



April 15, 2020

VIA ELECTRONIC FILING

Public Utility Commission of Oregon Filing Center P.O. Box 1088 201 High Street SE, Suite 100 Salem, Oregon 97308-1088

Re: Docket No. UE 376 – Idaho Power Company's 2019 Annual Power Supply Expense True-Up.

Attention Filing Center:

Attached for filing in the above-referenced docket is a copy of Idaho Power Company's Supplemental Direct Testimony and Exhibits of Courtney Waites (Idaho Power/200-204).

Please contact this office with any questions.

Sincerely,

/s/ Alisha Till

Alisha Till Paralegal

Attachments

Idaho Power/200 Witness: Courtney Waites

BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON

DOCKET NO. UE 376

IN THE MATTER OF THE APPLICATION)
OF IDAHO POWER COMPANY FOR)
AMORTIZATION IN RATES OF THE POWER)
COST ADJUSTMENT MECHANISM,)
INTERVENOR FUNDING AMOUNTS, AND)
ENERGY IMBALANCE MARKET START-UP)
EXPENSES.	

IDAHO POWER COMPANY
SUPPLEMENTAL DIRECT TESTIMONY
OF
COURTNEY WAITES

April 15, 2020

- 1 Q. Please state your name and business address.
- A. My name is Courtney Waites. My business address is 1221 West Idaho Street, Boise,
 Idaho 83702.
 - Q. Are you the same Courtney Waites that previously filed direct testimony in this matter?
- 6 A. Yes.

- 7 | Q. What is the scope and purpose of your supplemental direct testimony?
 - A. My supplemental direct testimony will revise the calculation of the Annual Power Supply Expense True-up with use of the 2019 Oregon Results of Operations ("ROO") report to determine the deferral deadbands and the Oregon allocation percentage. However, as I will show later in my testimony, neither of these revisions will change the zero deferral amount Idaho Power Company ("Idaho Power" or "Company") previously proposed be added to the Annual Power Supply Expense True-Up Balancing Account ("True-Up Balancing Account"). With this testimony I am also filing revised Exhibit Nos. 201, 202, 203, and 204.
 - Q. Please explain the revision to the calculation of the Annual Power Supply Expense True-Up you are making.
 - A. Order No. 09-373 clarifies which year's ROO should be relied upon in calculating the deferral deadbands and the Earnings Test components of the Power Cost Adjustment Mechanism ("PCAM"). As directed in Order No. 09-373, Idaho Power's initial February filing included the quantification of the dollar balance proposed to be added to the True-Up Balancing Account based on the 2018 ROO. The results represented a preliminary estimate at the time, with this final determination being filed now that the 2019 ROO has been completed.
 - Q. What are the power supply expense deadbands based on the 2019 ROO?

- A. Using the Company's authorized Return on Equity in effect in 2019 and the Company's 2019 Oregon rate base of \$143,409,790, the Upper Deadband of 250 basis points equals \$2,672,533 and the Lower Deadband of 125 Basis Points equals a negative \$1,336,267 (please see Exhibit No. 202).
 - Q. Does the use of the 2019 ROO impact any other areas of the initial filing?
 - A. Yes. In addition to changing the deadbands, the 2019 ROO computes the Oregon allocation percentage used to calculate Oregon's share of the excess net power supply expenses and customer benefits from the sale of Renewable Energy Credits ("REC"). Exhibit No. 201, the Oregon PCAM quantification for 2019, reflects the revised deadbands and the revised Oregon allocation percentage. In addition, using the Oregon allocation percentage of 4.53 percent from the 2019 ROO, which was 4.63 percent in the 2018 ROO, slightly decreases the total customer benefit of REC sales to \$234,709 (please see Exhibit No. 203).
 - Q. How do the supplemental computations you describe above impact the amount you proposed be added to the True-up Balancing Account?
 - A. Applying the updated Oregon allocation percentage of 4.53 percent to the power cost deviation creates an Oregon Allocated Power Cost Deviation of negative \$689,698.67 which is greater than the Lower Deadband of negative \$1,336,267. Therefore, the dollar amount associated with the Annual Power Supply Expense True-Up to be considered to add to the True-Up Balancing Account is zero. However, the total customer benefit of REC sales will be added to the True-Up Balancing Account, slightly reducing the amount proposed to \$234,709.
 - Q. In your initial filing, an Earnings Test was not performed because the Company was not proposing any deferral amounts be added to the True-Up Balancing Account. Does the use of the 2019 ROO change the need for an Earnings Test?

A. No. Using the 2019 ROO still results in a zero deferral amount to be added to the True-Up Balancing Account and therefore does not require an Earnings Test to be performed.

Q. Will the change in the amount proposed to be added to the True-up Balancing Account affect the proposed Schedule 56 rate?

Yes. Although the 2019 ROO does not impact the updated level of amortization collection associated with intervenor funding amounts or deferred start-up expenses associated with Idaho Power's participation in the EIM initially proposed by the Company, the slight change in the total customer benefit of the REC sales and the update to the June 1, 2019, through May 31, 2020, test year forecast was enough to change the proposed Schedule 56 rate. The updated detailed calculations of the rate impact can be found in Exhibit No. 204. Table 1 summarizes the impact on the rates associated with Idaho Power's proposal.

Table 1

Customer Class	Current (cents per kWh)	Proposed (cents per kWh)
Residential service	0.0098	(0.0107)
All other	(0.0187)	(0.0308)

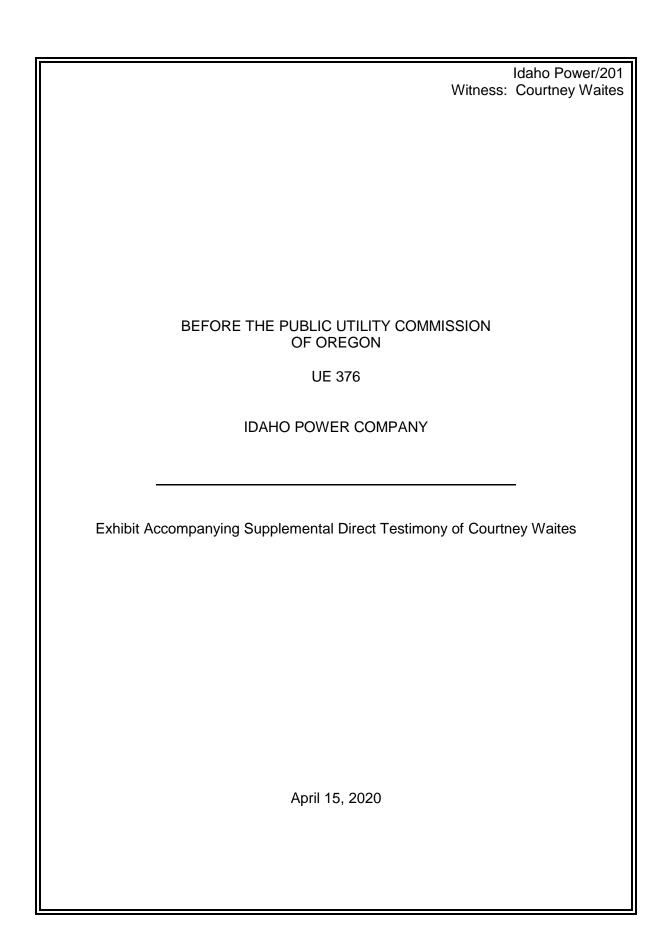
Q. Has Idaho Power updated Schedule 56 with the proposed rates?

