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March 14, 2019

Public Utility Commission of Oregon  
Filing Center  
201 High Street SE, Suite 100  
P.O. Box 1088  
Salem, Oregon 97301

RE: Tariff Advice No. 19-03  
Modifications to Schedule 92, Boardman Operating Life Adjustment

Attention Filing Center:

As set forth in OAR 860-022-0025, Idaho Power Company (“Idaho Power” or “Company”) herewith transmits for filing revisions to Schedule 92, Boardman Operating Life Adjustment, (“Schedule 92”) with a requested effective date of June 1, 2019. Pursuant to Order No. 12-235 and Advice No. 17-04, Idaho Power has completed its annual update to the Boardman Power Plant (“Boardman”) incremental revenue requirement for 2018. Schedule 92 is an automatic adjustment clause (“AAC”) as defined by ORS 757.210(1). The purpose of this filing is to provide the Public Utility Commission of Oregon (“Commission”) with a description of adjustments made to the incremental recovery amount approved in Order No. 12-235. As detailed below, the only change Idaho Power is requesting in this filing is an update to the sales forecast used to set rates, resulting in an overall increase of \$2,035 on an Oregon jurisdictional basis, or 0.004 percent.

### **Background**

On September 26, 2011, Idaho Power filed an application with the Commission requesting approval of the establishment of Schedule 92, the balancing account whereby incremental costs and benefits associated with the shutdown of Boardman will be tracked and recovered from Oregon customers (Docket No. UE 239). In June 2012, the Commission issued Order No. 12-235 approving the Company’s proposed balancing account and method for recovering costs associated with the early shutdown of Boardman. The approved balancing account tracks costs associated with (1) the accelerated depreciation of existing Boardman investments and (2) decommissioning costs related to the Boardman shutdown. The Commission approved the recovery of these incremental costs through Schedule 92, smoothing revenue requirement impacts of the early Boardman retirement over the remaining years of the plant’s life and allowing for full recovery of Boardman-related costs by Boardman’s life end. With the order, the Company’s Oregon jurisdictional revenue requirement increased by \$107,223 effective July 1, 2012.

On November 4, 2014, the Commission approved an application by Portland General Electric (“PGE”) and Idaho Power for the sale of the ownership interest in a portion of certain facilities at Boardman pursuant to an Asset Purchase Agreement (“APA”) between the parties. The APA provided for the conveyance and sale from Idaho Power to PGE of a partial interest in certain Boardman components and common facilities necessary or convenient to the operation of PGE’s Carty Generation Station, collectively referred to as “Shared Facilities”. The net book value associated with the APA for the purchase of Shared Facilities at Boardman was \$356,145 while the purchase price was \$620,205, resulting in a gain of \$264,060 on a total system basis of which \$11,500 is allocable to Oregon. Staff agreed with the Company that Schedule 92 is the appropriate mechanism for providing the gain to customers. Therefore, in its 2015 update, the Company computed the annual credit to customers by converting the gain into an annuity or level payment stream over the remaining life of the plant, at that time six years. The Oregon jurisdictional portion of this levelized payment was \$2,290 and serves as an offset to the annual revenue requirement impact to customers.

On March 17, 2017, Idaho Power filed Advice No. 17-04, the Company’s annual update to Schedule 92 for 2016. The request included the tracking of monthly deviations between forecast revenue collection and actual revenue collection for the 2016 calendar year and an adjustment to the incremental revenue requirement for the overage, as committed to in Docket No. UE 239. To alleviate Staff’s concerns, the Company revised its request removing the true-up component of the revenue requirement calculation and added language to Schedule 92 clarifying that it is an AAC as defined by ORS 757.210(1).

### **The Incremental Revenue Requirement Calculation**

The revenue requirement calculation approved by Order No. 12-235 includes the costs of accelerating the depreciation of the Boardman plant items and the decommissioning costs associated with the shutdown of Boardman. The calculation includes the incremental change in depreciation expense and associated reserve resulting from the acceleration of depreciation of the Boardman plant accounts. It also includes decommissioning and salvage costs that are “levelized” by calculating the present value of each of the individual items and converting the values into an annuity or level payment stream from customers over the remaining life of Boardman. The annuity recognizes the time value of dollars collected from customers for future costs.

