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October 12, 2011

VIA ELECTRONIC AND U.S. MAIL

PUC Filing Center
Public Utility Commission of Oregon
PO Box 2148
Salem, OR 97308-2148

Re: **UE 227 – PacifiCorp's 2012 Transition Adjustment Mechanism**

Attention Filing Center:

Enclosed for filing in the above captioned docket are the original and five copies of PacifiCorp's and Staff's Reply Brief.

A copy of this filing was served on all parties to this proceeding as indicated on the attached Certificate of Service.

Very truly yours,

Katherine McDowell

cc: Service List

BEFORE THE PUBLIC UTILITY COMMISSION

1 OF OREGON 2 **UE 227** 3 In the Matter of: PACIFICORP'S AND STAFF'S PACIFICORP, dba PACIFIC POWER REPLY BRIEF 5 2012 Transition Adjustment Mechanism 6 7 8 Pursuant to Administrative Law Judge (ALJ) Lisa Hardie's Ruling on September 22, 9 2011 (Ruling), Staff of the Public Utility Commission of Oregon (Staff) and PacifiCorp d/b/a 10 Pacific Power (or the Company) submit this Reply Brief to the Public Utility Commission of 11 Oregon (Commission) in reply to the Opening Brief of the Industrial Customers of Northwest Utilities (ICNU), filed on October 5, 2011. Both Staff and PacifiCorp jointly sponsor Section I 12 13 of this Reply Brief; PacifiCorp also sponsors Section II. This brief is filed concurrently with the 14 Joint Parties' Reply Brief.1 15 I. PACIFICORP'S AND STAFF'S JOINT REPLY TO ICNU'S GENERAL ARGUMENTS 16 ICNU's Opening Brief includes incorrect statements regarding the nature of the Joint 17 Parties' settlement and the Company's Transition Adjustment Mechanism (TAM) filing in this 18 case in addition to those discussed in the Joint Parties' Reply Brief. First, ICNU criticizes the 19 TAM and alleges that the rate increase in this case is driven by the structure of the TAM.² 20 ICNU also claims that the rate increase is a result of "PacifiCorp's manipulation of the regulatory process." ICNU fails to recognize that the Company's TAM filing is governed by 21 22 the Commission-approved TAM Guidelines that ICNU helped to draft and agreed to only two 23 ¹ The Joint Parties are Commission Staff, PacifiCorp, the Citizens' Utility Board of Oregon (CUB). 24 and Noble Americas Energy Solutions, LLC. 25 ² Opening Brief of ICNU at 3. ³ *Id.* at 12. 26

PACIFICORP'S AND STAFF'S REPLY BRIEF

years ago. 4 Along with the other parties to the TAM Guidelines, ICNU represented to the 1 2 Commission that "[t]he Guidelines represent a reasonable compromise among the Parties and 3 set forth clear objectives and principles presumptively governing future Company TAM 4 filings."⁵ For ICNU to now claim two years later that PacifiCorp is manipulating the regulatory 5 process by filing consistently with the TAM Guidelines is disingenuous. Absent the TAM 6 process, the Company testified that it would have filed a general rate case, which would have added additional upward pressure on rates.6 7 8 Second, the Commission should disregard ICNU's Oregon and Utah rate comparison.⁷ 9 ICNU's argument in this case is literally unsupported, as ICNU has provided no citation to the 10 rate increases it references in its brief. In any event, ICNU's comparison fails to acknowledge 11 differences between the Company's service territories that can result in differences in rates. 12 Third, ICNU claims that its adjustments related to the Company's power cost model— 13 Cal ISO, DC Intertie, market caps, wind integration costs, and forward price curves—are necessary because these items do not represent actual cost increases.8 The Company's 14 15 witness Greg Duvall explained the major, actual cost drivers in this case, including an 16 increase in retail load, the impact of the expiration of lower cost contracts, and increases in 17 third-party coal costs.9 ICNU fails to acknowledge that in the case of the Cal ISO, DC Intertie, 18 and forward price curves, the Company's treatment of these issues is consistent with the treatment in prior cases. 10 It is ICNU that is proposing changes to the modeling of these 19 20 ⁴ Re PacifiCorp 2009 Transition Adjustment Mechanism, Docket UE 199, Order No. 09-274, Appendix A at 9 (July 16, 2009). 21

⁵ Re PacifiCorp 2009 Transition Adjustment Mechanism, Docket UE 199, Joint Explanatory Brief 22 at 7 (June 19, 2009).

⁶ PPL/400, Kelly/4, II. 15-16.

⁷ See Opening Brief of ICNU at 4.

⁸ *Id.* at 2.

⁹ PPL/100, Duvall/5-6.

Staff agrees with the resolution of these issues in the Stipulation, but reserves its right to review and challenge these issues in the future as appropriate.

1 inputs. In the case of market caps, the Company testified that its modeling decreases NPC 2 from the approach to market caps used in prior cases. And in the case of wind integration 3 costs, ICNU is not criticizing the overall level of wind integration costs in this case. In sum, 4 ICNU's claim that the rate increase in this case is driven by modeling issues rather than actual 5 costs is unfounded. Finally, ICNU claims that the Stipulation does not account for ICNU's case position. 11 6 7 In addition to the responses to this argument outlined in the Joint Parties' Reply Brief, Staff 8 and PacifiCorp note that the fact that the NPC reduction in the Stipulation was more than 9 Staff's and CUB's remaining adjustments implies consideration of ICNU's overall, lower 10 recommended rate level. 11 II. PACIFICORP'S REPLY TO ICNU'S ARGUMENTS ON SPECIFIC ADJUSTMENTS 12 Α. ICNU's Proposed Fixed Revenue Adjustment Violates the Matching Principle and is an Unjustifiable and Significant Departure from the TAM Guidelines. 13 14 As explained in the Joint Parties' Opening Brief, the Company accepted Staff's 15 proposal to update the 2012 load forecast with the Company's latest forecast in July 2011. 12 16 This adjustment reduced the Company's total system NPC by approximately \$67 million and 17 Oregon-allocated NPC by \$4.7 million. 13 Contrary to ICNU's characterization, the load growth 18 included in the Company's Initial Filing was not the 7.5 percent calculated by Staff, but was 19 actually 3.1 percent on a total Company basis and 2.5 percent on an Oregon basis.¹⁴ 20 Although the Company used the appropriate load forecast in developing the Initial Filing 21 22

¹² PPL/110.Duvall/3, II. 9-11.