A. Yes. Idaho Power is filing a proposed Schedule 56 reflecting the rates above concurrently as Advice No. 20-05.

Q. Does this conclude your testimony?

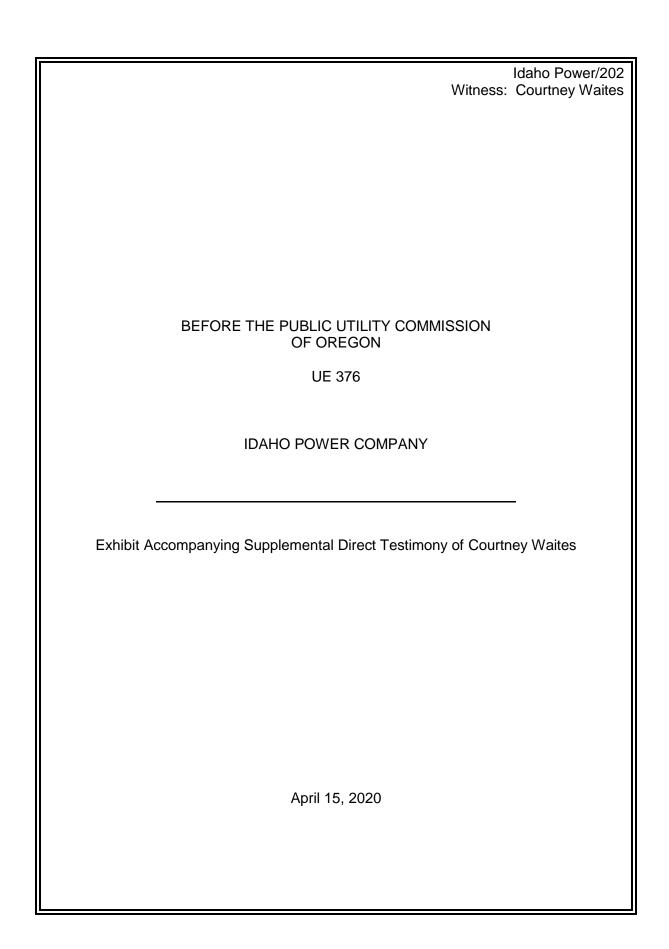
A. Yes, it does.

A.



OREGON PCAM (Schedule 56)		January	January YTD	February	February YTD	March	March YTD	April	April YTD	May	May YTD	June	June YTD
ACTUAL POWER COSTS										_		_	
ctual NPSE Costs													
Actual Sales - Includes Unbilled	MWh	1,214,558	1,214,558	1,089,565	2,304,123	1,066,911	3,371,034	958,297	4,329,331	1,098,732	5,428,063	1,351,482	6,779,54
Fuel	s	16.278.430.09	16.278.430.09	18,710,670,11	34.989.100.20	16,881,367.02	51.870.467.22	7.017.043.91	58.887.511.13	5.200.890.68	64.088.401.81	8.607.904.06	72.696.305.87
Purchased Power	Š	7.565.041.82	7.565.041.82	8.258.943.57	15.823.985.39	5.551.038.83	21.375.024.22	2.938.422.88	24.313.447.10	3.598.460.32	27.911.907.42	4.670.544.41	32.582.451.8
Oregon Solar Pilot		743.36	743.36	655.33	1,398,69	614.52	2.013.21	1,621,19	3,634,40	1.560.39	5.194.79	2.052.64	7.247.43
Surplus Sales	s	(3.417.237.93)	(3.417.237.93)	(22.872.937.54)	(26.290.175.47)	(23.643.568.71)	(49.933.744.18)	(9.042.970.90)	(58.976.715.08)	(3.198.100.10)	(62.174.815.18)	(4.330.434.90)	(66.505.250.0
Total Non-QF	Š	20.426.977.34	20.426.977.34	4.097.331.47	24,524,308,81	(1,210,548.34)	23.313.760.47	914,117,08	24,227,877,55	5.602.811.29	29.830.688.84	8,950,066,21	38.780.755.0
QF - Includes Net Metering and Liquidated Damages	Š	16.671.655.54	16.671.655.54	14.530.939.03	31,202,594,57	11.789.356.14	42,991,950,71	16.941.066.80	59.933.017.51	18.050.679.48	77.983.696.99	23.700.861.85	101.684.558.8
Total Actual Power Costs Incurred	Š	37.098.632.88	37.098.632.88	18.628.270.50	55,726,903,38	10.578.807.80	66.305.711.18	17.855.183.88	84,160,895,06	23.653.490.77	107.814.385.83	32,650,928,06	140.465.313.8
			0.100001000000	,,	00): 20)00000	,,		,,	0.11.001000000		,,		,
Actual Power Cost per Unit	\$/MWh	\$30.54	\$30.54	\$17.10	\$24,19	\$9.92	\$19.67	\$18.63	\$19.44	\$21.53	\$19.86	\$24.16	\$20.7
	4	400.04	400.04	V	024.10	40.02	\$10.01	\$10.00	V.0.44	\$21.00	\$15.55	Q2-1.10	V20
POWER COSTS COLLECTED IN RATES													
Actual Sales	MWh	1.214.558	1,214,558	1.089.565	2.304.123	1.066.911	3.371.034	958.297	4.329.331	1.098.732	5,428,063	1.351.482	6,779.54
Combined Rate (Recoverd in Rates)	\$/MWh	\$ 25.54	\$25.54	\$ 26.10	\$25.80	\$ 26.10	\$25,90	\$ 25.36	\$25.78	\$ 25.39	\$25.70	\$ 26.56	\$25.8
Total Power Costs Collected in Rates	S	31.019.811.32	31.019.811.32	28.437.646.50	59.457.457.82	27.846.377.10	87.303.834.92	24.302.411.92	111.606.246.84	27.896.805.48	139.503.052.32	35.895.361.92	175.398.414.2
									,				
CHANGE FROM FORECAST													
Actual Power Cost per Unit	\$/MWh	\$30.54	\$30.54	\$17.10	\$24.19	\$9.92	\$19.67	\$18.63	\$19.44	\$21.53	\$19.86	\$24.16	\$20.7
Combined Rate (Recoverd in Rates)	\$/MWh	\$25.54	\$25.54	\$26.10	\$25.80	\$26.10	\$25.90	\$25.36	\$25.78	\$25.39	\$25,70	\$26.56	\$25.8
Actual Increase (Decrease) Over Forecast Rate	\$/MWh	\$5.00	\$5.00	(\$9.00)	(\$1.62)	(\$16.18)	(\$6,23)	(\$6.73)	(\$6,34)	(\$3.86)	(\$5.84)	(\$2,40)	(\$5.1
Deviation from Forecast	S	6.078.821.56	6.078.821.56	(9.809.376.00)	(3.730.554.44)	(17.267.569.30)	(20.998.123.74)	(6.447.228.04)	(27,445,351,78)	(4,243,314.71)	(31.688.666.49)	(3.244.433.86)	(34.933.100.3
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Oregon Allocation	%		4,53%		4,53%		4.53%		4,53%		4.53%		4,53
Oregon Allocated Power Cost Deviation (before DB)	S		275.370.62		(168,994,12)		(951,215,01)		(1,243,274,44)		(1.435.496.59)		(1.582.469.4
,					(,		(,,		(1,214,21111)		(.,,		(
Deadband - Over 250 Basis Points	s		2.672.533.01		2.672.533.01		2.672.533.01		2.672.533.01		2.672.533.01		2,672,533,01
Deadband - Under 125 Basis Points	Š		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.5
			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(),,				.,,				. , , , , , , , ,
True-Up (+)	s		0.00		0.00		0.00		0.00		0.00		0.0
True-Up (-)	s		0.00		0.00		0.00		0.00		(99.230.09)		(246,202,9
OREGON DEFERRAL before sharing	s		0.00		0.00		0.00		0.00		(99.230.09)		(246,202.9
Portion of True-up Change Allowed	%		90%		90%		90%		90%		90%		90
OREGON DEFERRAL w/ SHARING (90/10)	\$		0.00		0.00		0.00		0.00		(89.307.08)		(221.582.65
nterest Rate	%		7.757%		7.757%		7.757%		7.757%		7.757%		7.757
nterest Accrued to date	\$										(1,443.24)		(4,297.0
otal Deferred Balance	S		-						-		(90,750,32)		(225.879.6

