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July 23, 2018

VIA ELECTRONIC FILING

PUC Filing Center
Public Utility Commission of Oregon
PO Box 1088
Salem, OR 97308-1088

**Re: UE 339– In the Matter PACIFICORP, dba PACIFIC POWER, 2019 Transition
Adjustment Mechanism**

Attention Filing Center:

Attached for filing in the above-captioned docket is an electronic copy of the Partial Stipulation of PacifiCorp, Staff, CUB, AVEC, and Calpine Solutions. This filing is being made concurrently with the Joint Testimony in Support of Partial Stipulation.

Please contact this office with any questions.

Very truly yours,

Wendy McIndoo
Office Manager

Attachment

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 339

In the Matter of
PACIFICORP, d/b/a PACIFIC POWER,
2019 Transition Adjustment Mechanism

PARTIAL STIPULATION

1 This Stipulation resolves all but one issue among all parties to the 2019 Transition
2 Adjustment Mechanism (TAM). The TAM is an annual filing by PacifiCorp, d/b/a Pacific
3 Power, to update its net power costs (NPC) in rates and set the transition adjustments for direct
4 access customers.

PARTIES

5
6 1. The parties to this Stipulation are PacifiCorp, Staff of the Public Utility
7 Commission of Oregon (Staff), the Oregon Citizens' Utility Board (CUB), the Alliance of
8 Western Energy Consumers (AWEC), and Calpine Energy Solutions LLC (Calpine
9 Solutions) (collectively, the Stipulating Parties). No other party intervened in the 2019 TAM.

BACKGROUND

10
11 2. On March 30, 2018, PacifiCorp filed its 2019 TAM, with direct testimony and
12 exhibits from Michael G. Wilding, Dana M. Ralston, and Judith M. Ridenour. PacifiCorp
13 also filed revised tariff sheets for Schedule 201¹ to implement the 2019 TAM. The company
14 filed the 2019 TAM on a stand-alone basis without a general rate case and proposed that new
15 rates become effective on January 1, 2019.

¹ As described in the company's direct testimony, the TAM typically updates the rates set forth in Schedule 205. The Initial Filing here, however, did not include a billable rate adjustment for Schedule 205 and therefore the company did not file revised tariff sheets for Schedule 205. See PAC/300, Ridenour/3.

1 3. The TAM is PacifiCorp's annual filing to update its NPC in rates and to set the
2 transition adjustments for customers who choose direct access during the open enrollment
3 window in November. Along with the forecast NPC, the 2019 TAM also includes test period
4 forecasts for: (1) other revenues related to NPC; (2) incremental benefits and costs related to
5 the company's participation in the energy imbalance market (EIM) with the California
6 Independent System Operator Corporation (CAISO); and (3) renewable energy production
7 tax credits (PTCs).

8 4. PacifiCorp's March 30, 2018, TAM filing (Initial Filing) reflects normalized,
9 total-company NPC for the test period (the 12 months ending December 31, 2019) of
10 approximately \$1.502 billion. On an Oregon-allocated basis, NPC in the Initial Filing are
11 approximately \$386.9 million. This amount is approximately \$21.6 million higher than the
12 \$365.3 million included in rates through the 2018 TAM (docket UE 323), and \$16.9 million
13 higher when adjusted for forecasted load loss, other revenues, and PTCs. The TAM Initial
14 Filing reflects an overall average rate increase of approximately 1.3 percent.

15 5. On April 3, 2018, CUB filed its notice of intervention and Calpine Solutions
16 filed a petition to intervene. On April 10, 2018, AWEC file a petition to intervene. On April
17 26, 2018, Administrative Law Judge Sarah Rowe held a prehearing conference and
18 subsequently issued a Prehearing Conference Memorandum granting the requested
19 interventions and adopting a procedural schedule.