¹³ PPL/110, Duvall/2, II. 19-22; PPL/110, Duvall/5, II. 13-14.

 ¹⁴ PPL/105, Duvall/13, II. 4-10. Staff's 7.5 percent calculation resulted from comparing the October 2009 forecast for 2011 and the November 2010 forecast for 2012. PPL/105, Duvall/9, II. 18 19.Appropriately comparing the November 2010 forecasts for 2011 and 2012 results in a 3.1 percent total-Company load growth between 2011 and 2012.PPL/105, Duvall/12, II. 12-14; PPL/105, Duvall/13, II.
 4-10.

1 consistent with the TAM Guidelines, in response to Staff's concerns, the Company agreed in 2 its surrebuttal filing to update its load forecast to the July 2011 forecast.¹⁵

ICNU proposes to reinvent the structure of the TAM by recognizing "additional fixed cost revenue recovery from the additional sales" that are expected in the test period. ¹⁶ ICNU calculates this adjustment by taking the difference between non-NPC revenue at present rates as applied to the 2012 test period and the non-NPC revenue at present rates as applied to the 2011 test period and reducing NPC by the amount of this "additional margin revenue." ¹⁷ ICNU's adjustment would decrease the Company's proposed NPC increase by \$30.8 million on an Oregon basis. ¹⁸ This is a reduction of \$11.8 million from the load adjustment originally proposed by ICNU in this case, reflecting the Company's adoption of Staff's proposal to update (and lower) the Company's load forecast.

ICNU's adjustment provides no basis for rejecting or amending the Stipulation. First, ICNU's proposal violates the TAM Guidelines to which ICNU agreed and the Commission approved only two years ago. ¹⁹ ICNU claims that PacifiCorp "does not argue that the TAM guidelines explicitly bar ICNU's recommendation." ²⁰ ICNU is wrong. The Company presented testimony explaining that the TAM Guidelines specifically set forth the Federal Energy Regulatory Commission (FERC) NPC accounts that can be updated through the TAM and that non-NPC revenue accounts are not included in this list. ²¹ ICNU concedes that its adjustment

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^{20 &}lt;sup>15</sup> PPL/110, Duvall/2, II. 19-22.

^{21 &}lt;sup>16</sup> ICNU/100, Schoenbeck/9, II. 21-22.

¹⁷ ICNU/100, Schoenbeck/10, II. 3-9.

¹⁸ Opening Brief of ICNU at 3.

^{23 &}lt;sup>19</sup> Order No. 09-274, Appendix A at 9.

²⁰ Opening Brief of ICNU at 14.

 ²¹ PPL/600, Griffith/2-5. See Order No. 09-274, Appendix A at 14. Moreover, last year the parties
 25 revisited the issue of what revenue accounts should be included in the TAM and revised the TAM Guidelines to allow for non-NPC accounts that are related to NPC to be included in the TAM Guidelines.
 26 Order No. 10-363. ICNU did not propose updating all non-NPC revenues in that proceeding.

1 is composed entirely of non-NPC revenues, confirming that the adjustment is contrary to the

2 TAM Guidelines.²² In addition, the Commission has previously made clear that Portland

3 General Electric Company's (PGE) NPC update (upon which the TAM was modeled) is limited

4 to net variable power costs and should not cover fixed generation or other non-NPC-related

5 costs.²³ It should therefore not impute additional revenues related to these costs.

Additionally, the TAM Guidelines expressly contemplate that revisions to the TAM will be addressed in a general rate case or other proceeding, not in a stand-alone TAM.²⁴ ICNU's proposal to make a significant and one-sided change to the TAM should not be entertained in this stand-alone TAM proceeding.

Second, the proposal is a clear violation of the matching principle. ICNU's adjustment updates non-NPC revenues for changes in load, but does not update corresponding non-NPC costs. Because ICNU updates all non-NPC revenues, the matching principle requires consideration of all updated non-NPC costs, not just generation-related costs. ICNU has provided no analysis showing to what extent its proposed adjustment would be reduced, eliminated, or could result in an increase in rates if non-NPC costs were accounted for in the calculation. ICNU's adjustment should be rejected as a violation of the Commission's long-standing policy of matching costs and revenues.

ICNU presents no basis to ignore both Commission policy and the agreed-upon TAM Guidelines. ICNU claims that its proposed adjustment will eliminate the "gaming opportunity of artificially inflating a TAM only forecast to achieve a higher net power cost recovery while maintaining a higher fixed cost rate recovery."²⁶ ICNU, however, has presented no evidence

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²² See Exhibit PPL/601.

²³ Re. Portland General Electric Co., Order No. 02-772 at 2, UE 139 (2002).

²⁴ Order No. 09-274, Appendix A at 9 ("Nothing in this agreement prevents any Party, including the Company, from advocating in a future general rate case or other proceeding *other than a stand-alone TAM*, that the TAM should be eliminated or revised." (emphasis added)).

²⁵ PPL/600, Griffith/4, II. 17-23.

²⁶ ICNU/100, Schoenbeck/10, II. 11-13.

1 of such gaming. In contrast to ICNU's claim, the evidence shows that PacifiCorp used the

2 same process for developing its TAM load forecast as it does for all other load forecasts,

3 including the Integrated Resource Plan and general rate cases.²⁷ The Commission should

4 disregard ICNU's unsupported allegation of gaming.