OREGON PCAM (Schedule 56)		July	July YTD	August	August YTD	September	September YTD	October	October YTD	November	November YTD	December	December YTD	Annual
ACTUAL POWER COSTS														
Actual NPSE Costs														
Actual Sales - Includes Unbilled	MWh	1,636,491	8,416,036	1,591,774	10,007,810	1,165,594	11,173,404	1,069,004	12,242,408	1,085,415	13,327,823	1,208,888	14,536,711	14,536,711
Fuel	s	15.954.351.83	88.650.657.70	18.918.359.80	107.569.017.50	12.007.830.48	119.576.847.98	10.784.498.64	130.361.346.62	12.378.199.59	142.739.546.21	14.132.561.75	156.872.107.96	156.872.107.96
Purchased Power	s	8.762.855.73	41.345.307.56	9.857.817.94	51,203,125,50	8.125.865.44	59.328.990.94	8.000.828.04	67.329.818.98	8.797.534.49	76.127.353.47	9.834.986.15	85.962.339.62	85.962.339.62
Oregon Solar Pilot		8.539.14	15,786,57	6.039.42	21.825.99	5,535,66	27.361.65	2.680.18	30.041.83	1.618.88	31,660,71	1.130.37	32,791.08	32,791.08
Surplus Sales	\$	(2.037.183.49)	(68.542.433.57)	(5.997.405.55)	(74,539,839.12)	(8.436.682.14)	(82.976.521.26)	(2.496.580.22)	(85,473,101,48)	(2.587.737.42)	(88.060.838.90)	(3.868.159.18)	(91,928,998,08)	(91,928,998,08)
Total Non-QF	ě	22.688.563.21	61.469.318.26	22,784,811.61	84,254,129.87	11,702,549.44	95,956,679.31	16,291,426.64	112,248,105.95	18.589.615.54	130,837,721.49	20.100.519.09	150,938,240.58	150,938,240.58
QF - Includes Net Metering and Liquidated Damages		24.880.120.14	126.564.678.98	24.543.219.63	151.107.898.61	19.097.359.71	170.205.258.32	17.854.720.02	188.059.978.34	13.092.577.56	201.152.555.90	15.335.030.22	216.487.586.12	216.487.586.12
Total Actual Power Costs Incurred	2	47.568.683.35	188.033.997.24	47.328.031.24	235.362.028.48	30.799.909.15	266.161.937.63	34.146.146.66	300.308.084.29	31.682.193.10	331.990.277.39	35.435.549.31	367.425.826.70	367.425.826.70
Total Actual Power Costs Incurred	a .	47,300,003.33	100,033,997.24	47,320,031.24	233,302,020.40	30,799,909.13	200,101,937.03	34,140,140.00	300,306,064.29	31,082,193.10	331,990,277.39	30,430,049.31	307,423,020.70	307,423,020.70
Actual Power Cost per Unit	\$/MWh	\$29.07	\$22.34	\$29.73	\$23.52	\$26.42	\$23.82	\$31.94	\$24.53	\$29.19	\$24.91	\$29.31	\$25.28	\$25.28
POWER COSTS COLLECTED IN RATES													*****	
Actual Sales	MWh	1,636,491	8,416,036	1,591,774	10,007,810	1,165,594	11,173,404	1,069,004	12,242,408	1,085,415	13,327,823	1,208,888	14,536,711	14,536,711
Combined Rate (Recoverd in Rates)	\$/MWh	\$ 26.77	\$26.05	\$ 26.90	\$26.18	\$ 26.74	\$26.24	\$ 26.59	\$26.27	\$ 26.57	\$26.30	\$ 26.63	\$26.32	\$26.32
Total Power Costs Collected in Rates	\$	43,808,864.07	219,207,278.31	42,818,720.60	262,025,998.91	31,167,983.56	293,193,982.47	28,424,816.36	321,618,798.83	28,839,476.55	350,458,275.38	32,192,687.44	382,650,962.82	382,650,962.82
CHANGE FROM FORECAST														
Actual Power Cost per Unit	\$/MWh	\$29.07	\$22.34	\$29.73	\$23.52	\$26.42	\$23.82	\$31.94	\$24.53	\$29.19	\$24.91	\$29.31	\$25.28	\$25.28
Combined Rate (Recoverd in Rates)	\$/MWh	\$26.77	\$26.05	\$26.90	\$26.18	\$26.74	\$26.24	\$26.59	\$26.27	\$26.57	\$26.30	\$26.63	\$26.32	\$26.32
Actual Increase (Decrease) Over Forecast Rate	\$/MWh	\$2.30	(\$3.70)	\$2.83	(\$2.66)	(\$0.32)	(\$2.42)	\$5.35	(\$1.74)	\$2.62	(\$1,39)	\$2.68	(\$1.05)	(\$1.05)
Deviation from Forecast	© C	3.759.819.28	(31.173.281.07)	4.509.310.64	(26.663.970.43)	(368.074.41)	(27.032.044.84)	5.721.330.30	(21.310.714.54)	2.842.716.55	(18.467.997.99)	3.242.861.87	(15.225.136.12)	(15,225,136.12)
Deviation from Porecast	Þ	3,739,019.20	(31,173,201.07)	4,309,310.04	(20,003,970.43)	(300,074.41)	(27,032,044.04)	3,721,330.30	(21,310,714.34)	2,042,710.33	(10,467,997.99)	3,242,001.07	(13,223,130.12)	(15,225,130.12
Oregon Allocation	%		4.53%		4.53%		4.53%		4.53%		4.53%		4.53%	4.53%
Oregon Allocated Power Cost Deviation (before DB)	\$		(1,412,149.63)		(1,207,877.86)		(1,224,551.63)		(965,375.37)		(836,600.31)		(689,698.67)	(689,698.67)
Deadband - Over 250 Basis Points	s		2.672.533.01		2.672.533.01		2.672.533.01		2.672.533.01		2.672.533.01		2.672.533.01	2.672.533.01
Deadband - Under 125 Basis Points	\$		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)	(1,336,266.50)
True-Up (+)	\$		0.00		0.00		0.00		0.00		0.00		0.00	0.00
True-Up (-)	\$		(75,883.13)		0.00		0.00		0.00		0.00		0.00	0.00
OREGON DEFERRAL before sharing	s		(75,883,13)		0.00		0.00		0.00		0.00		0.00	0.00
Portion of True-up Change Allowed	%		90%		90%		90%		90%		90%		90%	90%
OREGON DEFERRAL W/ SHARING (90/10)	s		(68,294,82)		0.00		0.00		0.00		0.00		0.00	0.00
working (our ray			(12(20-102)		0.00		0.00		0.00		0.00		0.00	0.00
Interest Rate	%		7.757%		7.757%		7.757%		7.757%		7.757%		7.757%	7.757%
Interest Accrued to date	\$		(1,545.14)		1.131%		1.13176		1.737%		1.73776		7.75776	7.737%
microst / nor and to date	Ψ		(1,545.14)											1
Total Deferred Balance	•		(69.839.96)											