20 6. On May 21, 2018, PacifiCorp filed a list of corrections, as required by the TAM
21 Guidelines adopted by the Commission in Order No. 09-274 and revised in Order Nos. 09-
22 432 and 10-363.² The total impact of the identified corrections is a decrease of approximately

² *In the Matter of PacifiCorp's 2009 Transition Adjustment Mechanism*, Docket No. UE 199, Order No. 09-274, App A at 10 (July 16, 2009); *In the Matter of PacifiCorp's 2010 Transition Adjustment Mechanism*, Docket No. UE 207, Order No. 09-432 (Oct. 30, 2009); *In the Matter of PacifiCorp's 2011 Transition Adjustment Mechanism*, Docket No. UE 216, Order No. 10-363 (Sept. 16, 2010).

1 \$647,000 to the filed Oregon-allocated NPC. PacifiCorp indicated that the identified
2 corrections would be included in the TAM Reply Update.

3 7. On May 25, 2018, the Stipulating Parties held a technical workshop.

4 8. On June 11, 2018, Staff, AWEC, and Calpine Solutions filed opening testimony.
5 CUB filed a letter indicating that it did not intend to file opening testimony.

6 9. On June 20, 2018, the Stipulating Parties convened a settlement conference. The
7 Stipulating Parties held an additional telephonic settlement conference on June 27, 2018, and
8 during that conference reached an all-party stipulation that resolved all but one issue in the
9 2019 TAM. The settlement establishes baseline 2019 NPC in rates, subject to the Reply
10 Update and Final Update.

11 10. On July 6, 2018, PacifiCorp filed a Stipulated Motion to Modify the Procedural
12 Schedule based on the settlement agreement. The motion was granted on July 6, 2018.

13 **AGREEMENT**

14 11. Overall Agreement: The Stipulating Parties agree to submit this Stipulation to
15 the Commission and request that the Commission approve the Stipulation as presented. The
16 Stipulating Parties agree that the rate change resulting from the Partial Stipulation results in
17 rates that are fair, just, and reasonable, as required by ORS 756.040. The Partial Stipulation
18 results in a decrease in the Initial Filing of approximately \$11.8 million on an Oregon-
19 allocated basis, for an Oregon-allocated TAM baseline (both NPC and PTCs) of \$370 million,
20 or \$354 million when adjusted for loads and other revenues, as shown on Exhibit 1. This
21 results in an overall rate increase of 0.4 percent, as shown in Exhibit 2. A preliminary estimate
22 of the impact of each adjustment is included as Exhibit 3. The impacts of the individual
23 adjustments, described below and set forth in Exhibit 3, are based on one-off studies from the
24 Initial Filing.

25 12. TAM Adjustments and Updates: The Stipulating Parties agree that NPC forecast
26 reflected in the company's Initial Filing, subject to the adjustments described in this Partial

1 Stipulation and resolution of the remaining unsettled issue, is reasonable. The Stipulating
2 Parties agree that PacifiCorp will file a Reply Update and Final Update to its 2019 TAM filing
3 consistent with the TAM Guidelines, including the adjustments described in this Stipulation.
4 The Stipulating Parties recognize that the estimated impact of each of the agreed-upon
5 adjustments may change in the TAM updates, along with the NPC baseline and overall rate
6 change.

7 13. Wind Repowering: The prorated NPC benefits, including production tax credit
8 (PTC) benefits, of repowering projects completed in 2019 will be included in the 2019 TAM.
9 To account for PacifiCorp's proposal to repower certain of its owned wind resources, the
10 Stipulating Parties agree to a one-time modification of the Renewable Adjustment Clause
11 (RAC), which was approved by the Commission in Order No. 07-572,³ and is set forth in
12 PacifiCorp's Schedule 202. Specifically, the RAC will be modified as follows: The
13 Stipulating Parties agree that PacifiCorp will make its repowering RAC filing on or before
14 January 2, 2019. The Stipulating Parties agree to recommend and support implementation of
15 an expedited procedural schedule for the repowering RAC docket to allow the RAC rates to
16 be effective by July 1, 2019. This term modifies the RAC schedule that calls for an April 1
17 filing with rates effective the following January.⁴ The July 1, 2019, rate effective date is
18 contemporaneous with the expected in-service date for the first repowering project.⁵

³ *In the Matter of the Public Utility Commission of Oregon Investigation of Automatic Adjustment Clause Pursuant to SB 838*, Docket No. UM 1330, Order No. 07-572 (Dec. 19, 2007).

