hydro 20 21 referral or whatever manifestation the Company made in the 22 past to recover a dollar-for-dollar amount of its variation 23 in power costs. 24 So saying that is, you know, I think that the 25 Company needs to tailor its expectations of what a realistic

0572 1 power cost adjustment mechanism is supposed to do. 2 0 So can you go back to your previous testimony in 3 the last case? 4 And that is again, for the record, DCG-10CX. 5 A Okay. Which page? 6 Can you turn to page 9, please? Q 7 Okay. I'm there. I'm sorry. Is it page 9 of the А exhibit or --8 9 Q I'm doing this again. It's page 9 of the exhibit, 10 which is --I gotcha. 23, right? 11 А 12 Yes. And there on line 16 through 18, you agreed Q that a -- the, quote, expanded role today of renewable 13 14 resources within the Company's generation portfolio is an 15 additional element supporting a properly designed PCAM for the Company." 16 Do you see that testimony? 17 18 А Yes. I agree, yes. 19 And isn't that what the Company is attempting to Q address in its RRTM? 20 21 А Not within the context of a properly designed 22 power cost adjustment mechanism. 23 Q So I wanted to ask you a follow-up question on the 24 QF's. 25 But before I do that, let me ask you a final

question on the PCAM testimony. Your proposal does permit a 1 2 carrying charge on the unrecovered net power costs that it 3 accrues in the deferred balancing account, correct? 4 Right, both on the credit and the surcharge, both А 5 for the customers and Company. 6 And it's symmetrical, the amount you'd apply? Q 7 The carrying charge is the same? Okay. Yes. 8 А And that's consistent with the way Avista's 9 Q mechanism works and Puget's as well? 10 А 11 Identical, yes. So regarding -- I just want to get the record 12 Q 13 clear because it seems like we've been talking about this 14 situs assignment of QF's. 15 And regarding your statement that Mr. Duvall 16 incorrectly stated that QF's were not situs assigned, 17 Mr. Duvall was asked whether QF's were situs assigned for 18 the merger, correct? 19 And that merger was the Utah Power/Pacific Power 20 merger; is that your understanding? 21 А I must have heard the question wrong. I heard it 22 to be after the merger. And you were referring to maybe the acquisition by 23 0 24 MEHC or a later period of time? 25 MR. OSHIE: Objection. He's already answered

1 the question, your Honor.

2	Interjecting another possible answer I don't
3	think is going to get the record anywhere in this case.
4	JUDGE MOSS: Just rephrase the question,
5	please.
6	Q (By Ms. Wallace) I'm just trying to be helpful
7	here. What is your understanding with respect to when QF's
8	were previously situs assigned?
9	A Previous to 2004. And so again, going back as far
10	as the merger, as far as I understand.
11	So going forward from 2004, at that point in 2004,
12	there was a decision made, or a change in the protocol,
13	which took and remained kept situs allocation for QF
14	contracts that were 2004 and older.
15	In fact, there was some dispute of when contracts
16	were executed to qualify for inclusion in I'm trying to
17	think of the word system allocation beyond 2004.
18	And so then there was an embedded cost
19	differential that was also applied and a number of very
20	complex adjustments that are really kind of hard to
21	understand, at least from my perspective. I didn't spend a
22	lot of time analyzing them because they're not pertinent in
23	this case.
24	But fundamentally the application or the

25 concept behind situs allocation for state resources applies

1 for a number of other instances; for example, conservation, 2 renewable portfolio standards, a number of those. Those 3 apply because there are policies that drive those. 4 And from a cost causation standpoint, that's where 5 those costs needs to reside. And that was the principle and logic behind situs allocation. 6 7 So is it your understanding that the QF's were Q 8 system assigned until the revised protocol was adopted? 9 А No. 10 MS. WALLACE: That's all I have. 11 JUDGE MOSS. All right. Do we have extensive 12 questions from the bench? 13 COMMISSIONER GOLTZ: I don't have any 14 questions, but I have a suggestion. It seems to me, as I 15 raise the issue of how historically this was done and seems 16 to be subject to some cross-examination questions, it might 17 be easier to pull that out in a bench request unless every party is going to give us different answers. But it should 18 19 be something that's ascertainable and not in dispute. It's 20 just some memories may have faded and there may be some 21 different issues about timing. But it seems to me that a 22 bench request would be relatively simple. And if there's a 23 dispute, then so be it. 24 MS. WALLACE I would agree. I think we might

25 have had some confusion about which merger and time frame

1 we're talking about. So it's verifiable. And we can 2 produce that information, and then we won't be talking past 3 each other. 4 JUDGE MOSS: So we'll treat it as a bench 5 request. 6 Let's take our break before we have questions 7 from the bench, and try to be back by ten after, please. 8 (Bench Request No. 5 noted.) 9 (Recess.) 10 JUDGE MOSS. Let's be back on the record, 11 please. 12 Commissioner Jones, I think you may have some questions for Mr. Gomez. 13 14 15 QUESTIONS FROM THE COMMISSIONERS 16 COMMISSIONER JONES: Good afternoon, Mr. 17 Gomez? 18 THE WITNESS: Good afternoon, Commissioner. 19 COMMISSIONER JONES: Would you turn to Exhibit DCG-5C, please. 20 21 THE WITNESS: I'm there, Commissioner. 22 COMMISSIONER JONES: So can you just walk me through how this is going to work? 23 24 And did you hear the exchange I had this 25 morning with Mr. Duvall over perhaps the pseudo actuals and

the difficulty of deriving actual power costs? 1 2 THE WITNESS: Yes. 3 COMMISSIONER JONES: So maybe you could help me a little bit about how you're going to do that in this, 4 5 because this is essentially the way the PCAM, as you propose it, is going to work right? 6 7 THE WITNESS: Yes. 8 COMMISSIONER JONES: So why don't you start 9 at the top, NPC base? 10 THE WITNESS: Well, the NPC base is the amount that's established as a result of an annualized 11 adjustment, again with the mechanics being worked out on a 12 13 regular basis. The Company and the Commission will work to 14 determine what the power cost baseline is going forward and 15 will apply that as being setting the baseline, either 16 through a general rate case or through some other 17 proceeding. 18 Once that's established, a period of time 19 will go by where at the end of the year the Company presents 20 a report or presents a status of a report in this kind of 21 format that shows what their actuals were, based on Mr. 22 Duvall's testimony in the last case, where he explains the process by which which accounts would be used and what have 23 24 you.

25

So the actuals themselves are representative

1 of a per books using WCA methodology.

2 COMMISSIONER JONES: So that first line would be to take 2014 NPC, net power cost, it would be the 592.7 3 million dollars that Mr. Duvall referenced this morning, 4 5 right? THE WITNESS: Yes, if you --6 7 COMMISSIONER JONES: -- number? THE WITNESS: -- yes. 8 COMMISSIONER JONES: Okay. And then for the 9 second one, how are you going to get to the actuals? 10 11 Because you heard Mr. Duvall this morning saying they don't dispatch -- they dispatch as a system. 12 13 They don't dispatch WCA/ECA. And therefore the loads, at 14 least according to his testimony, the WCA loads and 15 resources don't match the system loads. 16 So you're going to have to do some 17 reconciliation to get to NPC actuals, aren't you? 18 COMMISSIONER JONES: Well, my understanding 19 -- and again, Mr. Duvall's understanding of how he 20 calculates the entire costs for WCA are probably better than 21 mine. But my understanding is that the WCA methodology, at 22 least the resources that are used to -- have been determined to be included in the calculation of net power costs are 23 24 used when the grid was modeled originally. And the grid 25 models that for the base position and uses the load

1 associated with the forecast of what the actual load will be 2 for Washington -- or excuse me; for WCA.

And then what it does then, is when they calculate the NPC actual, my understanding is that they have a methodology by which they had represented in the last case, and that Staff examined and accepted, they come up with an NPC per books that is comparative to the NPC base number.

9 COMMISSIONER JONES: Okay. So my question 10 is, is that going to take a lot of work on your part to 11 verify the NPC actual, given that there's -- given that Mr. 12 Duvall has testified before that's it's a pseudo actual, and 13 there are assumptions and various variables that could go 14 into that line?

15 THE WITNESS: I think that the way I 16 understand it is that we have now resolve the pseudo actual 17 issue. We're not in the pseudo actuals anymore.

18 So the Company will actually present the net 19 power costs per books. And that's our understanding based 20 on what the Company told us in the last case. So they're 21 not using modeling to determine what their pseudo actual is 22 anymore.

23 So that was a big hurdle to overcome to make 24 the actual PCAM actually workable from a Staff perspective. 25 So it's not a big hurdle for Staff to look at

1 and verify these numbers based on our experience with them 2 and having worked with them in the last. 3 COMMISSIONER JONES: And then the only other 4 item on this page I'm going to ask you about is the retail 5 revenue adjustment. 6 You testified earlier that the structure of 7 that is very similar to the ERM of Avista where we apply a retail revenue adjustment. Is it the same sort of 8 9 adjustment where you're trying to match test year loads with 10 regular loads? 11 THE WITNESS: Yes, it's identical to the retail revenue adjustment that's used in here. 12 13 COMMISSIONER JONES: Now let me ask you about 14 the deadbands. I didn't understand you earlier in your 15 response to Ms. McDowell. 16 The way you propose to set the deadband is 5 percent of the actual WCA net power cost, right? 17 18 THE WITNESS: Right. 19 COMMISSIONER JONES: So that would be roughly 20 5 percent of 592 million. My rough math suggests that that would be about 30 million dollars, 29 to 30. 21 22 Is that accurate. THE WITNESS: Give me a second, Commissioner. 23 24 Let me make sure that I can triangulate on these numbers.

25 million.

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1	COMMISSIONER JONES: How much?
2	THE WITNESS: 25 million.
3	COMMISSIONER JONES: 25. And what is the
4	number for Avista in here?
5	What is the dead band?
6	THE WITNESS: The deadband, when calculated,
7	is four million, based on 93 million dollars of Washington
8	allocated net power costs.
9	COMMISSIONER JONES: So four million?
10	THE WITNESS: Which is a little over 4
11	percent.
12	So in the case so is there anything magic
13	about the number of five? I mean, if the Commission were to
14	say, "We like this but we think another deadband number
15	would be appropriate," would 4 percent be appropriate?
16	THE WITNESS: Yes. But I think the way I
17	understand the way the numbers work themselves down because
18	of the allocations on our Washington allocated basis, the
19	deadband that's presented there of 25 million at 5 percent
20	of what the WCA and NPC costs represents, when you work that
21	down to Washington allocated, when I did the math it worked
22	out identical to, in this case, Avista, which is a little
23	bit over 4 percent.
24	COMMISSIONER GOLTZ: And you stated earlier
25	that you think the ERM is operated well because it has never

1 triggered that 10 percent of base retail revenues; it's 2 never gone beyond the trigger. So that in your view is a 3 proper deadband. 4 I think other people could argue that perhaps 5 you need to squeeze down the deadbands a little bit more so it triggers at least on a more frequent basis. 6 7 THE WITNESS: Well, I think that as we go 8 along and learn and work with the Company and develop some history behind it, perhaps those are things we can look at. 9 10 We have to start somewhere, obviously. So we 11 can't let the perfect be the enemy of the good at this 12 point. 13 COMMISSIONER GOLTZ: I use at that in my 14 speeches too. 15 THE WITNESS: It's a good one to use. 16 COMMISSIONER GOLTZ: Okay. Next question, asymmetry. So the 75 percent going in the customer 17 18 direction, it's shared in the surcharge direction 50/50 19 between customers and Company. 20 And then when it goes back to customers, 21 you're recommending that it's 75 percent going back in the 22 rebate direction, right? 23 THE WITNESS: That's correct. 24 COMMISSIONER JONES: And what is your 25 rationale for that?