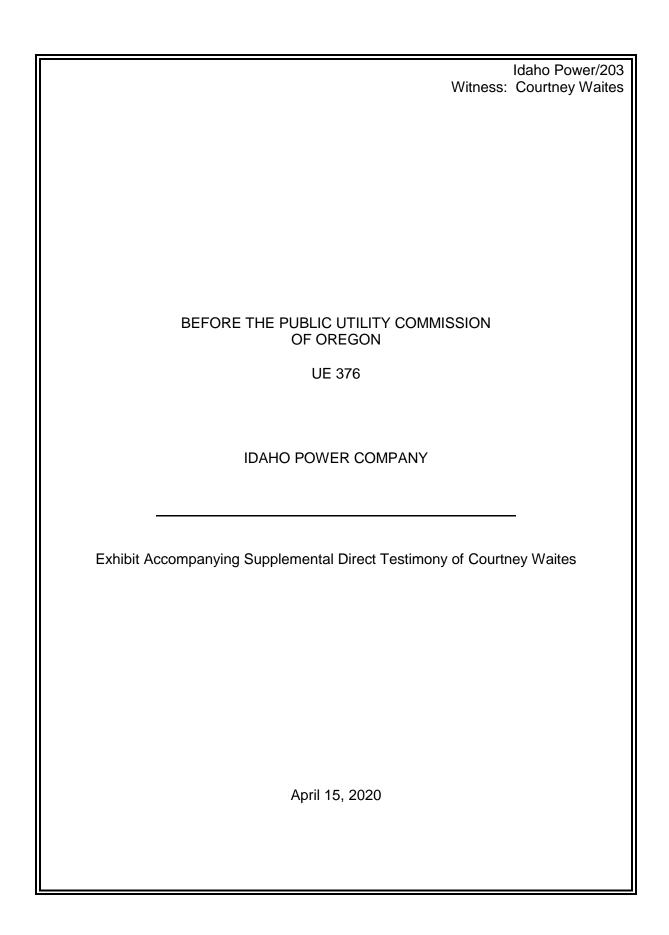


Determination of Oregon PCAM Deadbands Based on Idaho Power 2019 Results of Operations

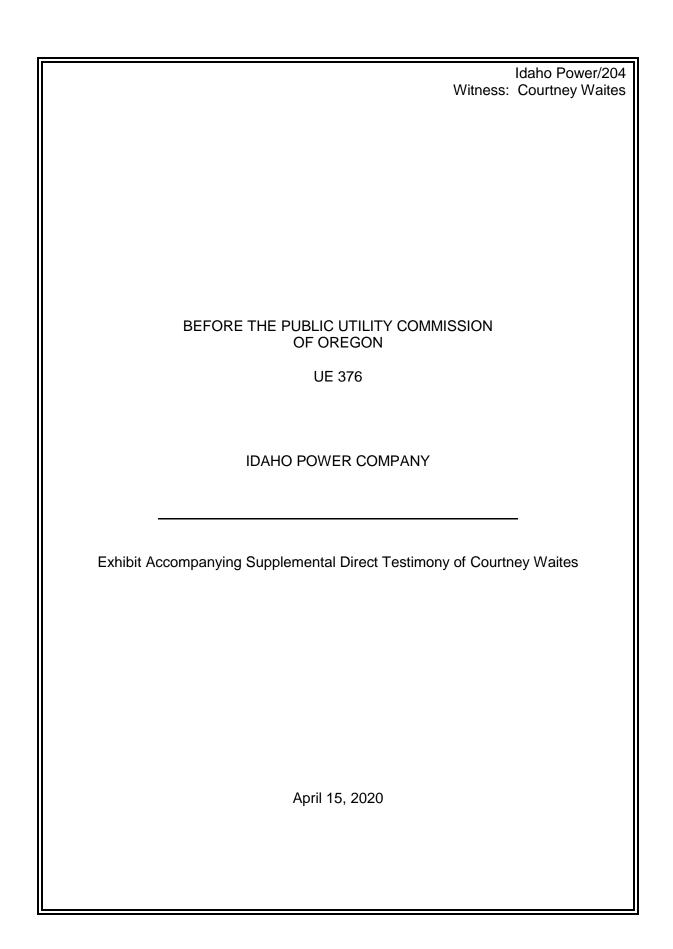
(A) (B)