⁴ Order No. 07-572 at 2.

⁵ The Stipulating Parties agree that if the expected in-service date for the first RAC-eligible project goes beyond July 1, 2019, they will not oppose a later rate effective date. In addition, because individual repowering projects will be completed at different times in 2019 (*see*, AWEC/100, Mullins/8 Table 2), the Stipulating Parties agree that the RAC rates will not reflect any repowering project costs until the project is in service. The Stipulating Parties also agree that the inclusion of the prorated NPC benefits of repowering in the 2019 TAM appropriately reflects the in-service dates for the repowered facilities.

1 The Stipulating Parties further agree that if any repowering project is disallowed in the
2 RAC, then the NPC and PTC benefits included in the 2019 TAM will be adjusted accordingly
3 so that the costs and benefits remain matched.

4 The preliminary, approximate estimate of this adjustment is an Oregon-allocated NPC
5 reduction of \$7,702,186, which may be revised in the Reply Update and Final Update based
6 on changes to the scope or expected in-service dates of the repowering projects.

7 14. PTC Rate Inflator: PacifiCorp agrees to apply an inflation adjustment of one
8 tenth of a cent to the PTC rate used in the 2019 TAM. This adjustment results in a PTC rate
9 of 2.5 cents/kWh for 2019 and decreases Oregon-allocated NPC by approximately \$247,732.

10 15. Wind Capacity Factors: PacifiCorp agrees to forecast the net capacity factor for
11 company-owned wind projects using a 50/50 blend of (1) the P50 production estimates
12 determined when each wind project was initially developed, and (2) the cumulative average
13 methodology proposed by PacifiCorp in its Initial Filing. This adjustment decreases Oregon-
14 allocated NPC by approximately \$634,314. The Stipulating Parties expressly agree that this
15 is a one-time, non-precedential adjustment in the 2019 TAM. In future power cost filings,
16 parties are free to propose different methodologies for forecasting wind plant net capacity
17 factors. In addition, PacifiCorp will not oppose a party's request for a generic investigation,
18 or a PacifiCorp-specific investigation, into the forecasting methodology for net capacity
19 factors for wind projects.

20 16. Jim Bridger Long-Term Fuel Plan: PacifiCorp agrees to work with the
21 Stipulating Parties to develop an alternative analysis that evaluates the reasonableness of the
22 company's fueling strategy for the Jim Bridger plant based on a January 1, 2030 useful life
23 for the plant. The company will address any resulting changes to the Jim Bridger Long-Term
24 Fueling Plan in the 2020 TAM in or before April 2019.

1 17. Economic Cycling of Coal Plants: The Stipulating Parties will not oppose
2 PacifiCorp’s proposed modeling to account for the economic cycling of coal plants in the
3 2019 TAM.

4 18. Bridger Coal Company (BCC) Depreciation Expense: The Stipulating Parties
5 agree that in future TAM filings, PacifiCorp will include information setting forth how and
6 why BCC depreciation expense has changed from the levels set in the company’s most recent
7 general rate case. The Stipulating Parties agree that PacifiCorp will provide workpapers in
8 future TAM filings to support the depreciable lives of BCC assets. The Stipulating Parties
9 will continue to work together to determine the types of depreciation workpapers to be
10 included with future TAM filings before the filing of the 2020 TAM in April 2019.

11 19. Official Forward Price Curve (OFPC): The Stipulating Parties will not oppose
12 the use of PacifiCorp’s OFPC in the 2019 TAM and will not recommend any changes to the
13 company’s hedging policy or the allocation of hedging costs and benefits between customers
14 and PacifiCorp in the 2019 TAM.

15 20. Jim Bridger-to-Walla Walla Transmission Link: PacifiCorp agrees to an
16 adjustment to decrease the Oregon-allocated NPC by approximately \$141,911, which reflects
17 the impact of modeling the 300 MW transmission link between the Jim Bridger plant and the
18 Walla Walla area described in AWEC’s testimony.⁶ PacifiCorp does not agree to include this
19 modeling change in this or future TAM filings and AWEC is not precluded from proposing
20 this adjustment in future TAM filings.