1 Is it primarily we do it in the ERM for 2 Avista? 3 THE WITNESS: Well, the principle as far as it applies to Pacific, the Commission has affirmed that the 4 5 same condition would apply to any future power cost adjustment mechanism that Staff or anybody else -- well, if 6 7 the Commission were to accept a power cost adjustment mechanism for Pacific Power, it would do so to reflect the 8 9 appropriate bands. And so on the credit side it would 10 reflect the asymmetry, which I think you're familiar with 11 the principle wide area --12 COMMISSIONER JONES: Yes, I am. 13 THE WITNESS: Okay. 14 COMMISSIONER JONES: The last question on the 15 PCAM is the carrying charge. We have a lot of carrying 16 charges on deferral accounts, don't we? THE WITNESS: Yes. 17 18 COMMISSIONER JONES: So my question, I mean 19 we can use ROR, we can use net after tax return, overall 20 return, we could use long-term debt, short-term debt, 21 embedded debt. 22 So why are you recommending here that we --23 what are you saying here? 24 Actual cost of debt, In this case would that 25 be the 5.19 percent that is in the cap structure?

THE WITNESS: Yes. It's --1 COMMISSIONER JONES: Is that what you're 2 3 recommending? 4 THE WITNESS: -- Whatever is represented in 5 the Staff case with regards to the cost of capital. 6 COMMISSIONER JONES: That's Mr. Parcell's 7 testimony? THE WITNESS: Yes. 8 9 COMMISSIONER JONES: So that would be 5.19 10 percent? 11 THE WITNESS: Correct. 12 COMMISSIONER JONES: Why not after tax ROR, because we use that on some deferred accounting. Why would 13 14 that not be appropriate? 15 THE WITNESS: I think I really cannot offer 16 an answer to you, Commissioner, on that, which one. I haven't made that examination and don't know. 17 COMMISSIONER JONES: Okay. Finally, on the 18 QF contracts issue, could you run through the logic again? 19 20 I think you said in response to a question 21 earlier that the difference in terms between the Oregon and 22 California contracts and the five years on the Washington 23 contracts, I think you said there would be significant cost 24 shifting to Washington customers.

25 Did you say that?

1 THE WITNESS: Yes, I did. 2 COMMISSIONER JONES: Can you walk through 3 that logic for me? 4 I'm not talking about the price per megawatt 5 hours, the price; I'm talking about the term. 6 THE WITNESS: Well, the term is important. 7 And the term, when one applies the fact that 8 the size of the actual contracts themselves, the resources 9 that are being contracted for and the sheer number and 10 volume, when you apply those two right there, the magnifies the effect of any differential with regards to avoided costs 11 12 that are reflected in these contracts. 13 So the fact is that you have a large number 14 of contracts, and I want to say just under a quarter of a 15 million megawatt hours there modeled in this case alone. 16 The exhibit that I had that shows the impact of that was to 17 kind of lay side by side what the load impact was of the 18 contracts vs. what the differential was. 19 And I think it's telling, when you look at it 20 from that basis on maybe an apples to apples comparison 21 between the impact of the -- what the Company's proposing in 22 its -- or making in its proposal to accept these contracts 23 vs. what happens in another company, given the fact that 24 these resources and the amount of power that we're talking 25 about are completely different, what is their impact and

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1 what it does to costs.

2 COMMISSIONER JONES: And how many contracts? 3 Do you have a number? 4 I'm sure you've looked at most of the 5 contracts in Oregon and California, have you not? 6 THE WITNESS: Yes, I did. And I actually did 7 count. I count over 80; 80 contracts that we're talking 8 about, at least what the Company had presented in the last 9 case when it provided the Commission a complete list of all 10 the QF contracts. 11 So you know, when you look at it compared to the five that we're looking at from Idaho for Avista and the 12 13 amount of power we're talking about, I think we're talking 14 about two different things. 15 COMMISSIONER JONES: So you heard my 16 exchanges with Mr. Duvall this morning on repricing, right, in years 6 through 11; if we were to adopt a repricing 17 18 proposal, how would this work operationally? 19 You heard that, didn't you? 20 THE WITNESS: Yes. 21 COMMISSIONER JONES: So do you have any 22 comments on that? 23 And I'm specifically trying to get at 80 24 contracts, a wide variety of avoided costs at different 25 times' expiration; this is going to be fairly complex. So I 1 want your opinion on how much work this is going to take and 2 how are you going to verify this proposal if we do accept 3 that?

4 THE WITNESS: Well, I think that the first 5 thing is to kind of look -- when you look at what the 6 Company actually did to arrive at the repriced contracts, I 7 mean, if you look that alone, I mean, you really can't even 8 get past that in terms of the Company's proposal because, you know, you first have to be able to accept -- and I think 9 10 the Commission would agree to my opinion that we would have 11 a great deal of problems with this because what it would do 12 is then I think the impact of this approach would be to, in 13 reality, treat in-state Washington QF's differently than we 14 would treat another state's, only for the purpose and 15 expediency of bringing them in to, you know, to calculate 16 net power costs for the Company, at least in the way the 17 Company proposes in this repricing proposal. 18 So that alone presents problems.

19 And there's also -- sorry.

20 COMMISSIONER JONES: Mr. Gomez, let me stop 21 you there.

22 But that doesn't necessarily make sense to 23 me. We have three contracts in Washington state, right? 24 THE WITNESS: Yes. 25 COMMISSIONER JONES: Only three. And there

1 are like 80 or 100 --2 THE WITNESS: Right. 3 COMMISSIONER JONES: So I don't necessarily understand the -- and they appear with the Tieton contract 4 5 and the City of Walla Walla contract. So that doesn't appear to me to be -- anyway, please proceed. 6 7 THE WITNESS: Well, okay. I think it's 8 important to understand the context behind what the avoided 9 costs -- the role it plays and the acquisition in the 10 resource planning procedure in Washington state. 11 To say that we're going to apply a different 12 process for the expediency of some cost allocation 13 methodology I think is going down the wrong path from a 14 policy perspective. 15 And I think the fact is that when the avoided 16 costs are calculated as a result of this repricing proposal, 17 what it does is I think it really endangers or sets on its 18 head the basic principle of ratepayer indifference, because 19 the avoided costs that are calculated, even through the 20 repricing proposal, really do not represent the avoided cost 21 that's actually present for Washington as calculated and 22 present in the Company's published tariff. 23 So what happens is that we depart from that. 24 And then we have some other methodology for calculating

25 avoided costs that's completely different.

25

1 I think that's problematic from a policy 2 perspective. 3 COMMISSIONER JONES: So what are you concerned about there? 4 5 Are you concerned about FERC under its 6 enforcement powers coming after the Washington State 7 Commission like they have with Idaho and saying we're 8 pursuing an unlawful action, or are you making a public policy argument here that we the Commissioners have to make? 9 10 THE WITNESS: I never thought of it from a 11 perspective of risk of FERC coming after us. 12 But I think it does create some problems with 13 regards from a policy perspective if the sanctity of -- and 14 the context behind avoided costs in QF's, the roles they 15 play in the acquisition and resource planning process. 16 I think to interject a repricing proposal, I 17 think creates problems or could create, I suppose now that 18 you mention it, some perception in the minds of developers 19 here in Washington saying Oregon ratepayers are getting --20 or the Oregon developers and QF's are getting a different avoided cost than we are. 21 22 I think that creates a lot of problems. And 23 I think just beyond the administrative problems that Staff 24 would have to administer all these contracts and make sure

everything is lined up on a regular basis because it would

1 be shifting constantly.

2 COMMISSIONER JONES: So let's step through 3 this a little bit. 4 So if there were a disagreement between Staff 5 and the Company on a repricing of, say, a wind contract that's ten megawatts or five megawatts in Oregon, and you 6 7 disagreed with the way Mr. Duvall and the Company repriced 8 it. 9 How would that come to the Commission? 10 Would that come to us at an open meeting? Would that come to us annually when the 11 avoided cost methodologies are set for all three IOU's and 12 13 presented to the Commission? 14 Have you thought through that a little bit? 15 THE WITNESS: Those are great questions. And 16 I think that -- no, I haven't thought those through. But I think for that very reason that you 17 18 just said, Commissioner, I think the implication from a policy perspective, you would have to open it up in a 19 20 broader sense. 21 And how does that affect other utilities? 22 How does that affect -- I think it's just 23 problematic. 24 This goes beyond whether or not you consider 25 the fact that these policies -- you know, the genesis of

1 these policies are in a different state. We've set an 2 avoided cost, used their authority under PURPA to set 3 avoided cost a certain way and have the contracts, standardized long-term contracts at a fixed cost for a 4 5 certain period of time. To do all of these things is a state policy decision. 6 7 COMMISSIONER JONES: Mr. Gomez, you don't 8 appear to be very excited about implementing a repricing 9 alternative? 10 THE WITNESS: I don't like it at all. 11 COMMISSIONER JONES: Just briefly, if we went with something, would you prefer that or the low decrement 12 13 proposal? 14 THE WITNESS: I think I like the low 15 decrement proposal even worse, because I think the low 16 decrement proposal departs even further. 17 I mean, I think that the low decrement 18 proposal is just simply another way of talking about the 19 Company's already discredited argument in the last case, 20 which was that -- this notion that power flow, the flow of 21 power determines the actual trend of -- let me find my wording to make sure I say it correctly. It's been a long 22 23 day. 24 COMMISSIONER JONES: It's on page 14 and 15. 25 THE WITNESS: Situs allocation has nothing to

1 do with the physical flow of power across state boundaries. 2 Situs allocation under the WCA methodology concerns only the 3 assignment costs. 4 I think that's the commission in -- that was 5 a resounding theme in Oregon, and I think it applies here. So the low decrement proposal really just punishes 6 7 Washington ratepayers. COMMISSIONER JONES: Thank you, Mr. Gomez. 8 9 As opposed to the PCAM issue, where you offer some 10 alternatives, on this one you appear not to be giving us 11 much flexibility to examine it. 12 The way I'm hearing you is from the Staff 13 perspective, it's rejected: reject low decrement, reject 14 repricing, just keep it with situs allocation. 15 Is that a correct understanding? 16 THE WITNESS: Yes, Commissioner. COMMISSIONER JONES: Okay. 17 18 CHAIRMAN DANNER: So I want to make sure I 19 understand what you're saying. Putting aside the fact that 20 situs is in a current UTC order, and for that reason I 21 understand that you respect it and love it, but currently if 22 you had a blank slate to work with, do you think the status 23 quo is in fact fair to the Company? 24 THE WITNESS: Well, I think the Company represents fairness on its -- I think it's convenient for 25

1 the Company to say this isn't fair.

2	The reality is you have to really take a step
3	back and think about, you know, how the revised protocol was
4	arrived at in terms of the different treatments or different
5	ways it's allocated to QF costs, right?
6	Presumably there's been some kind of a
7	tradeoff. Nothing happens, at least as I understand it in
8	the revised protocol, without there being some kind of
9	consideration on the other end.
10	We're not privy to that; we don't understand
11	the mechanics of how that actually works, nor has the
12	Company really been forthcoming to tell us with regards to
13	the changes in the 2010 protocol which then all of a sudden
14	allocated on a systemwide basis these QF's. What was traded
15	off?
16	Was it the I'm trying to think of the word
17	hydro endowments, where some allocation associated with
18	the hydro endowments that favored one jurisdiction or made
19	the Company whole in one area or the other was used in order
20	to understand or to make all these different horse trades
21	that are associated with the revised PURPA? We don't know.
22	The point is that the Commission saw that the
23	most appropriate way and I think it applies to this day
24	to handle the cost allocation of QF contracts is on the
25	situs basis. It's the cleanest, it's the easiest to

1 understand, and it's the one that ultimately puts those 2 costs with the jurisdiction, or in this case the state, that 3 is driving them. And I think that's our appropriate 4 alignment. 5 So yes, I do support the status quo WCA situs allocation. 6 7 CHAIRMAN DANNER: Independent of the fact that that's what we called for in the last order, you think 8 that that's --9 10 THE WITNESS: Yes, I think the Commission was 11 absolutely --12 CHAIRMAN DANNER: If you were up here, you 13 would say that's what you want? 14 THE WITNESS: . And that's to say I think 15 that is the fairest outcome possible, given all the 16 circumstances. CHAIRMAN DANNER: All right. Thank you. 17 JUDGE MOSS: Okay. Any follow-up? 18 19 MR. OSHIE: Yes, your Honor. I have a few 20 minutes. 21 MS. MCDOWELL: Your Honor, I'm going to have 22 a few questions if I may. 23 And I don't know if it's more appropriate for 24 me to jump ahead, Mr. Oshie. 25 JUDGE MOSS: You might want to go after her.