(1) (2)	Rate Base % Equity in cap structure	Total System \$3,428,302,080 55.355%	Oregon \$143,409,790 55.355%
(3)	Equity in rate base	\$1,897,746,901	\$79,384,919
(4)	100 basis points	1.000%	1.000%
(5)	Resulting return (NOI Effect)	\$18,977,469	\$793,849
(6)	Net-to Gross Factor	1.347	1.347
(7)	Revenue requirement	\$25,555,439	1,069,013
		<u></u>	

(8)	Upper Band of Basis Points	250	\$2,672,533.01
(9)	Lower Band of Basis Points	125	(\$1,336,266.50)



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_	A	В	С	D	E	F	G	Н	' '	J	K	L	M	N	0
1															
	Oregon Renewable Energy Credit Sales														
3	January 2019 thru December 2019							20							
4	5: M (0 1 ()		January	February	March	April	May	June	July	August	September	October	November	December	Totals
	Prior Month Sale(s) Annual Certification	\$	0.00	17,076.85 0.00	2,897,600.00 0.00	786,851.55 0.00	0.00	602,351.00 0.00	267,124.00 0.00	14,344.00	0.00	408,069.25 0.00	374,236.50 0.00	176,550.00 0.00	5,544,203.15 0.00
	Brokerage Fee's Paid in Prior Month		0.00	0.00	(16.475.00)	(10.921.78)	0.00	0.00	(100.00)	0.00	0.00	0.00	0.00	0.00	(27.496.78)
	Washington REC Registration Fees	•	0.00	0.00	(16,475.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(27,496.78)
	Western Electric Coordinating Council Fees	+	(464.26)	(265.98)	(251.44)	(3,127.83)	(1.170.04)	(260.52)	(671.88)	(469.83)	(221.57)	(186.29)	(769.32)	(517.44)	(8.376.40)
10		\$	(464.26)	16.810.87	2.880.873.56	772.801.94	(1,170.04)	602.090.48	266.352.12	13.874.17	(221.57)	407.882.96	373,467,18	176.032.56	5,508,329.97
11	Her i locceds	•	(404.20)	10,010.07	2,000,070.00	772,001.04	(1,170.04)	002,030.40	200,002.12	10,074.17	(221.07)	407,002.30	070,407.10	170,002.00	0,000,020.01
	Oregon Allocation		4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	
	Sharing Percentage		90%	90%	90%	90%	90%	90%		90%	90%	90%	90%	90%	
14	T T T T T T T T T T T T T T T T T T T														
15		\$	(18.93)	685.38	117,453.22	31,507.14	(47.70)	24,547.23	10,859.18	565.65	(9.03)	16,629.39	15,226.26	7,176.85	224,574.64
16															
17															
18															
	Principle														
	Beginning Balance	\$	0.00	(18.93)	666.45	118,119.67	149,626.81	149,579.11	174,126.34	184,985.52	185,551.17	185,542.14	202,171.53	217,397.79	0.00
21															
	Amount Deferred		(18.93)	685.38	117,453.22	31,507.14	(47.70)	24,547.23	10,859.18	565.65	(9.03)	16,629.39	15,226.26	7,176.85	224,574.64
23	Fording Bolomes		(40.00)	CCC 4E	110 110 07	140,000,01	140 570 11	474 400 04	104 005 50	105 551 17	105 540 14	000 474 50	047.007.70	004 574 64	004 574 64
	Ending Balance	\$	(18.93)	666.45	118,119.67	149,626.81	149,579.11	174,126.34	184,985.52	185,551.17	185,542.14	202,171.53	217,397.79	224,574.64	224,574.64
25 26															
	Interest														
	Beginning Balance	\$	0.00	0.00	(0.12)	4.19	767.74	1.734.95	2.701.85	3.827.43	5.023.21	6.222.64	7.422.02	8.728.89	0.00
29		· ·	0.00	0.00	(0.12)	4.10	707.74	1,704.50	2,701.00	0,027.40	0,020.21	0,222.04	7,422.02	0,720.03	0.00
	Annual Interest Rate		7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%
31			7.70770	7.70770	7.707.70	7.70770	7.70770	7.70770	7.70770	7.707.70	7.70770	7.70770	7.70770	7.70770	7.70770
	Monthly Interest	\$	0.00	(0.12)	4.31	763.55	967.21	966.90	1.125.58	1,195,78	1.199.43	1.199.38	1.306.87	1.405.30	10.134.19
33		1		(=/					1	,,,,,,,,,,	1.00.10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/=====	,	-,
34	Interest Accrued to Date	\$	0.00	(0.12)	4.19	767.74	1,734.95	2,701.85	3,827.43	5,023.21	6,222.64	7,422.02	8,728.89	10,134.19	10,134.19
35															
36	Deferral Balance Including Interest	\$	(18.93)	666.33	118,123.86	150,394.55	151,314.06	176,828.19	188,812.95	190,574.38	191,764.78	209,593.55	226,126.68	234,708.83	234,708.83
37															
38															
39	Total Customer Benefit														234,708.83
40															



Oregon

3	12 MC	S ENDED DEC 2019
Total Revenues	\$	51,990,825 6%
Deferral Revenues Allowed	\$	3,119,450
True-Up Balancing Account		
Oregon kWh Forecast ¹		684,994,949
Rate (cents per kWh)	_	(0.0343)
Estimated Collection (Refund)	\$	(234,709)
Intervenor Funding deferrals		
Oregon Residential kWh Forecast ¹		185,871,153
Rate (cents per kWh)		0.0201
Estimated Collection (Refund)	\$	37,383
EIM O&M Start-Up Expense deferral		
Oregon kWh Forecast ¹		684,994,949
Rate (cents per kWh)		0.0035
Estimated Collection (Refund)	\$	23,842
Total Rate - Residential Service (cents per kWh)		(0.0107)
Total Rate - All Other (cents per kWh)		(0.0308)

^{1.} June 1, 2020 - May, 31, 2021 test year.