21 21. Model Validation: PacifiCorp agrees to perform an additional year of GRID
22 model validation using a 2017 base year and the methodology described in PacifiCorp’s Initial
23 Filing.⁷

⁶ AWEC/100, Mullins/21-22.

⁷ See PAC/100, Wilding/17-26.

1 22. EIM Benefits: PacifiCorp agrees to update its forecasted EIM benefits using the
2 same methodology as its Initial Filing,⁸ based on all available data as proposed by Staff.⁹ The
3 updated EIM benefits will also account for the expiration of the West Valley tolling
4 agreement. This adjustment decreases Oregon-allocated NPC by approximately \$2.5 million.

5 23. Wheeling Costs: At the time of the Final Update, PacifiCorp agrees to provide
6 the Stipulating Parties and the Commission with an attestation that the wheeling expense
7 included in the 2019 TAM is accurate and complete. At that time, PacifiCorp will also
8 provide the Stipulating Parties information on its wheeling contracts and verify that there are
9 no additional filed transmission rate cases that impact the wheeling expense included in the
10 2019 TAM.

11 24. Pioneer Wind: The Stipulating Parties will not oppose PacifiCorp's Pioneer
12 Wind qualifying facility production estimate.

13 25. Refined Coal at Hunter Plant: PacifiCorp agrees that the 2019 TAM will reflect
14 NPC benefits of the refined coal used at the Hunter plant as a result of the transaction approved
15 by the Commission in Order No. 18-193.¹⁰ This adjustment reduces Oregon-allocated NPC
16 by approximately \$895,517.

17 26. Five-Year Direct Access Program: PacifiCorp agrees not to oppose a party's
18 request for a generic investigation into the company's five-year direct access program.

19 27. Consumer Opt-Out Charge: The Stipulating Parties agree that the consumer opt-
20 out charge applicable to PacifiCorp's five-year direct access program will be calculated with
21 no change to the fixed generation costs in years six through 10. This adjustment does not

⁸ See PAC/100, Wilding/40-45.

⁹ Staff/100, Gibbens/17-18.

¹⁰ *In the Matter of PacifiCorp Application for Approval of Certain Agreements with Tinuum Group, LLC*, Docket No. UP 369, Order No. 18-193 (May 24, 2018).

1 impact the TAM rates but it decreases the Consumer Opt-Charge collected from five-year
2 direct access customers by the following amounts:

Schedule 30 Primary	\$1.61/MWh
Schedule 30 Secondary	\$1.63/MWh
Schedule 47/48 Primary	\$1.53/MWh
Schedule 47/48 Secondary	\$1.63/MWh
Schedule 47/48 Transmission	\$1.41/MWh

3 The Stipulating Parties expressly agree that this is a one-time, non-precedential adjustment
4 in the 2019 TAM, and no party has waived its right to propose changes to the calculation of
5 the consumer opt-out charge in future proceedings. In addition, this agreement does not
6 constitute a waiver of any parties' rights relative to the pending appeal of Order No. 15-394.

7 28. Renewable Energy Certificate (REC) Transfers: The Stipulating Parties
8 recommend that the Commission approve the company's proposal in the 2019 TAM to
9 transfer RECs from PacifiCorp to an electricity service supplier to account for the migration
10 of direct access load.¹¹

11 29. EIM Costs: PacifiCorp and AWEC have not reached an agreement related to
12 AWEC's proposal to remove EIM costs from the TAM.¹² The Stipulating Parties agree that
13 this issue is not covered by this Partial Stipulation.

14 30. Tariff Revisions. Upon approval of this Partial Stipulation and resolution of the
15 disputed issues, concurrent with the filing of the Final Update, PacifiCorp will file revised
16 Schedules 201 and 205 (if necessary) and revised transition adjustment Schedules 294 and
17 295 as a compliance filing in docket UE 339, to be effective January 1, 2019, reflecting the
18 agreements in this Partial Stipulation, the Commission's resolution of the disputed issue, and
19 the results of the Final Update.