1 MR. OSHIE: That would be fine, your Honor. 2 MS. MCDOWELL: However you would like to do 3 it. 4 JUDGE MOSS: You go ahead. 5 MS. MCDOWELL: Thank you, your Honor. RE-CROSS EXAMINATION 6 7 BY MS. MCDOWELL: 8 Q 9 Company's repricing proposal. 10 But isn't it true that on a going forward basis 11 12 of Washington or within Washington, so there's nothing 13 14 Are you saying situs allocation? А 15 Q No. I'm saying under the Company's repricing 16 proposal, all QF's would be treated the same, whether they're within Washington or without. 17 18 А I'd have to disagree with that question, maybe because I don't understand it really well. But I think you're saying "treated" how? 21 Meaning -- you're meaning that the utility 22 compensates them based on their contract? 23 Q Let me just rephrase my question. 24 A Okay. If all QF's, whether they're located outside of 25 Q

Mr. Gomez, you talked about the complexity of the

all QF's would be treated the same, whether they're outside complex about that from a developer's standpoint, is there?

1 Washington or located inside of Washington, are given the 2 same price, there's nothing complicated about that, is 3 there? 4 А There is not. But the repricing proposal does not 5 do that. 6 So you're saying on a backward looking basis, the Q 7 legacy contracts, that calculation is complicated; is that--I'm not saying it's complicated. I think it's 8 А 9 wrong. 10 But on a going forward basis, it's all one price. Q 11 So there's no complexity there, is there? 12 I'm struggling to understand. А It's all Schedule 37, correct? 13 0 14 From a Washington perspective? А 15 Are you saying then that the term lengths of the 16 contracts would reflect the current avoided cost schedule. That's correct. 17 Q 18 А That's different from your repricing proposal. No, that's correct. Under the repricing proposal, 19 Q 20 outside of the state, all QF's coming in here would be 21 deemed to be treated the same as Washington QF's in all --22 Is that a new proposal? А 23 0 That's the Company's proposal on a going forward 24 basis. That's not the way I understand it. 25 А

1 Q So maybe we have a misunderstanding. 2 In the Commission case Washington Water Power, the 3 Commission did reprice a QF in just this way, didn't it? 4 No, it did not. А 5 Q So we have another disagreement, don't we? 6 Yes. I read that order a couple of times and saw А 7 Mr. Duvall's rebuttal that said it was repriced. I don't know how he got to that conclusion. But 8 9 what I'd say the revenue requirement on a Washington 10 allocated basis for that contract was 6.1 million dollars. And the Commission, as far I read the order, in 1983 11 rejected that revenue requirement in its entirety. 12 13 So I don't know what you are referring to or 14 Mr. Duvall is referring to when he says reprice. 15 Q So Mr. Gomez, it's true, isn't it, that in your 16 responsive testimony in this case you dedicated exactly one 17 paragraph addressing the Company's repricing proposal? 18 А Which paragraph are we talking about? 19 That's the paragraph at the bottom of page 15. Q 20 Okay. Page 15 of the --А 21 Q And the top of page 16? 22 Top of page 16. Yes. А So the concerns you were raising about this 23 0 24 proposal are concerns that have come to you since the time 25 you filed this testimony?

1 A No. I think for the sake of brevity and 2 simplicity, I think that that statement there covers it. I think --3 Q Well, the reason I'm asking is because the Company 4 5 hasn't had a chance to respond to any of your concerns about the repricing proposal because you didn't raise them in your 6 7 testimony, did you? I did. I said the repricing proposal should be 8 A 9 rejected, as with the low decrement. 10 Q In one paragraph, correct? JUDGE MOSS: Ms. McDowell, I'm going to 11 12 caution you, you're going beyond the purpose of this stage 13 of the testimony, which is to follow up to questions from 14 the bench. 15 MS. MCDOWELL I'm through. 16 JUDGE MOSS: Mr. Oshie? MR. OSHIE: Thank you, your Honor. 17 RE-DIRECT EXAMINATION 18 BY MR. OSHIE: 19 20 Mr. Gomez, I have a few questions. So let's start 0 with the references to the State of Idaho. 21 Does the State of Idaho -- excuse me; Avista. 22 Does Avista have a WCA or anything like this? 23 24 Not that I'm aware of, no. А 25 Q Do you know what the -- have you been able to

0599 1 determine the rate impact from allocate Idaho QF's to 2 Washington? Yes, I did. It's in my exhibit. In fact, let me 3 А get to it. 4 5 Exhibit DCG-3, if you look at that exhibit, what I showed is contribution to system load vs. contribution to 6 7 system NPC on a contract to market price differential. Is that different from what's being proposed by 8 Q 9 the Company in this case? 10 А Yes. 11 Q As far as the monetary difference? 12 Yes. And it's significant. А 13 The purpose of my exhibit was to show it not on a 14 whole dollar standpoint as much as it is on a comparative 15 basis. Do you know if Avista brought its QF's for 16 0 Washington's consideration on a case by case basis, or was 17 18 it just bundled up as a group of QF's to say, Here's what we've done and we want you to price it looking backwards, or 19 20 even to price it as a group at the current avoided cost 21 rates? 22 А No. It made no such representation. So let me go back to the WCA. It's my 23 0 24 understanding that the WCA was -- let me put it a little 25 differently so I can ask the question differently.

1	It's clear that the WCA in its current form
2	allocates QF's to the states that have approved the
3	contractors, or said a different way, where the facilities
4	are located. Has that changed since the WCA has been
5	adopted?
6	In other words, has the situs allocation
7	principle?
8	A I think are you referring to what the
9	classification is of the resource, meaning like a state
10	resource?
11	Is that what you're referring to?
12	Q Well, I'm not what's your understanding, Mr.
13	Gomez, of how the WCA treats QF's located in different
14	states?
15	A Situs allocation.
16	Q And has that been the same since that was it was
17	proposed by the Company for adoption in the 2006 rate case?
18	A Yes. The Company, when it proposed the WCA,
19	proposed that situs allocation for those resources.
20	Q Earlier in your testimony you talked about a
21	five-year rollover.
22	And I believe Commissioner Goltz mentioned that as
23	well?
24	A Yes.
25	Q Could you explain that to the Commission, please?

1 A Well, what that means is that first of all the 2 threshold test is the size of the resource as far as 3 reflected on the Company's tariff. A resource that's two megawatts and smaller can use the Schedule 37 avoided cost 4 5 schedule and use the published avoided costs to -- and would get those costs fixed for five years. So that schedule 6 7 itself would be valid. 8 So let's say if the contract were perhaps longer 9 than that, the Company at the end of the five years would 10 have to renew the contract based on the current avoided costs that are in the Company's schedule for Washington that 11 12 are published. 13 So it can only use those for five years. They're 14 only good fixed for five years. 15 Q And are the avoided costs re-evaluated at the end 16 of the five-year period?

17 A The avoided costs for the State of Washington, I18 believe, are re-evaluated yearly.

19 It's just in the case of the contract, yes, it 20 would be refreshed every five years.

Q So there was a question by Ms. McDowell about the resource diversity I believe provided by the Company's Washington QF's already in existence.

Do you have any further thoughts on that?A Well, it's a very small amount of power when we

1 talk about the Washington QF's contribution to total power 2 costs in terms of overall load. So their contribution as 3 far as capacity is very, very small. 4 Do you consider that resource diversity that they Q 5 provide material in any way? 6 А No. 7 MR. OSHIE: I believe that's all I have, your 8 Honor. 9 JUDGE MOSS. Thank you. Are we good? 10 All right. Mr. Gomez, thank you for being 11 with us this afternoon. You may step down. 12 And our next witness will be Mr. Twitchell. Is the Company estimating 20 minutes for Mr. Twitchell? 13 14 MR. LOWNEY: Your Honor, I think we will 15 stick with the trend and hopefully be less than that. 16 JUDGE MOSS: And how about The Energy 17 Project? MR. PURDY: If I can read my handwriting, I 18 19 can pare it down considerably. 20 JUDGE MOSS: We'll count on you to do that. 21 How about you, Ms. Davison? 22 MS. DAVISON: Five to ten. 23 JUDGE MOSS: And Alliance for Solar Choice? 24 MR. WIEDMAN: I'm waiving cross. 25

1 JEREMY TWITCHELL, witness herein, having been first 2 duly sworn on oath, was examined and 3 testified as follows: 4 5 DIRECT EXAMINATION 6 BY MR. OSHIE: 7 Mr. Twitchell, we'll start off with an easy Q question, which is can you please state your name and spell 8 9 your last name for the record? We'll find out. My name is Jeremy Twitchell; 10 А J-E-R-E-M-Y, T-W-I-T-C-H-E-L-L. 11 12 Q Now you have your prefiled testimony that has been 13 admitted. Have there been any changes to your testimony 14 that you'd like to make now? 15 A No, there is not. 16 Q All right. Thank you. 17 MR. OSHIE: So we tender the witness for 18 cross-examination, Judge. 19 JUDGE MOSS: Thank you. The Company will go 20 first. 21 CROSS-EXAMINATION BY MR. LOWNEY: 22 23 Q Good afternoon, Mr. Twitchell. My name is Adam 24 Lowney. I'm counsel for Pacific Power. 25 I'd like to just begin by asking you a few

1 questions about the residential rate design you proposed. 2 So if we could begin on page 27 of your testimony, please. 3 А Okay. 4 And on lines 7 through 10 of that testimony you Q 5 propose your new three-tier residential rate design; is that 6 correct? 7 А That is correct. And for a frame of reference, the Company's 8 Q 9 current rate design has a two-tier in climbing blocks; is 10 that correct? 11 That's correct. А 12 Q So you're proposing to add a whole new rate block? That is correct. 13 А 14 Would you agree that adding a new rate block is a Q 15 complicated matter? 16 No. I would not agree with that. А You would agree, though, you're establishing a new 17 0 level of -- a new cutoff, and you're establishing a new 18 19 price, correct? That is correct. 20 А 21 Q And you devoted quite a bit of your testimony to 22 outlining exactly why you're making the proposal you're 23 making, correct? 24 А Correct. 25 Q And are you familiar with the Staff's proposal in

1 the last Company rate case?

2 Α Can you be a little more specific? 3 I guess we do agree that the Company made a Q 4 similar proposal for a three-tier climbing rate block 5 residential rate design in the last rate case? 6 А Company or Staff? 7 Staff; excuse me. Q 8 А Yes. And would you agree that in that case the parties 9 Q 10 decided that further study was necessary prior to making such a significant change to the Company's residential rate 11 12 design? 13 А I recognize that there was a settlement agreement 14 to that effect. 15 Q And part of that settlement agreement was that 16 Pacific Power was going to conduct a study that would inform the issues relating to Staff's proposed three-tier rate 17 18 design; is that correct? 19 А That is correct. 20 0 And is it your understanding that the Company 21 filed the results of that study in July of this year? 22 А Yes. 23 0 Now going back to your testimony generally, is it 24 correct that you made no reference to the study anywhere in 25 your discussion of your rate design proposal?