OREGON PCAM (Schedule 56)		January	January YTD	February	February YTD	March	March YTD	April	April YTD	May	May YTD	June	June YTD
ACTUAL POWER COSTS													
Actual NPSE Costs													
Actual Sales - Includes Unbilled	MWh	1,214,558	1,214,558	1,089,565	2,304,123	1,066,911	3,371,034	958,297	4,329,331	1,098,732	5,428,063	1,351,482	6,779,545
Fuel	\$	16,278,430.09	16,278,430.09	18,710,670.11	34,989,100.20	16,881,367.02	51,870,467.22	7,017,043.91	58,887,511.13	5,200,890.68	64,088,401.81	8,607,904.06	72,696,305.87
Purchased Power	\$	7,565,041.82	7,565,041.82	8,258,943.57	15,823,985.39	5,551,038.83	21,375,024.22	2,938,422.88	24,313,447.10	3,598,460.32	27,911,907.42	4,670,544.41	32,582,451.83
Oregon Solar Pilot		743.36	743.36	655.33	1,398.69	614.52	2,013.21	1,621.19	3,634.40	1,560.39	5,194.79	2,052.64	7,247.43
Surplus Sales	\$	(3,417,237.93)	(3,417,237.93)	(22,872,937.54)	(26,290,175.47)	(23,643,568.71)	(49,933,744.18)	(9,042,970.90)	(58,976,715.08)	(3,198,100.10)	(62,174,815.18)	(4,330,434.90)	(66,505,250.08)
Total Non-QF	\$	20,426,977.34	20,426,977.34	4,097,331.47	24,524,308.81	(1,210,548.34)	23,313,760.47	914,117.08	24,227,877.55	5,602,811.29	29,830,688.84	8,950,066.21	38,780,755.05
QF - Includes Net Metering and Liquidated Damages	\$	16,671,655.54	16,671,655.54	14,530,939.03	31,202,594.57	11,789,356.14	42,991,950.71	16,941,066.80	59,933,017.51	18,050,679.48	77,983,696.99	23,700,861.85	101,684,558.84
Total Actual Power Costs Incurred	\$	37,098,632.88	37,098,632.88	18,628,270.50	55,726,903.38	10,578,807.80	66,305,711.18	17,855,183.88	84,160,895.06	23,653,490.77	107,814,385.83	32,650,928.06	140,465,313.89
Actual Power Cost per Unit	\$/MWh	\$30.54	\$30.54	\$17.10	\$24.19	\$9.92	\$19.67	\$18.63	\$19.44	\$21.53	\$19.86	\$24.16	\$20.72
POWER COSTS COLLECTED IN RATES													
Actual Sales	MWh	1,214,558	1,214,558	1,089,565	2,304,123	1,066,911	3,371,034	958,297	4,329,331	1,098,732	5,428,063	1,351,482	6,779,545
Combined Rate (Recoverd in Rates)			\$25.54	\$ 26.10	\$25.80	\$ 26.10	\$25.90	\$ 25.36	\$25.78	\$ 25.39	\$25.70	\$ 26.56	\$25.87
Total Power Costs Collected in Rates	\$	31,019,811.32	31,019,811.32	28,437,646.50	59,457,457.82	27,846,377.10	87,303,834.92	24,302,411.92	111,606,246.84	27,896,805.48	139,503,052.32	35,895,361.92	175,398,414.24
CHANGE FROM FORECAST													
Actual Power Cost per Unit	\$/MWh	\$30.54	\$30.54	\$17.10	\$24.19	\$9.92	\$19.67	\$18.63	\$19.44	\$21.53	\$19.86	\$24.16	\$20.72
Combined Rate (Recoverd in Rates)	\$/MWh	\$25.54	\$25.54	\$26.10	\$25.80	\$26.10	\$25.90	\$25.36	\$25.78	\$25.39	\$25.70	\$26.56	\$25.87
Actual Increase (Decrease) Over Forecast Rate	\$/MWh	\$5.00	\$5.00	(\$9.00)	(\$1.62)	(\$16.18)	(\$6,23)	(\$6.73)	(\$6.34)	(\$3.86)	(\$5,84)	(\$2.40)	(\$5.15)
Deviation from Forecast	S	6.078.821.56	6.078.821.56	(9.809.376.00)	(3.730.554.44)	(17.267.569.30)	(20.998.123.74)	(6.447,228,04)	(27.445.351.78)	(4,243,314.71)	(31.688.666.49)	(3.244.433.86)	(34.933.100.35)
Seviation north discuss	•	0,070,021.00	0,070,021.00	(0,000,010.00)	(0,700,004.44)	(17,207,000.00)	(20,000,120.14)	(0,447,220.04)	(27,110,001.70)	(4,240,014.71)	(01,000,000.10)	(0,211,100.00)	(01,000,100.00)
Oregon Allocation	%		4.53%		4.53%		4.53%		4,53%		4.53%		4.53%
Pregon Allocated Power Cost Deviation (before DB)	ŝ		275.370.62		(168,994,12)		(951,215,01)		(1.243.274.44)		(1.435.496.59)		(1.582.469.45)
Deadband - Over 250 Basis Points	\$		2,672,533.01		2,672,533.01		2,672,533.01		2,672,533.01		2,672,533.01		2,672,533.01
Deadband - Under 125 Basis Points	\$		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)
True-Up (+)	\$		0.00		0.00		0.00		0.00		0.00		0.00
rue-Up (-)	\$		0.00		0.00		0.00		0.00		(99,230.09)		(246,202.94)
OREGON DEFERRAL before sharing	s		0.00		0.00		0.00		0.00		(99.230.09)		(246,202,94)
Portion of True-up Change Allowed	%		90%		90%		90%		90%		90%		90%
Foliari di Tide-up Change Allowed	70		90%		90%		90%		90%		90%		90%
OREGON DEFERRAL w/ SHARING (90/10)	\$		0.00		0.00		0.00		0.00		(89,307.08)		(221,582.65)
Interest Rate			7.757%		7.757%		7.757%		7.7570/		7.7570/		7.7570/
	%		7.757%		7.757%		7.757%		7.757%		7.757%		7.757%
nterest Accrued to date	\$										(1,443.24)		(4,297.04)
otal Deferred Balance	•										(90,750,32)		(225.879.69)
Otal Deletred Dalatice											(30,730.32)		(223,013.03)