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ICNU also claims that its adjustment is appropriate because to do otherwise is to "ignore relevant and extraordinary circumstances." As support for the extraordinary nature of the circumstances, ICNU cites the eight percent rate increase implemented last year.

PacifiCorp notes that the parties, including ICNU, stipulated to that rate increase. A stipulated increase of this level does not warrant ignoring the matching principle or the TAM Guidelines.

ICNU's secondary recommendation on the load forecast issue is to use the load levels from the prior TAM to set rates in this proceeding.²⁹ This proposal is in direct conflict with the position taken by ICNU in Docket UE 199. In that case, ICNU witness Randall Falkenberg objected to the Company's use of forecast billing units from a prior test period to set TAM rates.³⁰ ICNU also agreed to a stipulation in that case in which the Company agreed "that its future stand-alone TAM filings should be designed to recover the Company's Oregon-allocated NPC, including consideration of increased/decreased revenues due to load growth/loss.³¹ For ICNU to now advocate for using a load forecast from a prior period is inconsistent with ICNU's position in UE 199 and the stipulation in that case.

ICNU's alternative proposal is also inconsistent with the TAM Guidelines and is unreasonable. The TAM Guidelines that ICNU agreed to provide for using the "most

^{22 &}lt;sup>27</sup> PPL/105, Duvall/12, II. 15-18; PPL/105, Duvall/13, II. 4-10.

²⁸ ICNU/110, Schoenbeck/13, II. 10-11.

²⁹ Opening Brief of ICNU at 14.

³⁰ Re PacifiCorp 2009 Transition Adjustment Mechanism, Docket UE 199, ICNU/100, Falkenberg/9-11 (June 23, 2008).

³¹ Re PacifiCorp 2009 Transition Adjustment Mechanism, Docket UE 199, Order No. 08-543, 26 Appendix A at 7 (Nov. 12, 2008).

recent . . . forecast load" in the Company's Initial Filing. 32 ICNU now claims that it cannot 1 adequately review an updated load forecast in the TAM.³³ Given that ICNU was a key drafter 2 of the TAM Guidelines and has been operating under them for the prior two proceedings 3 4 without claiming that evaluating the load forecast is too burdensome, ICNU's claim lacks 5 credibility. Moreover, using a load forecast from a prior period undermines the goal of 6 accurately projecting NPC in the rate effective period. 7 В. ICNU's Hedging Adjustment is Based on a Hindsight Review of Hedging Outcomes and Should Be Rejected. 8 9 The Stipulation accepts Staff's proposal that the Company convene a series of 10 workshops to review, in depth, the Company's existing hedging practices and potential 11 changes to future hedging strategies. Staff did not propose any disallowance of hedging costs 12 in this case, finding that the Company's hedges in this case were prudent.³⁴ CUB initially proposed disallowances similar to ICNU's, 35 but narrowed and reduced its adjustment on 13 14 rebuttal. 15 ICNU's hedging adjustment retroactively imposes natural gas hedging parameters on the Company's hedges during the time period 2007-2010. 36 ICNU argues that recovery for 16 hedges falling outside ICNU's hedging parameters should be disallowed as imprudent.³⁷ 17 ICNU's proposed disallowances reduce the Company's NPC by approximately \$16.2 million.³⁸ 18 19 20 ³² Order No. 09-274, Appendix A at 9. 21 ³³ ICNU/100, Schoenbeck/8, I. 18-8, I. 2. ³⁴ Staff/300, Durrenberger/5, II. 5-7. "[T]he Commission does not generally dictate specific hedging 22 strategies or practices. However, for the utility to be able to include hedging expenses in rates its 23 decisions and actions must be found to be prudent." Staff/300, Durrenberger/6, Il. 17-20. 35 CUB/200, Jenks-Feighner/8, II.2-5 24 ³⁶ ICNU/103, Schoenbeck/15. 25 ³⁷ ICNU/100, Schoenbeck/4-13.

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³⁸ ICNU/100, Schoenbeck/3, II. 4-5.

1. ICNU Ignores Evidence Demonstrating the Overall Prudence and Benefits of the Company's Hedging Practices.

ICNU's arguments disregard important evidence demonstrating the overall prudence of the Company's hedging policy and the benefits of this policy to customers. ICNU's adjustment focuses on the Company's hedges from 2007-2010. Only two years prior, Staff reviewed the Company's hedging practices as a part of its Natural Gas Procurement Study and concluded that PacifiCorp achieved an 82 percent reduction in volatility and a 15 percent decrease in price through its natural gas hedging. PacifiCorp updated the Staff's analysis for the period 2005-2010 and demonstrated a continued significant reduction in volatility—50 percent associated with power hedges and 52 percent associated with natural gas hedges. PacifiCorp also demonstrated that customers have experienced a total company net benefit of \$118 million from the Company's hedges since 2008, even taking into account the hedging costs in this case. In ICNU has not controverted any of these facts.

ICNU also disregards the important admissions of its witness Donald Schoenbeck that: (1) the goal of PacifiCorp's hedging strategy was to reduce price volatility and provide price certainty, a goal which customers value and comes at a cost;⁴² (2) PacifiCorp's hedging program was appropriately diversified in terms of length and type of hedges;⁴³ (3) PacifiCorp's natural gas hedges were well-timed to meet its natural gas supply needs;⁴⁴ and (4) ICNU is not challenging PacifiCorp's current hedging program on a going-forward basis, but only on a backward-looking basis to the 2007-08 time period.⁴⁵

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21 <sup>39</sup> PPL/403 at 56.
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⁴⁰ PPL/400, Bird/11, II. 18-22.

^{23 &}lt;sup>41</sup> PPL/105, Duvall/7 at 13-17.

²⁴ Hearing Transcript, Volume IV, Page 158, II. 14-18.

⁴³ *Id.* at 155, II. 17-21.

⁴⁴ *Id.* at 156, II. 15-21.