1 А I believe that is correct. 2 0 Now I'd like to move on and talk a little about 3 how you determined the cutoffs for your rate design. 4 А Okay. 5 Q If you could turn to page 28 of your direct testimony? 6 7 А All right. And I'm going to refer you to lines 1 through 9 of 8 Q that initial paragraph, just for frame of reference. And 9 10 you testify in that paragraph that you relied on data from 11 the Housing and Urban Development Administration to 12 calculate the 800 kWh cutoff for your first tier; is that 13 correct? 14 А That is correct. 15 Q And the HUD data that you relied on is national data; is that correct? 16 А That is correct. 17 18 Q It's not specific to Washington or the Pacific Northwest region? 19 It is not. 20 А 21 And isn't it true that in the last case Staff also Q 22 relied on data from the Housing and -- from HUD? 23 That is my understanding. А 24 Q Okay. If you could please turn to the 25 Cross-Examination Exhibit JBT-10CX.

1 A Okay. 2 0 And I'd like to direct your attention to page 2 of 3 the transcript -- or excuse me; to page 2 of the exhibit, which is four pages from the transcript. And in particular, 4 5 if you look on page 582 of transcript in the upper left corner, there's a Q and A that begins on line 10 from 6 7 Commissioner Goltz to Mr. Mickelson. And Mr. Mickelson was a Staff witness in that 8 case; is that correct? 9 10 А Yes. 11 Q And the Q&A discusses the study that the company 12 agreed to perform. 13 And I'm just going to read you what Mr. Mickelson 14 testified to. He said, "I believe from the study, in Ms. 15 Steward's rebuttal she did bring up concerns about using 16 national data, I believe 2001 data, and so by using the 17 study, Staff and other parties will be able to use 18 information that is, A, relevant to this company and to their service territory, and so in setting rates based off 19 20 that, I think that is a good outcome." 21 Do you agree that's what Mr. Mickelson testified 22 to in his transcript? 23 А That's it what it appears. 24 And yet in this case, the Company relied on the 0 25 same national data, but as you testified to, you didn't

0608 1 refer at any point in your testimony to the Company-specific 2 study? 3 А Staff relied on the national data. 4 Q Staff relied? 5 А Yes. 6 Okay. If you could please turn to -- I guess Q 7 we're still on page 8 of your testimony. On the bottom of that page lines, 20 and 21, this 8 is your discussion of where you said the second cutoff for 9 10 the -- the cutoff between your second and third tier. And 11 you testify that you set the second block at 1700 kWh in 12 recognition that most of Pacific Power's Washington 13 customers rely on electric heating; is that correct? 14 А That is correct. 15 Q And would you agree that the Commission has 16 recognized that -- excuse me. You testified that the 1700 kWh level that you 17 18 proposed corresponds to the average winter usage for Pacific 19 Power customers; is that correct? 20 А That is correct. I chose that number because as 21 has come up in this hearing, the average use on an annual 22 basis is 1300 kilowatt hours per month. 23 I felt that by setting that third block at 1700 24 kWh per month, if you read the following lines at the top of 25 page 29, it does recognize that most customers are reliant

1 on electric heating. And so by setting that well above the 2 system average, it would recognize that fact and allow for 3 users to use more electricity for electric heat in the winter without being adversely impacted by this proposed 4 5 rate design. 6 Would you agree that the Commission has recognized Q 7 that temperature can have a significant impact on the Company's residential customers, given their reliance on 8 electric heat we were just discussing? 9 10 MR. OSHIE: Objection, your Honor. 11 Can Mr. Lowney please refer to the document that he is referring to in his question or an order of some 12 kind? 13 14 MR. LOWNEY: I would be happy to. 15 Q (By Mr. Lowney) Mr. Twitchell, are you familiar 16 with the Company's order -- excuse me; the Commission's order in the Company's 2010 rate case? 17 18 А In that I have looked at it before, yes. And in paragraph 218 of that order -- and I'll 19 Q just read you a quote and we have copies if you'd like to 20 21 look at it. The Commission said, "We find that temperature normalization is a more appropriate method to estimate test 22 year sales because many of PacifiCorp's customers use 23 24 electricity for space heating, and temperature may have a 25 significant impact on customer usage."

1 Does that sound familiar to you? 2 А Yes, it does. But I think that what the 3 Commission was saying there is that weather is not something 4 that can be appropriately planned for in any rate design. 5 It is not something known and measurable. 6 So that is why, as a matter of practice, the 7 Commission does a temperature adjustment to the billing 8 determinants during the test year to remove the impact of weather from the determinants used to set rates. 9 10 Well, given that winter usage is largely tied to 0 11 electric heat, would you agree that usage greater than 1700 12 kWh per month is largely weather related? 13 А I would not agrees with that as a general rule. 14 I think there are studies -- I think there is a 15 large number of heavy use customers who are well above that 16 regardless of the time of year. If you could please refer to page 27 of your 17 0 18 testimony? 19 А Okay. 20 And on lines 18 to 19, you describe the rationale 0 21 behind the three-block rate design. And your testimony 22 states that it serves two key purposes: To create a clear pricing for residential customers, to be more efficient, and 23 24 to follow the principles of cost causation. 25

Do you see that testimony?

1	A Yes, I do.
2	Q I'd like to ask you a few questions about the
3	first part of that rationale, being the clear price signal
4	for residence customers?
5	A Okay.
6	Q So if you could please turn back to page 29 of
7	your testimony?
8	A All right.
9	Q And at the top of that page, on lines 3 to 4, you
10	state that under Staff's proposal, rates for all usage
11	between 600 and 1700 kWh would be reduced from their current
12	levels; is that correct?
13	A That is correct.
14	Q And I believe you previously testified that
15	average usage was 1300 per kWh month; is that correct?
16	A Correct.
17	Q So under your proposal, the average customer would
18	receive a rate decrease; is that correct?
19	A That is correct. I would just add that that is a
20	function of Staff's lower revenue requirement.
21	Had this rate design been implemented with the
22	Company's revenue requirement, that would not have been the
23	case.
24	Q And to be clear, the Staff does not support the
25	Company's revenue requirements in its entirety?

1 A That is correct.

2 0 But you would agree that Staff's position in this 3 case does require for an overall revenue requirement 4 increase; is that your understanding? 5 А Yes. 6 So even though costs are increasing, your rate 0 7 design would lower cost for nearly half of all customers bills; is that correct? 8 9 What my rate design does is recognize those А 10 increasing costs, but assign them to the customers who are 11 using above system average, who have high usage, who are in 12 large part driving those costs. Now would you agree that if a customer's bill 13 0 14 decreases, it's likely to result in greater usage? 15 А I think that's a potential outcome. I wouldn't 16 call it likely. If you could please turn to the cross-examination 17 0 we've labeled JBT-12CX. 18 19 А Okay. 20 And this is a report from the National Regulatory 0 21 Research Institute. And the report is entitled "How to 22 Induce Customers to Consume Energy Efficiently: Rate Design 23 Options and Methods"; is that correct? 24 А That's correct. 25 Q And this is a document you cited in your testimony

1 that you relied on in designing your rates; is that correct? 2 А That is correct. 3 If you could please turn to page 13 of the exhibit Q 4 which again, unfortunately, I don't think will tie directly 5 to page 13 of the -- or excuse me; it's page 13 of the 6 exhibit, which is page 7 of the actual document. 7 And I'm just going to read you a sentence. And this is, I believe, the third sentence in the first full 8 paragraph on that page. And it says, "If most customers 9 10 would see lower peak rates under declining block rates 11 without changing their consumption, the rates would not 12 encourage energy efficiency." 13 Do you see that sentence? 14 А I do. 15 Q Would you agree with that sentence? 16 I would agree with that sentence. А 17 But I would dispute the premise that my proposed 18 rate design would achieve that outcome. 19 0 But you agree that most customers would experience 20 lower overall rates, correct? 21 А No, I believe that it was about 45 percent. Okay. So roughly half? 22 Q 23 А Roughly. 24 MR. LOWNEY: Thank you, Mr. Twitchell. I 25 have no further questions.

0614 1 JUDGE MOSS: Thank you very much. 2 Mr. Purdy? CROSS-EXAMINATION 3 4 BY MR. PURDY: 5 Q Thank you. I think I will strive to be a little more conceptual with you and focus on the two areas of basic 6 7 charge and your third tier proposal. Now your testimony -- perhaps this has been 8 9 covered. I try to take notes. I'm sorry if I missed some. 10 Your testimony regarding rate design seeks two objectives or principles; one, insuring reliable recovery of the utility's 11 12 fixed costs, and two, sending a clear price signal. Is that a fair statement? 13 14 Yes, that's a fair statement. А 15 Q Would you agree with the third principle of what 16 has been referred to in this case as gradualism? I would. 17 А 18 Q I've heard that referred to by other names, rate shock or just moving incrementally toward something, but 19 20 same thing in my mind, would you agree? 21 А I think those are fair synonyms. 22 All right. Have you incorporated that concept or 0 that principle into your proposal in this case in your mind? 23 24 А Yes, I have. As I explained in my testimony, that 25 although there is a significant increase in the basic

charge, there is an offsetting benefit in the form of lower
 volumetric rates.

3 So I think when you're talking about gradualism, 4 you have to look at the big picture. You have to look at 5 what is impact on the total bill. You have to think of it 6 more like a pie; that we may be changing the shapes of some 7 slices, but we're not changing the shape of the pie based on 8 where we set a basic charge.

9 Q Okay. I'll come back to that in a moment.

10 You expressed concern about the Company's slowing 11 load growth due to what you characterize as end use 12 efficiencies and DG, or distributed generation, which is 13 really just self-generation, correct?

A No. I was very careful in my testimony not to attribute the Company's slowing load growth to DG, because I do not agree with the Company's assertion that that is a factor.

However, I do recognize that increased energy efficiency as largely driven by the Energy Independence Act has been a factor in the Company's slowly declining load growth.

Q Thank you for that correction.
So could you give me an idea of what type of end
use efficiencies you're referring to?
A Absolutely. So the Energy Independence Act

0616 1 requires utilities to pursue all cost effective energy 2 efficiency. 3 And I referred to some of those in my testimony, if you'll bear with me for a moment. 4 5 Well, PacifiCorp is saving several thousand megawatt hours per year. I believe it was about 6700, 6 7 possibly, in the last -- excuse me; in 2013. 8 Q Okay. Fair enough. 9 Would you agree with me that to the extent that a 10 customer can reduce their own consumption through 11 efficiencies, that generally speaking, low-income customers 12 have less ability to do that? 13 А I would agree that they have less. 14 I would not agree that they have very little. 15 The Company -- Pacific Power's energy efficiency 16 programs have demonstrated very large significant savings from low cost and no cost measures, such as lightbulbs, 17 18 which thanks to the Company incentives are very low cost, 19 and the behavior program that the Company is running that 20 has also achieved significant savings at no additional cost. 21 So I think there are very real savings available 22 to customers, regardless of their income. 23 But I do recognize that there are certain measures 24 such as-- well, large capital expenditure measures, larger 25 appliances, in which a low-income person would be less able

1 to participate.

2	Q You note that the Company has no decoupling
3	mechanism, and you contend that the shifting of costs to a
4	basic charge to include the recovery of fixed costs is
5	effectively a decoupling proxy; is that a fair statement?
6	A I think that's a fair statement.
7	Q Okay. To the extent that certain low income
8	customers might have very low usage perhaps they're
9	fortunate enough to live in a senior center that is
10	relatively new and well-insulated or a lower income housing
11	project, and are largely consuming within the first block
12	would you agree that they have relatively little ability to
13	reduce their consumption?
14	A I would absolutely agree with that.
15	However, I would also add that in a rate design
16	that recovers a large share of fixed costs through
17	volumetric charges, such as what PacifiCorp has presently,
18	that these customers are not fully contributing to their
19	share of the fixed costs to provide service.
20	Q But didn't you also testify that your rate design
21	proposal will that customers primarily consuming within
22	your first proposed first block will experience a rate
23	increase?
24	A Yes, I did.
25	

24

basic charge increase to some extent conflicts with price
 signals, fair enough?