¹¹ PAC/100, Wilding/46-47.

¹² See AWEC/100, Mullins/22-24.

1 31. This Partial Stipulation will be offered into the record of this proceeding as
2 evidence pursuant to OAR 860-001-0350(7). The Stipulating Parties agree to support this
3 Partial Stipulation throughout this proceeding and any appeal, provide witnesses to sponsor
4 this Partial Stipulation at the hearing, and recommend that the Commission issue an order
5 adopting the settlements contained herein. The Stipulating Parties also agree to cooperate in
6 drafting and submitting joint testimony or a brief in support of the Partial Stipulation in
7 accordance with OAR 860-001-0350(7).

8 32. If this Partial Stipulation is challenged, the Stipulating Parties agree that they
9 will continue to support the Commission's adoption of the terms of this Partial Stipulation.
10 The Stipulating Parties agree to cooperate in cross-examination and put on such a case as they
11 deem appropriate to respond fully to the issues presented, which may include raising issues
12 that are incorporated in the settlements embodied in this Partial Stipulation.

13 33. The Stipulating Parties have negotiated this Stipulation as an integrated
14 document. If the Commission rejects all or any material part of this Partial Stipulation or adds
15 any material condition to any final order that is not consistent with this Partial Stipulation,
16 each Stipulating Party reserves its right, pursuant to OAR 860-001-0350(9), to present
17 evidence and argument on the record in support of the Partial Stipulation or to withdraw from
18 the Stipulation. To withdraw from the Partial Stipulation, a Stipulating Party must provide
19 written notice to the Commission and other Stipulating Parties within five days of service of
20 the final order rejecting, modifying, or conditioning this Partial Stipulation. Stipulating
21 Parties shall be entitled to seek rehearing or reconsideration pursuant to OAR 860-001-0720
22 in any manner that is consistent with the agreement embodied in this Stipulation.

23 34. By entering into this Partial Stipulation, no Stipulating Party shall be deemed to
24 have approved, admitted, or consented to the facts, principles, methods, or theories employed
25 by any other Stipulating Party in arriving at the terms of this Partial Stipulation, other than
26 those specifically identified in the body of this Partial Stipulation. No Stipulating Party shall

1 be deemed to have agreed that any provision of this Stipulation is appropriate for resolving
2 issues in any other proceeding, except as specifically identified in this Partial Stipulation.

3 35. This Partial Stipulation is not enforceable by any Stipulating Party unless and
4 until adopted by the Commission in a final order. Each signatory to this Partial Stipulation
5 acknowledges that they are signing this Partial Stipulation in good faith and that they intend
6 to abide by the terms of this Partial Stipulation unless and until the Partial Stipulation is
7 rejected or adopted only in part by the Commission. The Stipulating Parties agree that the
8 Commission has exclusive jurisdiction to enforce or modify the Partial Stipulation.

9 36. This Partial Stipulation may be executed in counterparts and each signed
10 counterpart shall constitute an original document.

11 37. This Partial Stipulation is entered into by each Stipulating Party on the date
12 entered below such Stipulating Party's signature.

STAFF

PACIFICORP

By: 

By: _____

Date: 7/23/18

Date: _____

ALLIANCE OF WESTERN ENERGY CONSUMERS

OREGON CITIZENS' UTILITY BOARD

By: _____

By: _____

Date: _____

Date: _____

CALPINE ENERGY SOLUTIONS LLC

By: _____

Date: _____

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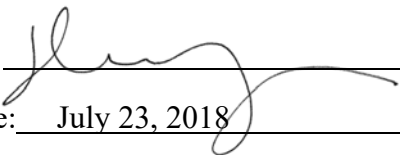
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STAFF

By: _____

Date: _____

PACIFICORP

By:  _____

Date: July 23, 2018 _____

**ALLIANCE OF WESTERN ENERGY
CONSUMERS**

By: _____

Date: _____

**OREGON CITIZENS' UTILITY
BOARD**

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Date: _____

CALPINE ENERGY SOLUTIONS LLC

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**OREGON CITIZENS' UTILITY
BOARD**