^{26 &}lt;sup>45</sup> *Id.* at 155, II. 7-16.

1 2. The Company Did Not Imprudently Hedge "Too Much Too Soon." 2 ICNU argues that the Company hedged too much of its open position and hedged too 3 far out, as compared to other utilities. 46 ICNU's argument ignores the fact that the Company is of its total natural gas open position in the 2012 GRID study.⁴⁷ In 4 hedged at only 5 its initial testimony, ICNU cited favorably to Northwest Natural Gas Company's (NW Natural) 6 hedging program, under which NW Natural was hedged at 77 percent for the 2010-2011 prompt year—a higher percentage than PacifiCorp's in this case. 48 Similarly, ICNU fails to 7 8 reconcile its characterization of PacifiCorp's hedging program as overly aggressive⁴⁹ with the fact that PacifiCorp's hedging horizon is shorter than either NW Natural's⁵⁰ or PGE's.⁵¹ 9 10 In addition, ICNU ignores the Company's evidence that it hedged in a deliberate, 11 continuous, and programmatic manner. Consistent with its Risk Management Policy, the 12 Company's net open position for 2012 has been gradually but steadily reduced from the fourth 13 quarter in 2007 to the third quarter in 2011.52 14 Finally, ICNU applies hindsight analysis to argue that the Company transacted too 15 many gas hedges in the 2007-2008 timeframe. As Staff notes, at the time PacifiCorp 16 executed the contested hedges in this case, natural gas prices were increasing each year 17 through 2012 and beyond. 53 PacifiCorp submitted significant evidence demonstrating this 18 ⁴⁶ ICNU/100, Schoenbeck/14. II. 17-24, 15 I. 17 19 ⁴⁷ PPL/400, Bird/18 I, 16 20 ⁴⁸ PPL/400, Bird/24, II, 8-9 ⁴⁹ ICNU cites to an independent audit of the Company's hedging program by the Utah Division of 21 Public Utilities in an attempt to categorize the Company's hedging program as outside standard industry 22 norms. ICNU fails to point out that the study specifically declined to conclude the Company's hedging policy is "inappropriate," instead concluding that it "adhered to generally accepted standards found 23 elsewhere in the industry." Exhibit PPL/404, Bird/9. ⁵⁰ PPL/400, Bird/24, II. 7-8 24 ⁵¹ PPL/400, Bird/24, II. 12-18. 25 ⁵² PPL/406, Bird/4-5. ⁵³ Staff/300, Durrenberger/7, II.21-22. 26

1 fact,⁵⁴ to which ICNU failed to respond. Had natural gas prices for 2012 remained as forecast

2 in 2007-2008, the hedges in this case would have decreased total company NPC by

3 \$120.5 million.55

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3. The Company's Hedges Were Consistent with its Risk Management Policy.

ICNU claims that the Company's hedges were imprudent because they were executed outside of the Risk Management Policy. ICNU claims both that the Company lacks adequate documentation to support the hedges in this case, and that some of PacifiCorp's hedges were for periods longer than the 48 months authorized by the Company's policy. ⁵⁶ Contrary to ICNU's claims, the record demonstrates that all of the hedges in this case were properly executed under the Company's Risk Management Policy.

First, the Company has provided voluminous documentation of the hedges. In response to the Commission's bench request for the Company's workpapers that had been provided to parties in the proceeding documenting its hedges, PacifiCorp submitted an eight-page, 11" by 17" spread sheet. This exhibit lists every natural gas hedge in the case, along with all relevant underlying data for each hedge, including the transaction type, counter-party, date of execution, delivery start and end dates, quantity, delivery market, market price, fixed price, and mark to market value.

Second, neither the audit by Oregon Staff nor the audit by the Utah Division of Public Utilities (DPU) indicated documentation or control issues associated with the Company's hedging program. Indeed, the DPU audit report specifically found that the Company's

23 ⁵⁴ PPL/400, Bird/28-32.

^{24 &}lt;sup>55</sup> PPL/400, Bird/30, II. 19-21.

²⁵ See Opening Brief of ICNU at 16.

⁵⁷ Re. PacifiCorp 2012 Transition Adjustment Mechanism, Docket UE 227, Affidavit of Stefan Bird 26 and Confidential Exhibit 1 (Sept. 13, 2011).

- 1 hedging program was "well-documented and controlled," that the Company's hedging program
- 2 has "well-stated goals and strategy that is aimed at mitigating price volatility," and that the
- 3 Company was "self-monitoring compliance with...[its] risk management procedures through its
- 4 own internal audit function."58

Third, the hedges in this case that exceeded 48 months in length were executed to take advantage of cost savings associated with standard market products⁵⁹ and on average were only 2.3 months in excess of 48 months.⁶⁰ This period is well within the 15-25 percent range of flexibility that ICNU's witness Mr. Schoenbeck testified he supported for both hedging length and volume targets.⁶¹ In addition, the Risk Management Policy specifically allowed transactions over 48 months in length with management approval, and the Company provided evidence from its Senior Vice President of Commercial and Trading Mr. Stefan Bird that each of these transactions was approved as the least-cost option available.⁶²

In any event, in Order No. 02-469, the Commission specifically rejected a similar argument made by ICNU, which claimed that in order to properly review the prudence of the Company's decision in that proceeding, the Company needed to provide contemporaneous evidence of its decision making process. The Company responded that contemporaneous documentation is "not a prerequisite to establishing the prudence of a utility's actions, because prudence determinations are based on an objective standard of reasonableness." The

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^{20 &}lt;sup>58</sup> Exhibit PPL/404, Bird/17.

^{21 &}lt;sup>59</sup> PPL/400, Bird 10, II. 4-5.

^{22 &}lt;sup>60</sup> Hearing Transcript, Volume III, Page 124, II. 5-18.

⁶¹ Hearing Transcript, Volume IV, Page 188, II. 1-7.