3 A Fair enough.

But I believe I addressed that with the creationof the third block.

6 Q Okay.

7 A As I stated in my testimony, there are two 8 competing policy concerns here: Insuring the Company 9 greater recovery of its fixed costs, and also insuring that 10 the customers have the proper incentives to use energy 11 efficiently.

12 Going back to that pie analogy, if we do increase 13 the basic charge, then that's a smaller piece of the pie 14 volumetric charges. And on its face, you could say that 15 customers have less of an incentive.

16 However, by adding the third block, we've 17 essentially countered that by creating a strong price signal 18 that although a smaller share of the costs are being 19 recovered in those volumetric charges, there's a strong 20 price signal to clearly communicate to the customer that 21 they can achieve real savings by reducing their usage. 22 But again, if we're talking about low-income 0 customers consuming primarily within that first block, 23

25 opportunity to reduce their consumption; isn't that true?

they're going to see a rate increase and not have the

1 A That's true.

2 0 Thank you. 3 And you acknowledge that you're trying to strike a balance in these competing principles, sending a clear price 4 5 signal and the other. 6 And I believe you acknowledged that gradualism is 7 a legitimate principle as well; is that true? 8 А True. 9 But aren't you proposing nearly doubling the Q 10 residential basic charge -- my math is not very good -- but from 7.75 to \$13? 11 12 I am. But again, I would dispute that that Α conflicts with the principle of gradualism, because there 13 14 are corollary benefits and reduced volumetric charges that 15 offset that increase for the large majority of customers. 16 Okay. I'll get to that. Thank you. 0 Now, you might have answered this already. I 17 18 apologize if so. Your proposed three tiers, is it true that the volumetric rate for the third tier is roughly double 19 that for the first tier? 20 21 А Not quite double, but in the ballpark, yeah. 22 Isn't it about 6.4 cents for the first year to Ο just under 12 cents for the third? 23 24 А Correct. Would you consider this a gradual change? 25 Q

1 A If this were the only change to the rates, I would 2 not.

However, again pointing out that the rate design has given customers incentives to reduce their usage, I believe that by pursuing the policies of the State to encourage customers to be more efficient does justify some tradeoffs. And I am aware that this does represent a significant charge or a significant increase in the yolumetric rates.

But again, taking everything as a whole, what the basic charge is, where the blocks are set, and who we're sending that price signal to, I believe that I have accounted for those tradeoffs and come up with something that fairly balances these concerns.

Q And I appreciate your candor, Mr. Twitchell. I just want to be sure that we understand that I'm just, of course, addressing lower income interests and lower income l8 customers.

19 A I understand.

20 Q And is it a fair statement that your proposed 21 third tier, beginning at 1700 kilowatt hours a month, rests 22 on the presumption that those customers who use that amount 23 and above have a high degree of price elasticity; in other 24 words, they have discretionary usage?

25 A More so than people below that line, yes.

1 All right. Are you familiar with the testimonies 0 2 of Mr. Eberdt and Ms. Joelle Steward in this case? 3 А Yes, I am. 4 I assume of course you're familiar with your Q 5 coworker's, Mr. Kouchi's testimony? 6 А Yes, I am. 7 What would you say to the proposition that there Q are low -- that there might be a considerable population of 8 9 low-income customers who are exceeding 1700 kilowatt hours a 10 month, especially during the winter months, and who might have electric heat that have very little price elasticity or 11 12 discretion in their usage? 13 I do want to clarify one thing. Much of the А 14 analysis that has been done in the testimony has revolved 15 around how much customers are above 1700 kilowatt hours a 16 month. However, I don't believe that's the appropriate 17 18 point for the analysis. Since there are lower volumetric rates in the first two tiers, you actually have to go to 19 20 about 1950 kilowatt hours per month before that's an adverse 21 impact under this proposed rate design. 22 And I do recognize that there are low-income 23 customers who are above that line. However, any attempts or 24 any concerns that lie with the treatment of low income

25 customers are a policy call.

1 When I was doing the cost of service study and the 2 rate design, it's all about what makes sense for the class: 3 Looking at the cost of service study, looking at what share of its cost each class is paying, what increase would be 4 5 appropriate to each class to insure that they're paying a relatively fair share of their costs; and then determining 6 7 within each class how to allow the Company to recover those 8 costs, how to set up the rates so the company could recover 9 those costs. Anything after that is a policy question.

Increasing the basic charge, setting the -- well, excuse me. The third tier, I admit, is largely a policy question, as is the treatment of low income people.

And I would just point out that the State and the Company have been very proactive in this area. There are a number of programs available. There is low-income bill credit. There is the low income weatherization program. The Company has an equal pay program to level bills throughout the year.

19 Personally I felt that the existing suite of 20 low-income programs would be sufficient to address any needs 21 of low-income customers we have under my proposal.

However, recognizing that there would be people that disagree with that position, I prepared an alternate proposal for a reduced basic charge for low-income people in the case the Commission felt another tool would be necessary

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1 for the tool box.

2	Q It sounds like you have in your testimony engaged
3	in no small degree of policy consideration, true?
4	A I think that's fair.
5	Q And I think you mentioned the suite of
6	opportunities, if you will, for low-income customers, and
7	you included the bill assistance program.
8	Isn't it true that your colleague, Mr. Kouchi, has
9	pointed out amply that that program serves 5.6 percent of
10	the residential population and that his estimates of the
11	true low-income population that would otherwise be eligible
12	for bill assistance is many times higher than that?
13	Do you agree?
14	A I have seen that testimony. Yes.
15	Q All right. So is it fair to say that well,
16	strike that.
17	In making your policy decisions and considerations
18	with respect to low-income interests, isn't it true that you
19	had really nothing but that bill assistance data and the
20	consumption data for people that participate in Schedule 17
21	bill assistance to rely upon to consider their consumption
22	and the effects that various rate design proposals might
23	have on them?
24	A That is true. Ultimately the only thing on which

25 staff can rely in making recommendations is what's known and

1 measurable. The only thing known and measurable in this 2 case is the number of customers on the low-income assistance 3 tariff. 4 Any argument that there may be a much higher 5 percentage of customers that would fall into that I think is well-taken. But ultimately I would not feel comfortable 6 7 recommending rates based on a presumption of how many people 8 fall into the category. 9 You used what you have? Q 10 А Correct. 11 Q Okay. Fair enough. 12 And do you agree that Mr. Kouchi proposed that 13 considerable analysis be conducted to enhance our knowledge 14 of actual low-income populations, the nature of their 15 consumption, the types of residences they live in, their heating sources, and much more? 16 I'm aware of that. 17 А 18 Q And would you agree that he feels that our current level of knowledge as to those low-income considerations is 19 20 quite inadequate? 21 А I would agree with that. 22 And I recognize that as you pointed out that -- or as I'm inferring from what your questions are that the 23 24 existing suite of programs may not be enough to fulfill the 25 actual need. And that was part of what was going on in my

1 thought process when I adopted the Company's alternate 2 recommendation as far as providing a lower basic charge for 3 low-income customers, recognizing that maybe we aren't doing 4 enough; maybe we need to do more, particularly under the 5 potential impacts of this rate design. 6 Thank you for your candor. I appreciate that. Q 7 Excuse me, your Honor. I'm just going to hopefully move ahead quickly here. 8 9 And just to touch on what's already been largely 10 covered, is it fair to say that Pacific Power & Light has a 11 relatively high percentage of electric heaters compared to, 12 say, PSE and Avista? I'm not aware of what the electric heat 13 А penetration rates are for those utilities. So I would not 14 15 feel comfortable answering that. 16 Are you comfortable answering whether the service 0 territory of Pacific Power would generally be colder in 17 winter months than that of PSE? 18 19 А I think that's possible. But I haven't seen any 20 analysis of that. So again, I would hesitate to answer. 21 Q You don't watch the weather as much as I do, 22 apparently. That's probably true. 23 А 24 Q It happens when you get old. Okay. Walked right 25 into that.

1 And with respect to those low-income customers who 2 do have electric heat, would you agree with me that they 3 might have many obstacles to changing their heat source? 4 And those could include, of course, lack of money 5 to convert to another fuel source, for instance, natural 6 gas; they might not own their premises, they might not own 7 the furnace and can't or don't have the authority to change that; and other considerations like that? 8 That is true. And I have tried to be sensitive to 9 А that. I believe in my testimony I pointed explicitly that I 10 11 was -- my proposed position for the third block was in 12 deference to the need for more electric heat in the winter. 13 I also noted in my proposal to extend the first 14 black out to 800, I pointed out that PacifiCorp in general 15 has higher usage. That was a kind of a tacit 16 acknowledgement that people need to use more electricity for 17 heat by allowing more usage at a lower rate in freeing up a 18 little bit of usage at that higher end. 19 Would you agree with me also that low-income 0 customers tend to have much poorer housing stock and homes 20 21 and residences that are far less energy efficient? 22 That's probably a fair assertion. А 23 0 Thank you. 24 So to the extent that the third tier is intended 25 to get at discretionary usage, isn't it true that all these

1 things that we discussed that limit low-income customers 2 from affecting their usage, the price signal that you're 3 going for is lost on those customers to a certain extent? 4 I wouldn't agree with that. А 5 As I pointed out, there are significant savings available to all customers at low cost or no cost. So I 6 7 wouldn't agree that they are unable to respond to any 8 pricing.

9 I think that there's a policy question as far as 10 how strong we want that price level to be. If the 11 Commission does feel that Staff's proposed pricing level is 12 too strong, there are alternatives there for the alternative 13 basic charge to blunt that impact a little bit so that the 14 price signal is still there to some degree, but not to the 15 same level that it would be for a customer on another 16 tariff.

17

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Okay. Fair enough.

And finally, to the extent that the low-income customers who are unavoidably using a fairly high level of electricity during the winter months to heat, and to the extent that they are also, of course, going to in your proposal, receive a considerable increase in their basic charge, could you say they're getting a double hit on both ends?

25 A I would not agree with that at all, because if

1 they are using more than 1700 kilowatt hours a month they 2 are fully offsetting the increase of that increased basic 3 charge. They're not paying more because of the basic charge 4 than they otherwise would have, all else being equal. 5 Q Then I just have a couple questions about something you said. So if you could quickly refer to your 6 7 page 34, line 19, do you have that? Yes, I do. 8 А Where you are asked the question, "Is Staff 9 Q proposing a special rate for low-income customers," and you 10 11 say, "No, not as part of its primary proposal." 12 By "rate," what are you referring to, the bill 13 assistance program? 14 Sorry. I was referring to any rate design that А 15 would treat the low-income customers differently than the other residential customers. 16 Okay. Isn't that effectively what Schedule 17 17 0 18 does? I would disagree with that because the tariff 19 А rates are still the same. There's just an additional... 20 Q Discount? 21 Yes. On top of that, but the underlying rates do 22 А 23 not change. 24 Q Okay. And then you testify, moving to page 35, line 6 through 8, that Staff's proposal would allow the 25

1 company to -- excuse me. Strike that.

2 On page 35, line 6 through 8 you state that the 3 Staff recommends that the Company and its implementing partners re-evaluate where that level is set based on the 4 5 outcome of this case. That was a partial sentence. I'm 6 sorry. 7 But again, are you referring to the Schedule 17 bill assistance program there? 8 Yes. So my understanding of that program is that 9 А 10 it provides customers with a credit for all usage above 600 11 kilowatt hours, that being where the block is currently set. 12 My recommendation here was simply to point out 13 that if the Commission does approve a different block set, 14 the Company and its partners may want to reconsider where 15 that credit is set, is triggered. 16 Do you know what the ability of the company and 0 the partners is with respect to a possible re-evaluation? 17 18 А My understanding when I wrote my testimony was that this would be a minor change that could be worked into 19 20 the five-year plan. 21 However, it has come to my attention that that may 22 not be the case. So you don't know one way or the other whether 23 0 24 this is possible; is that true? 25 A I do not.