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**ALLIANCE OF WESTERN ENERGY
CONSUMERS**

By: _____

Date: _____

**OREGON CITIZENS' UTILITY
BOARD**

By: _____

Date: _____

CALPINE ENERGY SOLUTIONS LLC

By:  _____

Date: 7-23-18

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 339

Exhibit 1

Accompanying Stipulation

July 23, 2018

PacifiCorp
CY 2019 TAM
Initial Filing with Settlement

Line no	ACCT.	Total Company			Factor	Factors CY 2018	Factors CY 2019	Oregon Allocated			
		UE-323 CY 2018 - Final Update	TAM CY 2019 - Initial Filing	TAM CY 2019 - Initial Filing w/ Settlement				UE-323 CY 2018 - Final Update	TAM CY 2019 - Initial Filing	TAM CY 2019 - Initial Filing w/ Settlement	
1		Sales for Resale									
2	447	14,589,272	8,142,702	8,142,702	SG	25.741%	26.725%	3,755,357	2,176,121	2,176,121	
3	447	-	-	-	SG	25.741%	26.725%	-	-	-	
4	447	416,976,550	315,490,543	316,265,558	SG	25.741%	26.725%	107,332,001	84,314,241	84,521,362	
5	447	-	-	-	SE	24.186%	25.322%	-	-	-	
6		431,565,821	323,633,245	324,408,260				111,087,358	86,490,363	86,697,484	
7											
8		Purchased Power									
9	555	4,627,573	3,365,936	3,365,936	SG	25.741%	26.725%	1,191,162	899,540	899,540	
10	555	23,836,008	2,756,828	2,756,828	SG	25.741%	26.725%	6,135,516	736,757	736,757	
11	555	30,516,365	17,869,545	17,869,545	SE	24.186%	25.322%	7,380,840	4,524,997	4,524,997	
12	555	635,614,579	609,731,622	596,489,901	SG	25.741%	26.725%	163,610,602	162,949,604	159,410,779	
13	555	-	-	-	SE	24.186%	25.322%	-	-	-	
14	555	7,552,475	7,091,901	7,124,313	SG	25.741%	26.725%	1,944,047	1,895,297	1,903,959	
15		702,146,999	640,815,832	627,606,523				180,262,168	171,006,195	167,476,032	
16											
17		Wheeling Expense									
18	565	21,359,209	22,380,362	22,380,362	SG	25.741%	26.725%	5,497,975	5,981,109	5,981,109	
19	565	-	-	-	SG	25.741%	26.725%	-	-	-	
20	565	117,589,895	109,568,290	109,569,174	SG	25.741%	26.725%	30,268,270	29,281,915	29,282,151	
21	565	6,273,914	4,447,418	4,447,418	SE	24.186%	25.322%	1,517,440	1,126,193	1,126,193	
22		145,223,018	136,396,070	136,396,954				37,283,685	36,389,216	36,389,453	
23											
24		Fuel Expense									
25	501	753,810,234	676,667,893	671,926,269	SE	24.186%	25.322%	182,320,284	171,348,518	170,147,825	
26	501	55,637,424	40,869,237	40,780,754	SE	24.186%	25.322%	13,456,743	10,349,070	10,326,664	
27	501	3,252,700	4,631,939	4,632,077	SE	24.186%	25.322%	786,714	1,172,918	1,172,953	
28	547	247,372,678	317,504,511	317,339,160	SE	24.186%	25.322%	59,830,783	80,399,747	80,357,876	
29	547	2,439,959	3,718,622	3,718,646	SE	24.186%	25.322%	590,141	941,644	941,650	
30	503	5,000,414	4,484,552	4,484,552	SE	24.186%	25.322%	1,209,425	1,135,596	1,135,596	
31		1,067,513,408	1,047,876,754	1,042,881,457				258,194,090	265,347,493	264,082,564	
32											
33		TAM Settlement Adjustment**	-	-	(545,317)	As Settled		-	-	(141,911)	
34											
35		1,483,317,604	1,501,455,411	1,481,931,357				364,652,585	386,252,542	381,108,654	
36											
37		Oregon Situs NPC Adjustments	647,742	645,737	645,737	OR	100.000%	100.000%	647,742	645,737	645,737
38		Total NPC Net of Adjustments	1,483,965,346	1,502,101,148	1,482,577,094			365,300,327	386,898,278	381,754,391	
39											
40		Non-NPC EIM Costs*	4,944,640	3,414,924	3,414,924	SG	25.741%	26.725%	1,272,777	912,632	912,632
41		Production Tax Credit (PTC)	(66,634,263)	(22,247,375)	(47,301,476)	SG	25.741%	26.725%	(17,152,017)	(5,945,568)	(12,641,228)
42		Total TAM Net of Adjustments	1,422,275,724	1,483,268,697	1,438,690,543			349,421,087	381,865,342	370,025,795	
43											
44								Increase Absent Load Change	32,444,255	20,604,707	
45											
46								Oregon-allocated NPC (incl. PTC) Baseline in Rates from UE-323	\$349,421,087		
47								\$ Change due to load variance from UE-323 forecast	15,549,436		
48								2019 Recovery of NPC (incl. PTC) in Rates	\$364,970,523		
49		*EIM Benefits for the 2019 TAM are reflected in net power costs									
50		**TAM Settlement UE 339 - Partial Stipulation agreed to decrease Oregon-allocated NPC by \$141,911						Increase Including Load Change	16,894,819	5,055,271	
51											
52								Add Other Revenue Change	(28,433)	(28,433)	
53											
54								Total TAM Increase/Decrease	\$ 16,866,386	\$ 5,026,839	