 ⁶² ICNU improperly cites to the testimony of Mr. Bird at the hearing as support for ICNU's statement "utility should evaluate the benefits and costs of all potential hedging strategies and should document all hedging decisions." Opening Brief of ICNU at 17. In fact, ICNU asked whether Mr. Bird agreed with that statement, to which Mr. Bird replied "I agree with it in a certain context." Hearing Transcript, Volume I, Page 60-61, II. 20-25, 1-3.

⁶³ Re PacifiCorp, Docket UM 995/UE 121, Order No. 02-469, 5 (July 18, 2002).

Commission rejected ICNU's position, stating that the Company "correctly stated the legal 1 standard."64 2 3 The Company's hedging policy did not require the sort of documentation ICNU is seeking, nor did the policy prohibit the Company from entering the hedges ICNU is contesting. 4 The Company prudently entered into hedges longer than 48 months, in compliance with its 5 internal risk management policy, in order to mitigate risks and lower the costs associated with 6 7 market volatility. 8 ICNU's Adjustment is Based Upon a Flawed Hedging Program. 4. 9 ICNU's adjustment is based upon its proposed hedging parameters. These 10 parameters are 18.1 percent in year 1, 36.3 percent in year two, 54.4 percent in year three and 72.5 percent in year four. 65 There are fundamental problems in the operation of ICNU's 11 hedging targets and associated adjustment. Given these problems, it is not surprising that 12 13 Mr. Schoenbeck admitted that he knew of no other utility that had a hedging program exactly like the one he was proposing in this case. 66 14 15 First, ICNU's adjustment removes PacifiCorp's hedges that exceed ICNU's target levels in a particular month. ICNU never adds the removed hedges back in later months when 16 17 PacifiCorp's total hedges are below ICNU's hedging targets. Mr. Schoenbeck acknowledged 18 that his failure to "backfill" in his adjustment produced a hedge percentage for PacifiCorp in , far lower than his 72.5 percent target for that year.⁶⁷ 19 the prompt year of Mr. Schoenbeck also acknowledged that if his adjustment was changed to add the removed 20 21 22 23 ⁶⁴ Re PacifiCorp, Docket UM 995/UE 121, Order No. 02-469, 5 (July 18, 2002). 24 ⁶⁵ Hearing Transcript, Volume IV, Pages 162-163. 25 66 ld. at Page 186, l. 20-187, l. 2. ⁶⁷ *Id.* at Page 185, II. 2-16. 26

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hedges in months where PacifiCorp was under the hedging target, it would reduce his
 adjustment by approximately 50 percent.⁶⁸

Second, ICNU removes a number of multi-year hedges that were already in rates.

Approximately 20 percent of the hedges ICNU removed fall into this category. ICNU has not explained why it is appropriate to disallow hedges already in rates, especially when ICNU previously raised no objection to these hedges.

Third, while Mr. Schoenbeck testified that hedging parameters should be applied flexibly to respond to current conditions (within a range of 15 to 25 percent for both volume and length), he admitted that he did not apply this flexibility in calculating his adjustment.⁷⁰

Fourth, ICNU has not responded to the testimony demonstrating the significant increase in volatility associated with its proposed hedging parameters. Mr. Bird's testimony demonstrated that ICNU's hedging parameters would have increased risk to customers as much as \$60 million total company as of November 30, 2008. This increased risk results from a much larger net open position exposure in the face of escalating forward prices and high price volatility at the time. During the Western energy crisis, ICNU challenged PacifiCorp's NPC on the basis that PacifiCorp was not sufficiently hedged against the markets. In this case involving hedges executed only one-half a dozen years later, ICNU is asserting the opposite.

For all of the foregoing reasons, and given the additional fact that CUB's settled hedging adjustment overlaps with ICNU's, there is no basis to reject the settlement because of ICNU's hedging adjustment.

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^{22 68} *Id.* at Page 185, II. 11-13.

^{23 &}lt;sup>69</sup> PPL/406, Bird/13.

²⁴ Thearing Transcript, Volume IV, Page 187, II. 7-15.

⁷¹ PPL/406, Bird/12, II. 9-11.

⁷² Re. Application of PacifiCorp for an Accounting Order Regarding Excess Net Power Costs, 26 Docket UM 995, Order No. 02-469 at 16 (2002)

C. ICNU's Proposal to Remove Market Caps is Inconsistent with the Inclusion of Market Caps in Every Past TAM Proceeding.

ICNU proposes to remove market caps from GRID, resulting in a reduction to Oregon-allocated NPC of approximately \$1.4 million.⁷³ While Staff proposed reverting to the Company's prior market cap methodology,⁷⁴ CUB did not present evidence on market caps. Rather than reverting to the prior methodology as proposed by Staff, PacifiCorp proposed that the Commission adopt the Company's market cap approach on a non-precedential basis, in part because the Company's approach reduced NPC as compared with Staff's proposal.⁷⁵

ICNU's proposal to remove market caps is unreasonable. Market caps have been used since the implementation of the GRID model and their removal would be a departure from the Company's well-established modeling.⁷⁶ In addition, without market caps, GRID allows for unlimited sales at every market at all times.⁷⁷ Historical data shows the Company's ability to sell in certain markets is sometimes limited, and the Company's market caps appropriately reflect these limitations.⁷⁸

ICNU provides a number of arguments in support of the proposal to remove market caps. ICNU claims that the Company's market caps result in many hours when the actual hourly sales amount exceeded the average sales value. ⁷⁹ In fact, the Company's method results in cap values that are equal to the actual transactions the Company has executed at each trading hub on an energy basis. ⁸⁰ PacifiCorp also explained that ICNU's claim that the