1 Q Okay. And again, then, you mentioned this 2 earlier, that you proposed an alternate recommendation to a 3 basic charge somewhat like the Company's that would be 4 reduced for low-income customers, true? 5 А Correct. 6 But this would be limited to the 5.6 percent of 0 7 the residential population that we know are Schedule 17 customers, true? 8 9 А True. 10 And then my final question -- and it's a bit of a Q 11 narrative, and if I get an objection so be it. I just 12 really want to --13 MR. OSHIE: You teed that one right up. 14 MR. PURDY: Get the pain out of way first. 15 (By Mr. Purdy) But really, I am curious about Q your thoughts on this: Given that by math -- and that's 16 always suspect -- this utility has filed rate cases, I think 17 about 2009, '10, '11, '12. I mean, it seems like every 18 year. Perhaps it's --19 20 Seven of the last nine, I believe. А 21 Q Pardon? 22 Seven of the last nine, I believe. А 23 0 It doesn't seem that there's any concern that we 24 need to make a decision right now for fear that we won't 25 have a chance to revisit these issues later, does it?

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1 А I would disagree with that. 2 I think the Company is already experiencing 3 declining loads. 4 I think that there are broader regulations coming 5 down the pike that will encourage, if not require, Washington utilities to achieve greater energy efficiency 6 7 savings. I think the time to start thinking about these 8 9 things is now. I think that in a future rate case it would 10 certainly be ripe for re-evaluation, looking at what did we 11 do, what has been the impact, do we need to move the box a 12 little bit in one direction or another, but I do feel there 13 is enough pressure right now for the Commission to seriously 14 consider these things. 15 Q And I don't dispute your sense of urgency for 16 consideration of these things. I guess what I'm getting at is, is there such a 17 hurry that we need to decide right now these proposals that 18 19 are -- that have -- could have a significant impact on 20 low-income customers before we at least take the harder look 21 at low-income customers, such as recommended by your 22 colleague Mr. Kouchi, by Mr. Eberdt, and others. 23 Is there any reason for such a hurry at this 24 moment? 25 As I said, I believe that the time is right for А

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1 these -- for my recommended changes to be implemented. I 2 would not have recommended them otherwise. 3 And again, we can only design rates based on what's known and measurable. If the study does provide 4 5 additional data that changes what is known and measurable, then I think we can make adjustments as needed. 6 7 But I do feel strongly that this rate design is appropriate now, and that it has been -- I have taken all 8 things into account, and I believe I have found a balance 9 10 between these competing concerns and these trade-offs. 11 MR. PURDY: All right. Thank you. You've been very cooperative, and I appreciate it. 12 13 JUDGE MOSS: Thank you, Mr. Purdy. 14 Ms. Davison? CROSS-EXAMINATION 15 BY MS. DAVISON: 16 Good afternoon, Mr. Twitchell. I'd like you to 17 0 18 turn to page 18 of your direct testimony. 19 If you look at the sentence starting on line 18 20 and 19, basically you say that Staff maintains that cost 21 causation should be the starting point of any cost of 22 service analysis. 23 Do you see that? 24 А I do. 25 And did you attempt to identify costs that Q

0633 1 industrial customers are paying for that they don't cause? 2 А I'm not aware of any situation where that is 3 occurring. 4 How about the call center? Q 5 Does the industrial customer base put costs on the call center? 6 7 Are you referring to the basic call center that А 8 any customer can call? 9 Q Yes. 10 Okay. My understanding is that that call center А is available to all of PacifiCorp's customers, including 11 12 customers that have a direct assigned corporate account 13 manager. 14 But isn't it your testimony that industrial Q 15 customers rely on their corporate executive, accounting 16 executive, for any of their calls as opposed to the call 17 center? 18 А That's not my testimony. 19 I think my testimony is more along the lines of a 20 normal residential customer cannot call the corporate 21 account manager. That service is not available to them. 22 However, going the other way, an industrial consider can call the regular call center. Whether they 23 24 would or not, I don't know. I'm not aware of whether that 25 happens. But again, my understanding is that service is

1 open to them.

2 Q How about bad debt, for example? 3 Have you done an analysis of whether industrial customers are imposing costs on the system as a result of 4 bad debt? 5 6 А I have not. 7 But yet you are proposing in this particular case Q that industrial customers pay for the account reps; is that 8 9 correct? 10 А That is correct. 11 Q And I guess I'm puzzled why you would single out 12 this one particular cost without looking at other costs that 13 industrial customers are paying that they may not be 14 causing. 15 А Well, I responded to this because it was an issue 16 raised in the previous rate case. It was a part of the partial settlement that was reached, was that the Company 17 18 would analyze this issue with the corporate account managers and whether they should be directly signed. 19 20 So since it was an outstanding request from Staff 21 subject to partial settlement, I felt it was appropriate to 22 look at the Company's findings and consider the matter. 23 And I do believe that it was clear that it is a 24 service that is provided exclusively for large industrial 25 customers, and therefore should not be paid for by other

1 customers.

2	O Dut there are a remistur of costs that you haven't
2	Q But there are a variety of costs that you haven't
3	looked at that industrial customers subsidize residential
4	and commercial customers that they are currently paying for.
5	You didn't do a broad study; is that correct?
6	A I did not. That was not subject to the previous
7	settlement agreement.
8	Q You've testified to the notion of gradualism. I'm
9	sorry. It's late in the day. I'm not saying it very well.
10	Is that correct?
11	A That is correct.
12	Q And the rate spread proposal that you're making in
13	this case for industrial customers, does that comport with
14	that concept?
	±
15	A I believe it does.
15 16	
	A I believe it does.
16	 A I believe it does. Q So 150 percent allocation is gradualism in your
16 17	<pre>A I believe it does. Q So 150 percent allocation is gradualism in your view?</pre>
16 17 18	<pre>A I believe it does. Q So 150 percent allocation is gradualism in your view? A In the context of the cost of service study, I</pre>
16 17 18 19	<pre>A I believe it does. Q So 150 percent allocation is gradualism in your view? A In the context of the cost of service study, I believe it is. There were two classes that were well below</pre>
16 17 18 19 20	<pre>A I believe it does. Q So 150 percent allocation is gradualism in your view? A In the context of the cost of service study, I believe it is. There were two classes that were well below their costs of service by not just it wasn't just the</pre>
16 17 18 19 20 21	<pre>A I believe it does. Q So 150 percent allocation is gradualism in your view? A In the context of the cost of service study, I believe it is. There were two classes that were well below their costs of service by not just it wasn't just the Schedule 48T customers; it was also residential customers</pre>
16 17 18 19 20 21 22	A I believe it does. Q So 150 percent allocation is gradualism in your view? A In the context of the cost of service study, I believe it is. There were two classes that were well below their costs of service by not just it wasn't just the Schedule 48T customers; it was also residential customers that were well below.
16 17 18 19 20 21 22 23	<pre>A I believe it does. Q So 150 percent allocation is gradualism in your view? A In the context of the cost of service study, I believe it is. There were two classes that were well below their costs of service by not just it wasn't just the Schedule 48T customers; it was also residential customers that were well below. And so given the cost of service study and Staff's</pre>

1 classes closer toward their actual cost of service without 2 violating the principle of gradualism. Apparently I can't 3 say it either.

Q So are you aware that -- I'm not sure for how many years running, but for a lot of years running that this Commission has adopted spreading the rate increases on an equal percentage basis?

8 A As I cited in my testimony in the last Puget Sound 9 general rate case, the Commission in the order actually 10 stated that it was appropriate to allocate the rate increase 11 at different rates to different customers, depending on the 12 cost of service.

13 Q I'm referring to PacifiCorp.

14 A My understanding is in the previous case there was15 also an uneven allocation of the increase across classes.

MS. DAVISON: I have no further questions.
JUDGE MOSS: All right. Very well. So do we
have any redirect?

19 MR. OSHIE: We certainly do.

20 JUDGE MOSS: Oh, questions from the bench?

21

22 QUESTIONS FROM THE COMMISSIONERS 23 COMMISSIONER GOLTZ: On page 28 of your 24 testimony, the sentence starts on line 17 and goes through

25 the first part of line 20.

1 And so I want to make sure we're comparing 2 apples to apples. The first part of the sentence reads, "The 3 average Washington residential customer of PacifiCorp uses 4 about 1300 hundred kilowatt hours per month on an annual 5 basis." 6 That makes it sound to me like it's the 7 average customers, the midpoint customers, the median. Half use below 1300 and half use above. 8 9 The second part of the sense says, "Average 10 usage in winter climbs to 1700 kilowatt hours per month." 11 That sounds like you take the aggregate 12 kilowatt hours and divide by the number of customers and come up with 1700. So that would be the mean. 13 14 And the first one sounds like the median. 15 So is it the median or the mean? 16 THE WITNESS: I apologize for being unclear. Both of the these are the mean. The first 17 18 one is if you look at the entire year, then the mean usage 19 is 1300 kilowatt hours per month. 20 But if you only take winter, then it's 17. 21 COMMISSIONER GOLTZ: So do you happen to know 22 what the median usage is in the winter months? 23 In other words, it could be the same; it 24 could be half are above 1700 and half are below, but it 25 could be a quarter are above and three-quarters are below.

1 Do you know what that is? 2 THE WITNESS: I do not know where the median 3 is. 4 COMMISSIONER GOLTZ: Is that information 5 accessible? 6 THE WITNESS: Yes, I'm sure it is. 7 COMMISSIONER GOLTZ: We would want to make a 8 bench request for that. And the reason is it sort of depends -- I get 9 10 the concern of The Energy Project that 1700, if half the 11 customers are above that number, that's a lot of people in the third block. And the more that are above that number, 12 13 the more low-income people are probably impacted. But if 14 it's 20 or 30 percent, then maybe it's not as many. 15 So if you can get that number, great. 16 (Bench Request No. 6 noted.) JUDGE MOSS: Would you be able to provide 17 18 that based on the information you have available to you? 19 THE WITNESS: Let me try this. Let me see if this meets your needs. And if not, I'll can see what I can 20 21 do. 22 So I looked at the Company's billing study 23 they provided as part of a data request. And what I did is 24 again, looking at that point of 1950 kilowatt hours per 25 month, the point where you would start to be adversely

1 impacted, I looked at what percentage of customers exceed 2 that point on a monthly basis for the Schedule 16 3 residential customers and Schedule 17 low-income customers. 4 So I do have those numbers, how many people 5 are above that 1950 mark on a monthly basis and an annual basis. 6 7 COMMISSIONER GOLTZ: So is that in an 8 exhibit? 9 THE WITNESS: That is not in an exhibit, no. 10 COMMISSIONER GOLTZ: So give us both. 11 THE WITNESS: As far as median goes, I would 12 have to defer to the Company. 13 JUDGE MOSS: The Company can provide that, I 14 assume? 15 COMMISSIONER GOLTZ: If you can, great. 16 JUDGE MOSS: I'm seeing affirmative nods from 17 the Company, Mr. Goltz. 18 THE WITNESS: I could ballpark it. 19 (Multiple voice cross-talk.) 20 COMMISSIONER GOLTZ: So I have one more 21 question. I wasn't going to ask this, but there's an 22 analogy I've been meaning to make and I haven't made it in public. But this may be my last chance, so I'm going to run 23 24 it by you. 25 It came to mind when you said that you

1 thought that perhaps -- I think you agreed with Ms. Steward, 2 that the some of the low-use customers may not be paying 3 their fair share of fixed costs. I think you said something 4 like that? 5 THE WITNESS: Correct. 6 COMMISSIONER GOLTZ: So here's my analogy: 7 Two couples walk into a restaurant. One couple orders 8 expensive wine, the lobster, dessert, appetizers, 9 everything. The other couple goes in and they get a grilled 10 cheese sandwich and a glass of iced tea at one-tenth the 11 cost. 12 They both use the same table for the same 13 amount of time, both use the napkins, both have a waitperson 14 that waits on them, both take a space in the parking lot. 15 Is the couple that orders a grilled cheese 16 sandwich and iced tea not paying their fair share of the restaurant's fixed costs? 17 18 And if so, so what? What's the economic sin 19 in that? 20 THE WITNESS: Well, I think that the analogy 21 might be a little different with the utility because there 22 are fixed costs that are incurred specifically for that 23 customer. A utility had to buy a meter for that customer. 24 They had to provide a service drop to that customer. They

25 $\,$ had to send someone out to read the meter.