OREGON PCAM (Schedule 56)		July	July YTD	<u>August</u>	August YTD	September	September YTD	October	October YTD	November	November YTD	<u>December</u>	December YTD	Annual
ACTUAL POWER COSTS Actual NPSE Costs														
Actual NPSE Costs Actual Sales - Includes Unbilled	MWh	1.636.491	0.440.000	1.591.774	10.007.810	4 405 504	11,173,404	4 000 004	12.242.408	4 005 445	13.327.823	4 000 000	14.536.711	14.536.711
Actual Sales - Includes Unbilled	IVIVVI	1,030,491	8,416,036	1,591,774	10,007,810	1,165,594	11,173,404	1,069,004	12,242,408	1,085,415	13,327,823	1,208,888	14,536,711	14,536,711
Fuel	s	15.954.351.83	88.650.657.70	18.918.359.80	107.569.017.50	12.007.830.48	119,576,847,98	10.784.498.64	130.361.346.62	12.378.199.59	142.739.546.21	14.132.561.75	156.872.107.96	156.872.107.96
Purchased Power	9	8.762.855.73	41.345.307.56	9.857.817.94	51.203.125.50	8.125.865.44	59.328.990.94	8.000.828.04	67.329.818.98	8.797.534.49	76.127.353.47	9.834.986.15	85.962.339.62	85.962.339.62
Oregon Solar Pilot	a a	8.539.14	15.786.57	6.039.42	21.825.99	5.535.66	27.361.65	2.680.18	30.041.83	1.618.88	31.660.71	1.130.37	32,791.08	32,791.08
Surplus Sales	\$	(2.037.183.49)	(68.542.433.57)	(5.997.405.55)	(74.539.839.12)	(8.436.682.14)	(82.976.521.26)	(2.496.580.22)	(85.473.101.48)	(2.587.737.42)	(88.060.838.90)	(3.868.159.18)	(91,928,998,08)	(91.928.998.08)
Total Non-QF	Š	22.688.563.21	61.469.318.26	22.784.811.61	84,254,129,87	11.702.549.44	95,956,679,31	16.291.426.64	112.248.105.95	18,589,615,54	130,837,721,49	20,100,519.09	150,938,240,58	150.938.240.58
QF - Includes Net Metering and Liquidated Damages	Š	24.880.120.14	126.564.678.98	24.543.219.63	151,107,898,61	19.097.359.71	170,205,258,32	17.854.720.02	188.059.978.34	13.092.577.56	201.152.555.90	15.335.030.22	216,487,586,12	216.487.586.12
Total Actual Power Costs Incurred	Š	47.568.683.35	188.033.997.24	47.328.031.24	235,362,028,48	30,799,909,15	266,161,937,63	34.146.146.66	300,308,084,29	31,682,193,10	331,990,277,39	35,435,549,31	367.425.826.70	367.425.826.70
			,	, , , , , ,										
Actual Power Cost per Unit	\$/MWh	\$29.07	\$22.34	\$29.73	\$23.52	\$26.42	\$23.82	\$31.94	\$24.53	\$29.19	\$24.91	\$29.31	\$25.28	\$25.28
POWER COSTS COLLECTED IN RATES													989	
Actual Sales	MWh	1,636,491	8,416,036	1,591,774	10,007,810	1,165,594	11,173,404	1,069,004	12,242,408	1,085,415	13,327,823	1,208,888	14,536,711	14,536,711
Combined Rate (Recoverd in Rates)	\$/MWh		\$26.05	\$ 26.90	\$26.18	\$ 26.74	\$26.24	\$ 26.59	\$26.27	\$ 26.57	\$26.30	\$ 26.63	\$26.32	\$26.32
Total Power Costs Collected in Rates	\$	43,808,864.07	219,207,278.31	42,818,720.60	262,025,998.91	31,167,983.56	293,193,982.47	28,424,816.36	321,618,798.83	28,839,476.55	350,458,275.38	32,192,687.44	382,650,962.82	382,650,962.82
CHANGE FROM FORECAST														
Actual Power Cost per Unit	\$/MWh	\$29.07	\$22.34	\$29.73	\$23.52	\$26.42	\$23.82	\$31.94	\$24.53	\$29.19	\$24.91	\$29.31	\$25.28	\$25.28
Combined Rate (Recoverd in Rates)	\$/MWh	\$26.77	\$26.05	\$26.90	\$26.18	\$26.74	\$26.24	\$26.59	\$26.27	\$26.57	\$26.30	\$26.63	\$26.32	\$26.32
Actual Increase (Decrease) Over Forecast Rate	\$/MWh	\$2.30	(\$3.70)	\$2.83	(\$2.66)	(\$0.32)	(\$2.42)	\$5.35	(\$1.74)	\$2.62	(\$1.39)	\$2.68	(\$1.05)	(\$1.05)
Deviation from Forecast	\$	3,759,819.28	(31,173,281.07)	4,509,310.64	(26,663,970.43)	(368,074.41)	(27,032,044.84)	5,721,330.30	(21,310,714.54)	2,842,716.55	(18,467,997.99)	3,242,861.87	(15,225,136.12)	(15,225,136.12)
Oregon Allocation	%		4.53%		4,53%		4.53%		4.53%		4.53%		4.53%	4.53%
Oregon Allocated Power Cost Deviation (before DB)	ŝ		(1,412,149.63)		(1,207,877.86)		(1,224,551.63)		(965,375.37)		(836,600.31)		(689,698.67)	(689,698.67)
, ,			.,,,,		.,.,.		., ,,				,,		,,	, , , , , , ,
Deadband - Over 250 Basis Points	\$		2,672,533.01		2,672,533.01		2,672,533.01		2,672,533.01		2,672,533.01		2,672,533.01	2,672,533.01
Deadband - Under 125 Basis Points	\$		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)		(1,336,266.50)	(1,336,266.50)
True-Up (+)			0.00		0.00		0.00		0.00		0.00		0.00	0.00
True-Up (-)	Š		(75.883.13)		0.00		0.00		0.00		0.00		0.00	0.00
11de-Op (-)	a a		(75,005.15)		0.00		0.00		0.00		0.00		0.00	0.00
OREGON DEFERRAL before sharing	9		(75.883.13)		0.00		0.00		0.00		0.00		0.00	0.00
Portion of True-up Change Allowed	%		90%		90%		90%		90%		90%		90%	90%
	,,,										3070			
OREGON DEFERRAL w/ SHARING (90/10)	\$		(68,294.82)		0.00		0.00		0.00		0.00		0.00	0.00
Interest Rate	%		7.757%		7.757%		7.757%		7.757%		7.757%		7.757%	7.757%
Interest Accrued to date	% \$		(1.545.14)		7.737%		7.757%		1.131%		1.131%		1.13176	1.131%
morest / toolage to date	Ψ		(1,040.14)											1
Total Deferred Balance	\$		(69.839.96)											

Determination of Oregon PCAM Deadbands Based on Idaho Power 2019 Results of Operations

(A) (B)