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 339

Exhibit 2

Accompanying Stipulation

July 23, 2018

TAM

PACIFIC POWER
 ESTIMATED EFFECT OF PROPOSED PRICE CHANGE
 ON REVENUES FROM ELECTRIC SALES TO ULTIMATE CONSUMERS
 DISTRIBUTED BY RATE SCHEDULES IN OREGON
 FORECAST 12 MONTHS ENDING DECEMBER 31, 2019

Line No.	Description	Sch No.	No. of Cust	MWh	Present Revenues (\$000)			Proposed Revenues (\$000)			Change				Line No.				
					Base Rates	Adders ¹	Net Rates	Base Rates	Adders ¹	Net Rates	Base Rates (\$000)	% ²	Net Rates (\$000)	% ²					
					(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)					
					(5) + (6)			(8) + (9)			(8) - (5)	(11)/(5)	(10) - (7)	(13)/(7)					
Residential																			
1	Residential	4	506,345	5,401,764	\$623,235	\$5,942	\$629,177	\$625,377	\$5,942	\$631,319	\$2,142	0.3%	\$2,142	0.3%	1				
2	Total Residential		506,345	5,401,764	\$623,235	\$5,942	\$629,177	\$625,377	\$5,942	\$631,319	\$2,142	0.3%	\$2,142	0.3%	2				
Commercial & Industrial																			
3	Gen. Svc. < 31 kW	23	80,663	1,139,223	\$126,505	\$5,296	\$131,801	\$126,947	\$5,296	\$132,243	\$442	0.4%	\$442	0.3%	3				
4	Gen. Svc. 31 - 200 kW	28	10,452	1,972,036	\$181,441	\$3,372	\$184,813	\$182,218	\$3,372	\$185,590	\$777	0.4%	\$777	0.4%	4				
5	Gen. Svc. 201 - 999 kW	30	866	1,328,571	\$108,451	\$1,276	\$109,727	\$108,941	\$1,276	\$110,217	\$490	0.5%	\$490	0.5%	5				
6	Large General Service >= 1,000 kW	48	195	3,221,037	\$226,897	(\$9,525)	\$217,372	\$227,988	(\$9,525)	\$218,463	\$1,091	0.5%	\$1,091	0.5%	6				
7	Partial Req. Svc. >= 1,000 kW	47	6	49,859	\$5,617	(\$152)	\$5,465	\$5,633	(\$152)	\$5,481	\$16	0.5%	\$16	0.5%	7				
8	Agricultural Pumping Service	41	7,982	222,624	\$25,979	(\$1,219)	\$24,760	\$26,064	(\$1,219)	\$24,845	\$85	0.3%	\$85	0.3%	8				
9	Total Commercial & Industrial		100,164	7,933,350	\$674,890	(\$952)	\$673,938	\$677,791	(\$952)	\$676,839	\$2,901	0.4%	\$2,901	0.4%	9				
Lighting																			
10	Outdoor Area Lighting Service	15	6,305	9,058	\$1,167	\$216	\$1,383	\$1,170	\$216	\$1,386	\$3	0.3%	\$3	0.2%	10				
11	Street Lighting Service	50	225	7,713	\$861	\$169	\$1,030	\$863	\$169	\$1,032	\$2	0.2%	\$2	0.2%	11				
12	Street Lighting Service HPS	51	815	19,940	\$3,514	\$723	\$4,237	\$3,522	\$723	\$4,245	\$8	0.2%	\$8	0.2%	12				