1 Whereas the restaurant, their fixed costs are 2 just "We put this restaurant in." 3 COMMISSIONER GOLTZ: But isn't the real concern that our economic system worries about is that the 4 5 restaurant covers all of its costs in all of its 6 pricing? Isn't that the real concern? 7 The economic system in a competitive market 8 doesn't really care as much about whether that person is 9 paying more or less than he or she should; it's whether the 10 enterprise recovers its costs and gets a fair return on its 11 investment. It seems for me that would be the focus. 12 So the concern on the -- the thing we're 13 trying to protect here, and both you and everyone is trying 14 to protect, is making sure the utility recovers its costs 15 and earns a fair return on its investment. 16 And whether they recover their fixed costs 17 through a variable charge or fixed charge isn't really the 18 issue. The issue is that they recover them. 19 So that's why the questions were would 20 decoupling -- and I think you recognized this in your 21 testimony -- would decoupling address that just as well as a 22 fixed charge? 23 THE WITNESS: Okay. So I would agree that 24 you have to look at the big picture. Is the Company 25 recovering its costs, is it recovering its costs and making

1 a fair rate of return.

And I think it's a general point of agreement 2 3 that it hasn't been earning that fair return. And Staff is sensitive to that fact. 4 5 Staff does feel that there is a strong public interest in the Company being able to meet its costs for 6 7 rating reasons, for debt reasons, and so we don't have to do 8 a rate case every year. This is my first one and I'm 9 exhausted. I don't know how you all do this. 10 So again, the Company has made the representation, I think very, very clearly, that they have 11 12 not been recovering those costs. And so Staff -- my goal, one of my goals as I 13 14 outlined in my testimony is to give the Company greater 15 certainty in the recovery of its costs. To my thinking, the 16 fastest and cleanest way to do that is increase the basic 17 charge. 18 So by my proposed increase of 525 a month per 19 customer, if you just times that out, 525 a month times 12 20 months times about 104,000 customers, that's about 6.6 21 million dollars instantly that the company will recover if 22 this basic charge is approved; recognizing that the third block could potentially reduce that if people do respond to 23 24 this pricing I'm proposing and reduce their usage, that 25 could potentially counteract some of that, reduce the

1 Company's recovery.

2	However, in my testimony I pointed out that
3	there is a small percentage of fixed costs within that third
4	block the way Staff designed it. And even if you take my
5	projected reduction of what the Company excuse me;
6	projected reduction in third block usage and assume that
7	every penny of that, the whole 12 cents of every one of
8	those kilowatt hours is foregone revenue for the Company,
9	that's only about \$900,000.
10	So even if that worst-case scenario would
11	manifest, the Company still has about 5.6 million dollars
12	guaranteed recovery compared to what they have now. So that
13	was my in thinking going down that road.
14	COMMISSIONER GOLTZ: Thank you.
15	COMMISSIONER JONES: Mr. Twitchell, I think
16	we're all getting tired. Welcome to your first rate case.
17	You're doing a great job.
18	So turn to pages 33 and 34 of your testimony.
19	This is the third block issue again.
20	Did you hear my exchanges with Ms. Steward
21	earlier today?
22	THE WITNESS: I did.
23	COMMISSIONER JONES: Do you disagree with her
24	assertion I'm sure you've read her rebuttal testimony,
25	haven't you, JRS-13T?

1 THE WITNESS: I have. 2 COMMISSIONER JONES: On page 39 of that she 3 makes a point. She seems to be concerned that what we were just talking about, the fixed costs of the utility, are not 4 5 going to be recovered and there's uncertain recovery in the third block because of pricing elasticity. 6 7 And she says -- she seems to be saying why raise the first block rate from 600 to 800, because under 8 the Company's proposal it's the same amounts of revenue 9 10 recovery as under your proposal, which raises the first 11 block, as you know, to 800 kWh a month. 12 So do you agree with her on that, that at 13 least in the first block that the revenue recovery would be 14 equal, your proposal and the Company's proposal? 15 THE WITNESS: Well, the Company pointed out 16 that to do that you have to do an apple to apple comparison since the blocks are different size. 17 COMMISSIONER JONES: Correct. 18 THE WITNESS: Strictly speaking, the 19 Company's would provide a little more cost recovery because 20 21 there is a higher basic charge there. 22 However, that proposal does not account for the Staff's other stated goal of providing a price signal 23 24 for customers. 25 Multiple parties in this proceeding have

1 argued that if you increase a basic charge, you're 2 essentially taking power away from the customers. You 3 reducing their ability to control their bill. 4 But by creating that third block, you're 5 essentially restoring that ability for them; that even though they're paying more fixed charges, they still have a 6 7 meaningful way to control their usage and control their bill, and enable a price signal to encourage them to do so. 8 9 COMMISSIONER JONES: And your assertion for 10 that is 12 cents per kilowatt is a meaningful price signal? 11 THE WITNESS: Correct. 12 COMMISSIONER JONES: And the elasticities 13 that you assert in your testimony will be realized? 14 THE WITNESS: Yes. 15 COMMISSIONER JONES: On that point, did you 16 hear my exchange -- I think it's her Exhibit JRS-21. I don't know if you have it in front of you. 17 18 THE WITNESS: Yes. 19 COMMISSIONER JONES: The Company revised your 20 proposal to come up with megawatt hour savings. But 21 Ms. Steward indicated this morning she didn't know exactly 22 how you did your rate design. 23 So do you have any comments on that proposal, 24 that re-running of the impact on energy savings? 25 THE WITNESS: Yes, I do, as a matter of fact.

1 The Company's representation in JRS-21 is 2 that if you look at the grand total columns, they're arguing

3 that their proposal would achieve greater efficiency than
4 Staff's proposal, would send a stronger price signal.
5 However, if you look at the details, the
6 Company's proposal assumes that usage -- users in that first
7 block, 800 kilowatts and below, are going to reduce their
8 usage in response to the price signal at the same rate as
9 other customers.

And my testimony was clear in stating that the reason Staff set that block at 800 is that we believe, or I believe, that usage there is inelastic; that these customers in that range do not have the ability to respond to a price signal. So I think this analysis that assumes that they do is faulty.

16 And if you take that first block out, then 17 Staff's proposal does achieve greater savings than the 18 Company's proposed rate design.

I would also point out that Staff's proposal shifts that signal entirely into the third block, the above average users; whereas the Company distributes it throughout the second and third blocks, trying to send a price signal to average users; whereas Staff's position is that it's more appropriate to send that to the higher users, to give them a signal to move toward that average usage.

1 COMMISSIONER JONES: So is that why you ran 2 the long-term price elasticity only on the third block and 3 not in the first and second block, is that you, in your proposal, you really want to send a price signal --4 5 THE WITNESS: Yes. 6 COMMISSIONER JONES: -- 12 cents a kilowatt 7 hour, expensive. THE WITNESS: Yes. 8 9 COMMISSIONER JONES: You better start 10 conserving. Is that one of your rationales for setting it 11 up that way? 12 THE WITNESS: It is. 13 And the Company pointed out in rebuttal 14 testimony that since we are reducing the rates for the 15 average usage customer, they might increase their usage as a 16 result. I think that is a fair argument. That could 17 18 happen. But I would point out that even if they increased 19 their usage along the same elasticities that we're assuming 20 for the high users, then the savings achieved in the third 21 block would still be about three times greater than the increased usage in the second block. So the net savings are 22 23 still substantial, even if that happens. 24 COMMISSIONER JONES: And then I wanted to

25 reconfirm after my exchange with Ms. Steward this morning

1 that -- on page 34, lines 7 through 8. So are you still 2 finding that in that third block, based on the pricing 3 elasticity and the price signal, that Staff felt only 0.4 4 percent of the Company's fixed costs assets are at risk in 5 that third block? 6 THE WITNESS: Correct. 7 COMMISSIONER JONES: You still stand by that 8 assertion. 9 THE WITNESS: I am. 10 COMMISSIONER JONES: Talking about 11 gradualism, we've had a lot of talk about gradualism today. 12 Did you consider a two-step increase in the 13 basic charge, let's say, or a three-step or two-step to \$10 14 and then the \$13? 15 And what impact would that have on the 16 volumetric rates? As I understand it, that means you just 17 18 signed a 6.6 million increase in basic charge. You would 19 probably have to take that 6.6 million and increase the 20 volumetric rates even more if we were to do this, quote, 21 gradually? 22 THE WITNESS: Right. And early in the process I did look at that, what would happen if we did 23 24 that. I don't remember the dollar impacts. As I said, I 25 was early in the process.

1 The reason I ultimately decided against that 2 was because if we do -- again, talking about that pie 3 analogy, you know, increasing the basic charge does not increase the side of the pie. It just changes the size of 4 5 the slices. So by increasing that charge all at once, we're not increasing what most customers pay. 6 7 I should qualify that. There are some 8 customers who will pay more directly because of that basic 9 charge. But the vast majority of customers will see an 10 offsetting benefit through lower volumetric rates. Essentially, all Staff's proposal does is 11 take some of those fixed costs that are recovered in 12 13 volumetric rates now and move these into the basic charge. 14 And then volumetric rates come down a little bit as a 15 result. COMMISSIONER JONES: Thank you. That's all I 16 17 have. 18 CHAIRMAN DANNER: I think we've covered most of it. 19 20 You talk about this as being -- your proposal 21 as being a proxy for decoupling, or the Company's proposal 22 being a proxy for decoupling. Would your preference be to have a decoupling 23 24 proposal in place? THE WITNESS: My preference would be to try 25

1 and evaluate the impacts.

2	The Commission has approved decoupling for
3	two utilities. It's proven difficult to implement and
4	difficult to analyze.
5	Given some of the controversy that has been
6	associated with decoupling, Staff felt that there would be
7	value in looking at alternatives just to see what the impact
8	would be to see if I recognize that it's not going to
9	achieve everything decoupling does. But the tradeoffs of
10	efficiency and achievement may be worth it.
11	CHAIRMAN DANNER: So this is basically an
12	information gathering exercise? Is that Staff's position?
13	THE WITNESS: In part.
14	CHAIRMAN DANNER: Did you consider minimum
15	bills?
16	You heard Ms. Steward say that does nothing
17	for the Company. Did you analyze that?
18	THE WITNESS: I did not.
19	CHAIRMAN DANNER: You did not respond to
20	Walmart's proposals. Did you have any thoughts on that?
21	THE WITNESS: I do not.
22	CHAIRMAN DANNER: Okay. And then the last is
23	the impacts on distributed generation. You did have some
24	thoughts on that.
25	THE WITNESS: Yes, I did.