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level of transactions in GRID does not come close to historical actual levels is irrelevant.81 As 1 2 was discussed before this Commission in UE 191, this is a characteristic of any dispatch 3 model that balances and optimizes a forecast test year on an hourly basis with perfect foresight.82 4 5 ICNU also claims that PacifiCorp's approach produces counterintuitive results.83 ICNU 6 does not dispute, however, that in over 90 percent of hours evaluated by ICNU, the Company's market caps are higher than actual transactions.84 This means that in over 90 7 8 percent of the hours analyzed by ICNU, GRID can model more transactions than the 9 Company actually experienced, undermining ICNU's claim that the Company's market caps 10 inappropriately limit transactions in GRID. This fact demonstrates that the Company's market 11 caps are an appropriate response to the market illiquidity that ICNU concedes exists. 12 ICNU attempts to undermine PacifiCorp's testimony explaining the Utah Commission's evaluation of market caps. 85 ICNU's argument on this point is irrelevant, because the context 13 14 of that testimony was to explain that ICNU's prior TAM witness, Mr. Randall Falkenberg, 15 abandoned his market cap adjustment in Docket UE 216 after proposing it in UE 207, and the 16 Utah Commission rejected his market cap adjustment in the intervening period.86 17 Nevertheless, ICNU does not dispute the fact that no commission has approved an 18 adjustment removing market caps.87 19 ICNU also responds to the Company's testimony that markets caps are necessary to 20 address illiquidity. ICNU does not dispute that the market is sometimes illiquid or that utilities 21 ⁸¹ PPL/105, Duvall/19, I. 19-20, I. 28. 22 82 PPL/105, Duvall/20, II. 3-16. 83 Opening Brief of ICNU at 25. 23 84 PPL/110, Duvall/11, II. 3-8. 24 85 Opening Brief of ICNU at 26.

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⁸⁶ PPL/105, Duvall/17, II. 4-17.

⁸⁷ PPL/105, Duvall/17, II. 15-17.

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"experience actual limitations on their ability to sell generation." Instead, ICNU argues that
the Company is only one player in a larger market, implying that PacifiCorp could sell more
than its historical experience. ICNU's argument, however, does not negate the fact that the
Company's ability to sell in these markets is limited. 89

ICNU also claims that no other Pacific Northwest utility uses market caps to address market illiquidity. 90 ICNU does not try to reconcile these utilities' dispatch models with the Company's or explain how NPC modeling for those utilities relates in any way to NPC modeling for the Company. 91

Finally, ICNU disputes the fact that removing market caps will result in a double counting of short term firm trading transactions.⁹² The Company provided testimony that removing market caps will result in increased trading transactions that are already reflected in the trading market adjustment.⁹³ The Company showed that 90 percent of the increased sales that occur when market caps are removed are attributable to arbitrage, the benefits of which are already reflected in GRID and would be double counted if the same amount is not removed from GRID.⁹⁴

ICNU has failed to present any evidence that removing market caps from the GRID model is reasonable and ICNU's market cap arguments provide no basis for rejecting or amending the Stipulation.

	88 Opening Brief of ICNU	at 27.
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⁸⁹ PPL/105, Duvall/19, II. 11-18.

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^{23 &}lt;sup>90</sup> Opening Brief of ICNU at 27.

⁹¹ PPL/110, Duvall/13, II. 6-11.

⁹² Opening Brief of ICNU at 28.

⁹³ PPL/110, Duvall/12, II. 3-16.

^{26 &}lt;sup>94</sup> PPL/110, Duvall/12, II. 9-16.

D. ICNU Has Not Evaluated the Company's Wind Integration Costs, so ICNU's Selective Removal of the Must Run Designation from Gadsby is Unreasonable.

ICNU opposes the Company's designation of the Gadbsy units as must run and proposes the designation be removed in GRID.⁹⁵ ICNU's proposed adjustment reduces the Company's Oregon-allocated NPC by approximately \$0.8 million.⁹⁶ In the initial round of testimony, Staff also proposed removing the must run designation from the Gadsby units.⁹⁷ However, after the Company filed rebuttal testimony on the issue, Staff conceded this adjustment.⁹⁸ No other party opposed the must run designation of the Gadsby units.

The Company's proposed overall wind integration charges are reasonable. No party to the proceeding, including ICNU, has argued that the Company's overall wind integration charge is unreasonable. In fact, ICNU concedes that it did not even analyze the Company's wind integration costs in this case. ⁹⁹ ICNU's claim that it did not have time to do so during the expedited TAM schedule is unavailing, as ICNU was a participant in the process to evaluate the Company's 2010 Wind Integration Study (Wind Study) prior to this case and had ample opportunity to review the Wind Study. ¹⁰⁰ The Company provided the Wind Study to parties on April 16, 2010—about a year before this case was filed—and issued subsequent drafts based on stakeholder comments. ¹⁰¹ ICNU's argument that the Wind Study should be vetted in a rate case ignores the in depth review of the Wind Study already conducted by ICNU and other stakeholders.

A comparison of wind integration costs of other utilities demonstrates that the Company's wind integration costs are reasonable. PGE's wind integration study yielded a

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1 wind integration charge more than twice the Company's to integrate a much smaller amount of 2 wind. The Company also explained that the Bonneville Power Administration's (BPA) wind integration charge is higher than the Company's. 103 ICNU discounts this comparison using 3 4 wind penetration information that is not contained in the record, but has not quantified the 5 impact of this element on the Company's or BPA's wind integration charges. 6 ICNU cites capacity factors from the twelve months ended June 30, 2011 to argue that the Gadsby's capacity factor is lower than if modeled as a must run resource. 104 As the 7 8 Company explained, ICNU's analysis uses a time period with high levels of hydro and wind 9 generation and low market prices, and that under these conditions it would be expected that 10 the Gadsby units would operate at a lower capacity factor. 105 Given that the units have 11 operated as high as 39 percent capacity factor, the 32 percent modeled in GRID is 12 reasonable. 106 13 In addition, ICNU fails to respond to the Company's testimony that the use of a must 14 run designation for the Gadsby units allows the Company to release reserves that would otherwise be held on coal plants, increasing system reliability. 107 15 16 In summary, this issue does not provide a basis for rejecting or amending the 17 Stipulation. 18 ICNU Has Presented No Justification for Altering the Company's Forward Price E. Curve Methodology. 19 ICNU proposes an alternative method of generating the Company's forward price 20 curve (FPC). ICNU proposes that the Company use a third-party source for its FPC and 21 22 ¹⁰² PPL/105, Duvall/30, II. 1-2. ¹⁰³ PPL/110, Duvall/14, II. 18-22. 23 ¹⁰⁴ Opening Brief of ICNU at 30. 24 ¹⁰⁵ PPL/110, Duvall/16, II. 6-14. 25 ¹⁰⁶ PPL/110, Duvall/16, II. 6-14.