13	Street Lighting Service	52	35	404	\$53	\$9	\$62	\$53	\$9	\$62	\$0	0.0%	\$0	0.0%	13				
14	Street Lighting Service	53	273	9,678	\$611	\$121	\$732	\$612	\$121	\$733	\$1	0.2%	\$1	0.1%	14				
15	Recreational Field Lighting	54	104	1,345	\$112	\$21	\$133	\$112	\$21	\$133	\$0	0.0%	\$0	0.0%	15				
16	Total Public Street Lighting		7,757	48,138	\$6,318	\$1,259	\$7,577	\$6,332	\$1,259	\$7,591	\$14	0.2%	\$14	0.2%	16				
17	Total Sales before Emp. Disc. & AGA		614,266	13,383,252	\$1,304,443	\$6,249	\$1,310,692	\$1,309,500	\$6,249	\$1,315,749	\$5,057	0.4%	\$5,057	0.4%	17				
18	Employee Discount				(\$484)	(\$4)	(\$488)	(\$486)	(\$4)	(\$490)	(\$2)		(\$2)		18				
19	Total Sales with Emp. Disc		614,266	13,383,252	\$1,303,959	\$6,245	\$1,310,204	\$1,309,014	\$6,245	\$1,315,259	\$5,055	0.4%	\$5,055	0.4%	19				
20	AGA Revenue				\$2,439		\$2,439	\$2,439		\$2,439	\$0		\$0		20				
21	Total Sales		614,266	13,383,252	\$1,306,398	\$6,245	\$1,312,643	\$1,311,453	\$6,245	\$1,317,698	\$5,055	0.4%	\$5,055	0.4%	21				

¹ Excludes effects of the Low Income Bill Payment Assistance Charge (Sch. 91), BPA Credit (Sch. 98), Klamath Dam Removal Surcharges (Sch. 199), Public Purpose Charge (Sch. 290) and Energy Conservation Charge (Sch. 297).

² Percentages shown for Schedules 48 and 47 reflect the combined rate change for both schedules

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 339

Exhibit 3

Accompanying Stipulation

July 23, 2018

Oregon TAM 2019 (March 2018 Initial Filing)	NPC (\$) =	1,501,455,411
	\$/MWh =	25.46

	Impact (\$) Oregon Allocated Basis	NPC (\$) Total Company
Settlement Adjustments		
S01 - Wind Capacity Factor 50/50 (P50-Actuals)	(634,314)	
S02 - Wind Repower	(894,585)	
S03 - Settlement Adjustment	(141,911)	
S04 - Hunter Coal	(895,517)	
S05 - EIM Benefit	(2,525,453)	
Total Settlement Adjustments to NPC =	(5,091,781)	
Total Change from March 2018 Initial Filing		(19,524,054)
Oregon TAM 2019 (July 2018 Settlement)	NPC (\$) =	1,481,931,357
	\$/MWh =	25.13

	Impact (\$) Oregon Allocated Basis	
Non-NPC Settlement Adjustments		
PTC Rate Inflator	(505,649)	
PTC Impact of Repowering and Wind Capacity Factors	(6,695,660)	
Total Non-NPC Settlement Adjustments =	(7,201,309)	