1 CHAIRMAN DANNER: I was wondering if you 2 could expand on those. Do you see your proposal or the 3 Company's proposal as either discouraging or being neutral 4 on distributed generation deployment in our state? 5 THE WITNESS: Well, just to be clear, the Company did not officially propose anything on this. 6 7 However, the language with which it was presented was that 8 this is what the Company expects to propose in a future rate 9 case. 10 Given that level of certainty and the 11 language that was in testimony, I felt it was appropriate to 12 look at it and respond to it. 13 And as I stated in my testimony, I don't 14 think that that approach is justified right now. 15 The Company's position seems to be that 16 distributed generation customers are imposing costs on the Company's system and that there are cost shifts occurring 17 18 already. 19 Staff's position is that even with the uptick that occurred in the last nine months, as the Company 20 21 pointed out in rebuttal testimony, there are still only 227 22 DG customers in Pacific Power's Washington territory, which is about 0.2 percent of their customer base. And on a 23 24 capacity basis it's probably --

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25 CHAIRMAN DANNER: I thought it was 141, isn't

25

1 it?

2 THE WITNESS: That was as of December 31, 3 2013. 4 As of October 31 this year, it's 227. 5 So Staff's position is that at 0.2 percent of the customers, there are just not enough customers to be 6 7 materially impacting the Company's system in any way to be creating any kind of cost shift. 8 9 And as I pointed out in Exhibit 2 of my 10 testimony, during the company's top 200 load hours, the majority of those hours, 62 percent of those hours occurred 11 12 when the sun was out. 13 So Staff's position is that -- the Company's 14 position seems to be -- I understood the Company's position 15 to be that these customers are imposing costs on the 16 Company's system. Staff's position, based on the data we looked 17 18 at, is during heavy load hours these customers are actually 19 producing energy that offsets the energy that PacifiCorp 20 needs to provide for its customers. And any production that 21 takes place during heavy load hours, even if it's just a fraction of the capacity, even if it's just a few hundred 22 watts, has a benefit to PacifiCorp, to its investors, to 23 24 ratepayers.

So to install -- put a rate in that would

1 provide a demand charge to send a DG customer to reduce 2 their usage during a peak event doesn't really follow the 3 data that we saw. These customers are providing benefits to the Company in peak hour. And any rate treatment that the 4 5 Company proposes should account for the cost of benefits. And it seems like all they're looking at now are potential 6 7 costs. CHAIRMAN DANNER: So would you disagree that 8 9 there could be potential problems as there's more 10 penetration of DG in the system? 11 THE WITNESS: Eventually? 12 CHAIRMAN DANNER: Yes. I mean, we're at a 13 very low level right now. You know, sometimes thing happen 14 quickly. Cell phones, you don't have to worry about cell 15 phones, when we were doing telecom issues. 16 You know, at some point are we going to have to look at this issue? 17 18 THE WITNESS: I think that is a logical 19 argument. 20 But ultimately, any rate treatment that the 21 Company proposes or the Commission approves should be based 22 on known and measurable costs and impacts to the Company's system. And Staff's position is that right now the company 23 24 just can't demonstrate that, has not demonstrated that. 25 And I recognize that the Company did indicate

1 that they are proposing a load study to try to get at some 2 of those benefits. But Staff's position was that the data 3 that we do have now contradicts this potential proposal that you're considering. So absent some kind of contradictory 4 5 data that comes out of that load study, Staff doesn't see 6 any reason to go down this road right now. 7 CHAIRMAN DANNER: All right. Thank you. 8 JUDGE MOSS: Mr. Oshie, redirect? 9 MR. OSHIE: I have a few questions, your 10 Honor. Just take a little break to let the court reporter 11 rest her fingers. 12 JUDGE MOSS: We will be wrapping up after 13 this. 14 MR. LOWNEY: Your Honor, perhaps before 15 Mr. Oshie begins, I have a few followup questions based on 16 the discussion with Commissioner Jones regarding JRS-21. JUDGE MOSS: Go ahead. So Mr. Oshie can 17 18 cover that topic as well if he needs to. 19 RE-CROSS EXAMINATION BY MR. LOWNEY: 20 21 If you could refer back to JRS-21, I want to Q clarify some of the calculations in that exhibit. 22 23 So if you look at the expected savings for the 24 rate block greater than 2,000 kWh per month, and if you look under the Staff's proposal, the very bottom line, your 25

1 results indicate that you would expect to save 7,660 kWh in 2 that block, correct? 3 А Correct. 4 And then carrying forward, if you look at the Q 5 Company's proposal for that same -- and this is long run; I should clarify -- the Company's proposal was 18,285 kWh per 6 7 month, correct? Yes, but that reflects the Company's higher 8 А 9 revenue requirement. 10 That's correct. But that's a higher revenue Q requirement you don't support; is that correct? 11 А 12 Correct. 13 So comparing your proposed revenue requirement and 0 14 rate design to the Company's proposed revenue requirement 15 and rate design, you would agree that for greater than 2,000 16 kWh, the Company's proposal results in greater reductions in customer usage, correct? 17 18 А I would not agree with that, because if you look at that third block where it says "Staff Proposal" revised 19 20 with Company revenue requirement, the amount of savings 21 achieved in the third block using Staff's proposed rate design are more than double what the Company projected. 22 That wasn't my question. 23 0 24 My question was Staff's proposed revenue

25 requirement in Staff's proposed rate design would result in

1 less customer savings than the Company's proposed revenue 2 requirement in the Company's proposed rate design, correct? 3 А Yes, but that's an apples to oranges comparison. 4 MR. LOWNEY: Thank you. 5 JUDGE MOSS: Thank you. Mr. Oshie? 6 MR. OSHIE: Thank you, your Honor. 7 RE-DIRECT EXAMINATION BY MR. OSHIE: 8 Mr. Twitchell, Mr. Lowney was asking about your 9 Q use, apparently, of a Company usage study. 10 11 Are you familiar with that? Do you remember the 12 question? А 13 Yes. 14 So I guess my question, I've got a couple of them Q 15 along that. 16 Was the usage study that he was referring to, was that included or discussed by the Company in their rate 17 18 design? 19 In passing. But it was not used as an input А 20 because their proposal -- their testimony was filed before 21 that study was concluded. 22 Did the Company update any of its proposals 0 following the submission of the usage study in July? 23 24 А Not that I can recall. 25 Q Thank you.

1 One last question. Were you in the hearing room 2 when Commissioner Goltz was asking Mr. Dalley about his 3 comment and his testimony about the Company not recovering 4 its costs? 5 А Yes, I was. 6 And so in your testimony tonight -- it sure looks Q 7 like tonight because of the darkness -- you're talking about the recovery of the Company's fixed cost, not its total 8 9 revenue requirement? 10 It's both. It's giving the Company greater А certainty of fixed cost recovery, which in turn improves 11 12 overall cost recovery. 13 So when you were talking about the Company, your 0 14 rate that the Company is not recovering its costs, are you 15 including the Company's earnings from the -- or just its 16 costs? I am including the Commission authorized rate of 17 А 18 return in that. MR. OSHIE: Okay. Thank you. No further 19 20 questions. 21 JUDGE MOSS. All right. Thank you. 22 Well, we have made it through your testimony, Mr. Twitchell. 23 24 Is there another question? Did you have some 25 cross?

1 MR. WIEDMAN: No. 2 JUDGE MOSS: All right. Well, I was thanking 3 Mr. Twitchell for his testimony. You may step down. 4 I'll go ahead and hear from you before I go 5 on with my closing remarks for the day. 6 MR. WIEDMAN: Yes, your Honor. We had 7 discussed earlier in the proceeding having a date certain 8 for Mr. Fulmer's testimony today. 9 And I wasn't sure if any of the commissioners 10 have questions for Mr. Fulmer. But my flight is early 11 tomorrow. I'm happy to rebook to be here if there are 12 extensive questions, but if there are not, I would beg 13 everyone's indulgence if we could do it today. JUDGE MOSS: It really would be questions from the bench, so I just need to hear from you. 16 CHAIRMAN DANNER: No questions. COMMISSIONER JONES: No questions. COMMISSIONER GOLTZ: Well, I'm just looking for his testimony. My recollection is that he testified about the minimum charge. 21 MR. WIEDMAN: Minimum charge --22 COMMISSIONER GOLTZ: -- minimum bill. And my 23 only question for him was going to be to respond to 24 Ms. Steward's question that this minimum bill does nothing 25 for the Company, get a response to that.

14 15

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1	MR. WIEDMAN: He is on the phone.
2	COMMISSIONER GOLTZ: Can we do that in a
3	flash?
4	JUDGE MOSS: Sure. Let's do it.
5	
6	MARK E. FULMER, witness herein, having been first duly
7	sworn on oath, was examined and
8	testified as follows:
9	
10	DIRECT EXAMINATION
11	BY MR. WIEDMAN:
12	Q Good afternoon, Mr. Fulmer. This is Joe Wiedman.
13	If you could state and spell your last name for
14	the record, please?
15	A My name is Mark Fulmer; last name F-U-L-M-E-R.
16	Q And do you have any corrections to your testimony
17	beyond which you've already submitted to the Commission
18	today?
19	A No, I do not.
20	MR. WIEDMAN: The witness is available for
21	questions from the bench, your Honor.
22	JUDGE MOSS: All right. Mr. Goltz?
23	
24	QUESTIONS FROM THE COMMISSIONERS
25	COMMISSIONER GOLTZ: Yes, thank you for being

1 patient.

2	My only question for you, you've heard some
3	questions from the bench today of various witnesses about
4	the minimum bill as opposed to a fixed an increase in the
5	fixed charge. And you mentioned that as a possibility.
6	And you may have heard Ms. Steward, when I
7	asked her about that earlier, saying the Company gets
8	nothing out of that. I don't want to put words in her
9	mouth, but something to that effect.
10	I wonder if you have any response about the
11	benefits of a minimum bill for the Company and then also for
12	the ratepayers.
13	THE WITNESS: Sure. A minimum bill provides
14	some amount of fixed cost coverage to the utility from very
15	low-use users. Those can either be in some cases vacation
16	homes, or in other cases due to distributed generation. So
17	if they have solar on their roof, they're guaranteed a
18	certain amount of income from those customers while not
19	necessarily well, not necessarily not impacting other
20	customers that have more conventional usage patterns.
21	COMMISSIONER GOLTZ: So that isn't what
22	you're advocating in this case, but you advocate that as
23	sort of a fallback position; is that true?
24	THE WITNESS: I advocate that as a potential
25	tool in your tool box in trying to balance cost recovery

1 from the utility and reasonable and fair pricing to the 2 customers. COMMISSIONER GOLTZ: And you don't have to 3 4 answer this, but some restaurants have minimum bills as 5 opposed to fixed charges; isn't that correct? 6 Strike that. 7 THE WITNESS: Okay. COMMISSIONER GOLTZ: I have no further 8 9 questions. 10 JUDGE MOSS: All right. Well, if we're finished with Mr. Fulmer then? 11 12 MR. WIEDMAN: Yes. 13 JUDGE MOSS: Thank you, Mr. Fulmer. We 14 appreciate you being on the phone and giving your testimony. 15 And despite all of your best efforts to the 16 contrary and my fearless predictions, we are not going to finish today after all. We have two witnesses left for whom 17 cross-examination is indicated, that being Mr. Watkins and 18 19 Mr. Mullins. And so we will have to resume tomorrow 20 morning. And I would propose 9:30. 21 COMMISSIONER JONES: Ms. Ramas too. 22 JUDGE MOSS: Ms. Ramas, sorry. So we have three more witnesses, then, for whom questions are 23 24 indicated. 25 So with that, I'll wish you all a good

evening. MR. PURDY: Your Honor, I have an inquiry more an a request. I have just Mr. Eberdt, for whom no cross is indicated. Otherwise, I'm done. Would you like me here? I have no problem being here in the morning for Mr. Eberdt. JUDGE MOSS: Mr. Purdy, it's always a pleasure to have your company. But if you want to go back to Boise, that will be just fine. MR. PURDY: Thank you. (Multiple voice cross-talk.) JUDGE MOSS: We will start at 9:00, then, and hopefully we'll be finished well before the noon hour. Chairman Danner says he's fine with 9:30. 9:30, then. (Whereupon, the proceedings were adjourned at 5:05 p.m.)

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