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¹⁰⁷ PPL/110, Duvall/15, II. 8-10.

remove hour-to-hour variability from the calculation. ¹⁰⁸ ICNU's method results in a \$1.7 million decrease to NPC on an Oregon-allocated basis. ¹⁰⁹ Staff testified that the Company's forward price curve is reasonable and comparable to forward price projections from other sources used by Staff. ¹¹⁰ Staff also did not find an advantage to ICNU's proposal that the forward price be based on a commercially available forward price curve. ¹¹¹ CUB did not weigh in on the

ICNU presents three recommendations for altering the Company's FPC methodology, none of which have merit. First, ICNU argues that it is preferable to use a publicly available FPC rather than a Company-generated FPC. However, there is no publicly available FPC that provides information for all of the market hubs in which PacifiCorp transacts. ICNU claims that historical price spreads can be used for the missing market hubs, but PacifiCorp provided unrebutted testimony that historical price curves are not a suitable replacement for forward price spreads. The evidence therefore shows that there is no publicly available FPC that can accurately reflect forward prices for the Company.

ICNU claims that using a third-party source for the forward price curve is necessary because PacifiCorp designated its FPC information as highly confidential and review of the FPC information was difficult.¹¹⁵ ICNU fails to clarify that the Company's official FPC used to set rates in this case is designated as confidential, not highly confidential.¹¹⁶ The FPC-related

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<sup>108</sup> ICNU/108, Schoenbeck/11, II. 6-12, I. 15.
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                <sup>109</sup> ICNU/108, Schoenbeck/12, II. 16-21.
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                <sup>110</sup> Staff/300, Durrenberger/12, II. 15-19.
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                <sup>111</sup> Staff/300, Durrenberger/12, I. 20-13, I. 3.
                <sup>112</sup> Opening Brief of ICNU at 32.
23
                <sup>113</sup> PPL/500, Link/6, II. 19-22.
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                <sup>114</sup> PPL/500, Link/7, II. 2-16.
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                <sup>115</sup> Opening Brief of ICNU at 33.
                <sup>116</sup> PPL/500, Link/5, II, 8-15,
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issue of forward price curves.

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1 information requested by ICNU that was designated as highly confidential was not used to

2 determine NPC. 117 In addition, PacifiCorp provided all requested FPC-related material to

3 ICNU and ICNU provided no evidence that the Modified Protective Order in this case limited

4 its ability to review the FPC information. 118 Therefore, ICNU's claim that use of third-party

5 data would eliminate the need to use highly confidential material to set a transition adjustment

is off base, because no highly confidential material is used to do so in the first instance.

ICNU also claims that the Company's use of an internal FPC "creates a process rife with gaming opportunity." ¹¹⁹ ICNU conceded, however, that Mr. Schoenbeck did not observe any gaming of the Company's FPC. ¹²⁰ Also, ICNU itself noted that there is an insignificant difference between PacifiCorp's internally generated forward prices and those reported by Intercontinental Exchange, demonstrating that there is no problem with the Company's method for calculating the FPC. ¹²¹ Finally, the Company uses the same methodology to develop its FPC to establish NPC that is used in daily operations and financial reporting, undermining ICNU's claims of the potential for gaming. ¹²²

Second, ICNU argues that the hour-to-hour price variability should be removed from the Company's FPC methodology and that day-ahead prices from a third-party source be used. ¹²³ ICNU's proposal would remove hour-to-hour price variability from the calculation of the Company's FPC. ¹²⁴ As a result, the price for all on-peak hours for a given day type in a month would be the same. ¹²⁵ However, it is an unrebutted fact that there is hour-to-hour price

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<sup>117</sup> PPL/500, Link/5, II. 1-8.
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^{21 &}lt;sup>118</sup> PPL/500, Link/6, II. 3-8.

^{22 119} Opening Brief of ICNU at 33.

¹²⁰ PPL/500, Link/4, II. 18-5, II. 3.

^{23 &}lt;sup>121</sup> ICNU/100, Schoenbeck/19, II. 2-7.

^{24 122} PPL/500, Link/8, II. 14-17.

¹²³ ICNU/108, Schoenbeck/11, II. 12-14.

¹²⁴ PPL/500, Link/13, II. 23-14, II. 1.

^{26 &}lt;sup>125</sup> PPL/500, Link/14, II. 1-4.

variability in the hourly market. ¹²⁶ ICNU's approach, therefore, would produce hourly price profiles that would deviate from known market trends. ¹²⁷ It would be unreasonable to calculate rates based on a methodology that is demonstrably inaccurate.

Alternatively, ICNU proposes that if the Commission does not accept its method for converting forward prices into hourly values, the Commission should require [the Company to use a shorter historical period to develop hourly price scalars.¹²⁸ This adjustment would reduce NPC by \$0.9 million on an Oregon-allocated basis.¹²⁹ PacifiCorp's evidence shows that using a longer period of historical price data is appropriate because it increases the amount of data used to derive the hourly prices and achieves the Company's objective of incorporating long-term and short-term trends in hourly price profiles.¹³⁰ Moreover, ICNU's concerns regarding the amount of data available are inconsistent with ICNU's proposal to use a third-party data source, because such a source is not available for certain hubs.¹³¹

Finally, it would be inappropriate to require the Company to use a different FPC methodology for the TAM as it uses for operations and financial reporting. ¹³² In a direct access stipulation, the Company expressly agreed with Staff and ICNU to use the same FPC for Company operations as it uses for determination of transition adjustments. ¹³³ ICNU has presented no evidence that altering the Company's FPC methodology is reasonable. There is no basis for the Commission to accept either of ICNU's proposed methodologies and reject the Stipulation on this basis.