Revenue Requirement on Boardman Investments. As part of the Settlement Agreement approved in Docket No. UE 239, Idaho Power agreed that costs associated with investments made at Boardman after December 31, 2011, or after the Company’s last general rate case approving Boardman-related plant in service, will not be added to the balancing account until approval has been received in future ratemaking proceedings. Idaho Power has not received approval of investments made at Boardman after December 31, 2011, in a separate ratemaking proceeding, and therefore, no updates to the accelerated depreciation of the Boardman plant investments have been made.

Revenue Requirement on Decommissioning and Salvage Costs. Idaho Power's initial estimate of the decommissioning and salvage costs was determined by applying the Company's 10 percent ownership percentage to the decommissioning study performed by Black & Veatch for PGE and completed in 2011. In 2015, PGE contracted with CH2M Hill to prepare a decommissioning, demolition, and final closure plan for Boardman. The focus of the new plan was to provide planning guidance, rather than detailed cost estimates. Although the plan did not provide updated cost estimates, through the work with CH2M Hill, PGE identified three decommissioning cost elements that could be updated: (1) elimination of the Carty reservoir removal costs as the site will remain, (2) transmission assets that will not need to be removed, and (3) the Tower Road extension costs will no longer be incurred. Therefore, in its 2017 filing, Idaho Power updated the decommissioning costs and expected salvage, resulting in a decrease of approximately \$785,000 in Idaho Power's share of the costs, or reduction to the levelized revenue requirement calculation of \$2,922 on an Oregon jurisdictional basis.

In 2018, PGE issued a request for proposal seeking an Owner's Engineer to complete design and permitting work in preparation for decommissioning activities, including capping the ash disposal area, demolishing structures at Boardman (i.e., coal handling systems), remediating the coal yard, and other selective demolition work across the site (i.e., support buildings, features supporting coal, coal handling, and coal ash handling). With the results, PGE anticipates completing an updated decommissioning cost estimate study later in 2019. Therefore, Idaho Power has not updated the decommissioning and salvage cost estimate at this time.

Revenue Requirement and Tax Reform. Idaho Power's income tax expenses and deferred tax liabilities included in the Boardman levelized revenue requirement amounts and included in customer rates, were calculated in accordance with the Internal Revenue Code of 1986. The U.S. Tax Cuts and Jobs Act ("Tax Act"), signed into law on December 22, 2017, amends sections of the 1986 code, most notably the reduction in the federal corporate income tax rate from 35 percent to 21 percent. All changes to the Boardman levelized revenue requirement resulting from provisions of the Tax Act were calculated and determined in Docket No. UM 1928, Idaho Power's application for deferred accounting as a result of the Tax Act, per the terms of the settlement stipulation approved in that case.<sup>1</sup> Therefore, impacts of the Tax Act are not reflected in the Boardman AAC, as these benefits were already captured in the revenue requirement amounts approved in Docket No. UM 1928.

### **Request**

The Company is not proposing changes to the Oregon jurisdictional incremental revenue requirement of \$107,223 approved in Docket No. UE 239 except to reflect the net of the gain associated with the sale of the Shared Facilities (approved in 2015) and the updated net decommissioning costs (approved in 2017), resulting in a total reduction in revenue collections associated with the calendar year 2018 of \$5,212 ( $(\$2,290) + (\$2,922) = (\$5,212)$ ). This brings in a total Oregon jurisdictional incremental revenue requirement collected through

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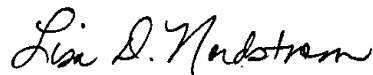
<sup>1</sup> Re: *Idaho Power Company's Application for Deferred Accounting of Earnings Related to the U.S. Tax Cuts and Jobs Act*, Docket UM 1928, Order No. 18-199 (May 30, 2018).

Public Utility Commission of Oregon  
Filing Center  
March 14, 2019  
Page 4

Schedule 92 of \$102,011, the same amount recovered from customers over the previous 12-month period. Therefore, the only change to rates from the current year's filing is the result of using an updated sales forecast for the June 1, 2019, to May 31, 2020, time period, which equates to an overall increase of \$2,035, or 0.004 percent, for the Company's approximately 19,000 Oregon customers. Idaho Power respectfully requests that the attached revised Schedule 92 become effective June 1, 2019.

If you have any questions regarding this filing, please call Senior Regulatory Analyst Courtney Waites at (208) 388-5612.

Sincerely,



Lisa D. Nordstrom  
Lead Counsel  
OSB# 973528

LDN:kkt  
Enclosures

SCHEDULE 92  
BOARDMAN OPERATING LIFE ADJUSTMENT

PURPOSE

To recover from Customers the revenue requirement impact of the incremental costs and benefits associated with the shutdown of the Boardman power plant. This schedule is an “automatic adjustment clause” as defined in ORS 757.210(1).