(1)	Rate Base	Total System \$3,428,302,080 55.355%	Oregon \$143,409,790 55.355%
(2)	% Equity in cap structure		
(3)	Equity in rate base	\$1,897,746,901	\$79,384,919
(4)	100 basis points	1.000%	1.000%
(5)	Resulting return (NOI Effect)	\$18,977,469	\$793,849
(6)	Net-to Gross Factor	1.347	1.347
(7)	Revenue requirement	\$25,555,439	1,069,013

(8) **Upper Band of Basis Points 250** \$2,672,533.01 (9) **Lower Band of Basis Points 125** (\$1,336,266.50)

3 Janu 4 5 Prior 6 Annu 7 Broke 8 Wasi 9 Wesi	gon Renewable Energy Credit Sales uary 2019 thru December 2019 r Month Sale(s) ual Certification terage Fee's Paid in Prior Month	В	С	D	E	F	G	Н		J	K	L	M	N	0
3 Janu 4 5 Prior 6 Annu 7 Brok 8 Wasl 9 Wesl	ary 2019 thru December 2019 r Month Sale(s) ual Certification kerage Fee's Paid in Prior Month														
3 Janu 4 5 Prior 6 Annu 7 Brok 8 Wasl 9 Wesl	ary 2019 thru December 2019 r Month Sale(s) ual Certification kerage Fee's Paid in Prior Month														
4 5 Prior 6 Annu 7 Broke 8 Wasi 9 Wesi 10 No	r Month Sale(s) ual Certification terage Fee's Paid in Prior Month														
5 Prior 6 Annu 7 Broke 8 Wasi 9 Wesi 10 N	ual Certification kerage Fee's Paid in Prior Month							201	19						
6 Annu 7 Broke 8 Wasi 9 Wesi 10 No	ual Certification kerage Fee's Paid in Prior Month	9	January	February	March	April	May	June	July	August	September	October	November	December	Totals
7 Broke 8 Wasi 9 Wesi 10 N	kerage Fee's Paid in Prior Month	2	0.00	17,076.85	2,897,600.00	786,851.55	0.00	602,351.00	267,124.00	14,344.00	0.00	408,069.25	374,236.50	176,550.00	5,544,203.15
8 Wasi9 Wesi10 No.			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 West		\$	0.00	0.00	(16,475.00)	(10,921.78)	0.00	0.00	(100.00)	0.00	0.00	0.00	0.00	0.00	(27,496.78)
10 N	shington REC Registration Fees			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	stern Electric Coordinating Council Fees		(464.26)	(265.98)	(251.44)	(3,127.83)	(1,170.04)	(260.52)	(671.88)	(469.83)	(221.57)	(186.29)	(769.32)	(517.44)	(8,376.40)
11	Net Proceeds	\$	(464.26)	16,810.87	2,880,873.56	772,801.94	(1,170.04)	602,090.48	266,352.12	13,874.17	(221.57)	407,882.96	373,467.18	176,032.56	5,508,329.97
	gon Allocation		4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	4.53%	
	ring Percentage		90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	
14			()				(()				
	otal Customer Benefit	\$	(18.93)	685.38	117,453.22	31,507.14	(47.70)	24,547.23	10,859.18	565.65	(9.03)	16,629.39	15,226.26	7,176.85	224,574.64
16															
17 18															
18 19 Princ	alala														
	inning Balance		0.00	(18.93)	666.45	118.119.67	149.626.81	149.579.11	174.126.34	184.985.52	185.551.17	185.542.14	202.171.53	217.397.79	0.00
20 Begii 21	inning Balance	2	0.00	(18.93)	000.45	118,119.07	149,020.81	149,579.11	174,120.34	184,985.52	185,551.17	185,542.14	202,171.53	217,397.79	0.00
	ount Deferred		(18.93)	685.38	117.453.22	31.507.14	(47.70)	24.547.23	10.859.18	565.65	(9.03)	16.629.39	15.226.26	7.176.85	224.574.64
23	Julii Deletted		(10.73)	005.30	117,433.22	31,307.14	(47.70)	24,347.23	10,037.10	303.03	(7.03)	10,027.37	13,220.20	7,170.03	224,374.04
	ing Balance	\$	(18.93)	666.45	118,119,67	149.626.81	149.579.11	174,126.34	184.985.52	185,551.17	185.542.14	202,171.53	217.397.79	224.574.64	224,574.64
25	ing balance	-	(10.70)	000.10	110,117.07	117,020.01	117,077.11	171,120.01	101,700.02	100,001.17	100,012.11	202,171.00	217,077.77	221,071.01	221,071.01
26															
27 Inter	rest														
	inning Balance	s	0.00	0.00	(0.12)	4.19	767.74	1.734.95	2.701.85	3.827.43	5.023.21	6.222.64	7.422.02	8.728.89	0.00
29	<u> </u>		2.00	2.00	(12)			.,	2,.200	2,220	0,000.00	-,	.,	-,,	5.00
	ual Interest Rate		7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%
31															
32 Mont	ithly Interest	\$	0.00	(0.12)	4.31	763.55	967.21	966.90	1,125.58	1,195.78	1,199.43	1,199.38	1,306.87	1,405.30	10,134.19
33							ĺ								
	rest Accrued to Date	\$	0.00	(0.12)	4.19	767.74	1,734.95	2,701.85	3,827.43	5,023.21	6,222.64	7,422.02	8,728.89	10,134.19	10,134.19
35															
	ferral Balance Including Interest	\$	(18.93)	666.33	118,123.86	150,394.55	151,314.06	176,828.19	188,812.95	190,574.38	191,764.78	209,593.55	226,126.68	234,708.83	234,708.83
37															
38															
39 Tota	tal Customer Benefit														234,708.83
40															

Oregon

Oregon		
	12 MOS ENDED DEC 2019	
Total Revenues	\$	51,990,825
		6%
Deferral Revenues Allowed	\$	3,119,450
True-Up Balancing Account		
Oregon kWh Forecast ¹		604 004 040
Rate (cents per kWh)		684,994,949
, ,	\$	(0.0343) (234,709)
Estimated Collection (Refund)	Φ	(234,709)
Intervenor Funding deferrals		
Oregon Residential kWh Forecast ¹		185,871,153
Rate (cents per kWh)		0.0201
Estimated Collection (Refund)	\$	37,383
,		·
EIM O&M Start-Up Expense deferral		
Oregon kWh Forecast ¹		684,994,949
Rate (cents per kWh)		0.0035
Estimated Collection (Refund)	\$	23,842
Total Rate - Residential Service (cents per kWh)		(0.0107)
Total Rate - All Other (cents per kWh)		(0.0308)

^{1.} June 1, 2020 - May, 31, 2021 test year.