133 Re. PacifiCorp's Proposal to Restructure and Reprice Its Services in Accordance With the 26 Provisions of SB 1149, Docket UE 116, Stipulation (June 19, 2001).

1 F. Removing Cal ISO Transactions from GRID Will Increase NPC.

ICNU contends that CallSO wheeling expenses and fees should be removed from the
GRID model, resulting in a \$1.1 million reduction in Oregon-allocated NPC. Staff initially
proposed this adjustment, but later stated that the adjustment was unnecessary.

ICNU is incorrect. The Company enters into transactions with the Cal ISO if the Cal ISO is the most economic option for serving load at that time. ¹³⁷ If the Company is forced to forgo these least-cost transactions with the Cal ISO, the Company will necessarily need to serve load with higher-cost counterparties, resulting in higher NPC. ¹³⁸ The Company's continued ability to enter into transactions with the Cal ISO ensures the Company has the greatest flexibility to transact in the market at the lowest cost thereby reducing NPC. The Cal ISO transactions provide benefits to customers and the inclusion of Cal ISO costs in rates is just and reasonable.

G. The DC Intertie Provides Benefits to Customers.

ICNU proposes removing costs associated with the DC Intertie agreement, which would result in a \$1.2 million reduction to Oregon-allocated NPC. Staff originally proposed removing these costs, but later found the adjustment to be unnecessary. No other party presented evidence on the DC Intertie.

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21 Opening Brief of ICNU at 36.

22 135 PPL/112.

23 ¹³⁶ ICNU/100, Schoenbeck/25, II.11-12.

¹³⁷ PPL/105, Duvall/25, Il. 5-6.

¹³⁸ PPL/105, Duvall/26, II. 1-3.

²⁵ Opening Brief of ICNU at 38.

26 140 Staff/100, Durrenberger/7, II. 21-22; PPL/110, Duvall/2, I. 8.

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1 This is the first time a party has proposed removing costs associated with this contract from Oregon rates, despite the fact it has been included in rates for 17 years. 141 ICNU's 2 3 proposal to reexamine the prudence of this contract based on what is known to the Company 4 now, rather than 17 years ago, is in conflict with the Commission's prudence standard. 5 Regardless of this fact, the Company has demonstrated that the DC Intertie continues 6 to provide value to customers. The Company explained that it made over 200 power purchase transactions at NOB each year for the past five years. 142 The cost of the DC Intertie 7 8 is \$1.99 per kW-month, which compares favorably to BPA's capacity charge of \$8 per kWmonth and, ultimately, saves Oregon customers money. 143 The DC Intertie provides capacity 9 10 and diversity benefits to the Company. 144 For example, the DC Intertie allows the Company to 11 capitalize on the load diversity between California's summer peak and Oregon's winter 12 peak. 145 Finally, ICNU presents no evidence to rebut Mr. Duvall testimony that, in the 13 absence of the DC Intertie agreement, the Company would need to seek out a new 200 MW resource to meet peak loads. 146 14 15 ICNU supports its position with reference to a decision of the Washington Utilities and 16 Transportation Commission (WUTC) in the Company's 2010 Washington rate case to disallow DC Intertie costs.147 ICNU, however, fails to explain that there was a critical evidentiary 17 18 difference in the two cases, which caused the WUTC to find, incorrectly, that no DC Intertie transactions were modeled for the test year in that case. 148 The WUTC specifically 19 20 ¹⁴¹ PPL/105, Duvall/21-24. ¹⁴² PPL/105, Duvall/22, II. 10-15. 21 ¹⁴³ PPL/105, Duvall/22, II. 18-20. 22 ¹⁴⁴ PPL/105, Duvall/23, II. 7-8. 23 ¹⁴⁵ PPL/105, Duvall/22, II. 4-5. ¹⁴⁶ PPL/105 Duvall/22, I. 23; PPL/105, Duval/23, II. 1-2. 24 ¹⁴⁷ Wash. Util. and Transp. Comm'n., v. PacifiCorp d/b/a Pacific Power and Light Co., Docket No. 25 100749, Order No. 06 at ¶ 152 (Mar. 25, 2011).

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¹⁴⁸ *Id.* at ¶¶ 149-150.

1	acknowledged the possibility of the DC Intertie being useful in the future. 149 In this proceeding		
2	the Company has provided ample evidence showing the DC Intertie is used and useful and		
3	provides benefits to customers.		
4	III. CONCLUSION		
5	For the reasons stated in the Joint Parties' Opening Brief, the Joint Parties' Reply		
6	Brief, and this brief, Staff and PacifiCorp respectfully request that the Commission find that the		
7	Stipulation produces just and reasonable rates, reject ICNU's arguments to the contrary, and		
8	approve the Stipulation as filed.		
9			
10	DATED: October 12, 2011	McDowell Rackner & Gibson PC	
11			
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26	¹⁴⁹ <i>Id.</i> at ¶ 151.		

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CERTIFICATE OF SERVICE

'	CERTIFICATE OF CERTIFICE			
2	I hereby certify that I served a true and correct copy of the foregoing document in			
3	UE 227 on the following named person(s) on the date indicated below by email addressed			
4	to said person(s) at his or her last-known address(es) indicated below.			
5				
6	Ed Durrenburberger Public Utility Commission of Oregon ed.durrenberger@state.orus	Jason W. Jones, Assistant AG Department of Justice jason.w.jones@state.or.us		
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