APPLICABILITY

This Schedule is applicable to all retail Customers served under the Company’s schedules and special contracts.

ADJUSTMENT RATE

The Adjustment Rate is:

<u>Schedule</u>	<u>Description</u>	<u>Adjustment Rate</u>
1	Residential Service	0.0148¢ per kWh
7	Small General Service	0.0148¢ per kWh
9-S	Large General Service (Secondary)	0.0148¢ per kWh
9-P	Large General Service (Primary)	0.0148¢ per kWh
9-T	Large General Service (Transmission)	0.0148¢ per kWh
15	Dusk to Dawn Lighting	0.0148¢ per kWh
19-S	Large Power Service (Secondary)	0.0148¢ per kWh
19-P	Large Power Service (Primary)	0.0148¢ per kWh
19-T	Large Power Service (Transmission)	0.0148¢ per kWh
24-S	Irrigation Service (Secondary)	0.0148¢ per kWh
24-T	Irrigation Service (Transmission)	0.0148¢ per kWh
40	Unmetered General Service	0.0148¢ per kWh
41	Municipal Street Lighting	0.0148¢ per kWh
42	Traffic Control Lighting	0.0148¢ per kWh

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# Levelized Revenue Requirement for the Boardman Plant Early Shut-Down

*at December 31, 2012*

<b>Decommissioning Costs and Expected Salvage</b>	<b>2020 Costs</b>	<b>Payment</b>	<b>Oregon</b>
Decommissioning Costs (Estimated in 2020 dollars)	7,783,747	674,788	28,959
Expected Salvage (Estimated in 2020 dollars)	(1,774,700)	(153,852)	(6,603)
Net:	6,009,047	520,936	22,356
Sale of Shared Facilities Gain	(264,060)	(53,334)	(2,290)
<b>Depr Expense (decommissioning costs):</b>			22,356
<b>Incremental Depreciation:</b>			78,146
<b>Incremental Reserve:</b>			(39,073)
			61,429
<b>Shared Facilities Agreement:</b>			(2,290)
<b>Incremental decommissioning costs:</b>			(2,922)
<b>Current Year Change:</b>			(5,212)

**Jurisdictionalizing based on Oregon GRC Stipulated JSS**

<b>Category</b>	<b>Description</b>	System	Oregon
302	Franchises & Consents	5,989,293	257,033
310	Land & Land Rights	519,842,152	22,434,460
311	Structures & Improvements	519,842,152	22,434,460
312	Boiler Plant equipment	519,842,152	22,434,460
314	Turbogenerator Units	519,842,152	22,434,460
315	Accessory Electric Equipment	519,842,152	22,434,460
316	Misc Power Plant Equip	519,842,152	22,434,460
353	Station Equipment	98,470,979	4,276,467
391	Office Furniture & Equip	26,377,691	1,127,233
394	Tools, Shop, Garage Equip	2,571,914	109,909
395	Laboratory Equip	5,854,408	250,184
397	Communication Equip	16,447,798	702,885

<b>Category</b>	<b>Description</b>	System	Oregon
302	Franchises & Consents	100.00%	4.29%
310	Land & Land Rights	100.00%	4.32%
311	Structures & Improvements	100.00%	4.32%
312	Boiler Plant equipment	100.00%	4.32%
314	Turbogenerator Units	100.00%	4.32%
315	Accessory Electric Equipment	100.00%	4.32%
316	Misc Power Plant Equip	100.00%	4.32%
353	Station Equipment	100.00%	4.34%
391	Office Furniture & Equip	100.00%	4.27%
394	Tools, Shop, Garage Equip	100.00%	4.27%
395	Laboratory Equip	100.00%	4.27%
397	Communication Equip	100.00%	4.27%
P101P	PLANT - PROD,TRANS,DIST&GEN	100.00%	4.29%

**Idaho Power Company  
Conventional Ownership Cost  
Boardman 2012 Investment**

**Assumptions**

Description	<u>Amount</u>
Financing:	
<u>Composition</u>	
Debt	50.100%
Preferred	0.000%
Common	49.900%
Total	<u>100.000%</u>
<u>Cost</u>	
Debt	5.623%
Preferred	0.000%
Common	9.900%
Ave Cost	<u>7.757%</u>
Discount Rate (AKA WACC)	6.656%
Discount Delay	0.5
Rate Base toggle (0=ave,1=beg,2	-
MEMO: Pretax Rate Req	10.9289%
Taxes	
Tax Life	9
Month (RI Prop)	6
DRDB Rate	200%
Composite Rate	39.10%
Deferred Rate	35.00%
Use Valuation tax calcs? (1=yes,0	0



**Idaho Power Company  
Calculation of Revenue Impact  
State of Oregon  
Boardman Operating Life Adjustment  
Effective June 1, 2019**

**Summary of Revenue Impact  
Current Billed Revenue to Proposed Billed Revenue**

Line No	Tariff Description	Rate Sch. No.	Average Number of Customers	Normalized Energy (kWh)	Current Billed Revenue	Mills Per kWh	Total Adjustments to Billed Revenue	Proposed Total Billed Revenue	Mills Per kWh	Percent Change Billed to Billed Revenue
<u>Uniform Tariff Rates:</u>										
1	Residential Service	1	13,373	182,860,882	\$17,866,726	97.71	\$542	\$17,867,267	97.71	0.003%
2	Small General Service	7	2,597	18,577,243	\$2,011,112	108.26	\$55	\$2,011,167	108.26	0.003%
3	Large General Service	9	958	135,906,122	\$10,798,434	79.46	\$402	\$10,798,836	79.46	0.004%
4	Dusk to Dawn Lighting	15	0	432,863	\$108,094	249.72	\$1	\$108,095	249.72	0.001%
5	Large Power Service	19	7	280,928,293	\$17,621,246	62.73	\$832	\$17,622,078	62.73	0.005%
6	Agricultural Irrigation Service	24	2,025	67,579,536	\$6,797,706	100.59	\$200	\$6,797,906	100.59	0.003%
7	Unmetered General Service	40	2	5,388	\$392	72.74	\$0	\$392	72.74	0.004%
8	Street Lighting	41	26	890,836	\$144,419	162.12	\$3	\$144,422	162.12	0.002%
9	Traffic Control Lighting	42	8	22,402	\$2,161	96.48	\$0	\$2,161	96.48	0.003%
10	Total Uniform Tariffs		18,996	687,203,565	\$55,350,290	80.54	\$2,035	\$55,352,325	80.55	0.004%
11	Total Oregon Retail Sales		18,996	687,203,565	\$55,350,290	80.54	\$2,035	\$55,352,325	80.55	0.004%

(1) Updated June 2019-May 2020 Test Year

(1) Updated June 2019 - May 2020 Test Year

**Idaho Power Company**  
**Calculation of Revenue Impact**  
**State of Oregon**  
**Boardman Operating Life Adjustment**  
**Effective June 1, 2019**

**Summary of Revenue Impact - Rates 9, 19, and 24 Distribution Level Detail**  
**Current Billed Revenue to Proposed Billed Revenue**

Line No	Tariff Description	Rate Sch. No.	Average Number of Customers	Normalized Energy (kWh)	Current Billed Revenue	Mills Per kWh	Total Adjustments to Billed Revenue	Proposed Total Billed Revenue	Mills Per kWh	Percent Change Billed to Billed Revenue
<u>Uniform Tariff Rates:</u>										
1	Large General Secondary	9S	952	117,685,671	\$9,493,091	80.66	\$349	\$9,493,439	80.67	0.00%
2	Large General Primary	9P	5	15,372,234	\$1,114,506	72.50	\$46	\$1,114,551	72.50	0.00%
3	Large General Transmission	9T	1	2,848,217	\$190,837	67.00	\$8	\$190,846	67.01	0.00%
4	Total Schedule 9		958	135,906,122	\$10,798,434	79.46	\$402	\$10,798,836	79.46	0.00%
5	Large Power Secondary	19S	0	0	\$0	0.00	\$0	\$0	0.00	0.00%
6	Large Power Primary	19P	6	168,443,209	\$10,871,795	64.54	\$499	\$10,872,294	64.55	0.00%
7	Large Power Transmission	19T	1	112,485,084	\$6,749,451	60.00	\$333	\$6,749,784	60.01	0.00%
8	Total Schedule 19		7	280,928,293	\$17,621,246	62.73	\$832	\$17,622,078	62.73	0.00%
9	Irrigation Secondary	24S	2,025	67,579,536	\$6,797,706	100.59	\$200	\$6,797,906	100.59	0.00%
10	Irrigation Transmission	24T	0	0	\$0	0.00	\$0	\$0	0.00	0.00%
11	Total Schedule 24		2,025	67,579,536	\$6,797,706	100.59	\$200	\$6,797,906	100.59	0.00%

