

**BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION**

**IN THE MATTER OF THE ANNUAL UPDATE )**  
**TO PUBLISHED AVOIDED COST RATES )** **CASE NOS. AVU-E-18-04**  
**BASED ON THE UPDATED NATURAL GAS )** **IPC-E-18-05**  
**PRICE FORECAST OF THE U.S. ENERGY )** **PAC-E-18-02**  
**INFORMATION ADMINISTRATION (EIA) )**  

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**ORDER NO. 34062**

Pursuant to the Public Utility Regulatory Policies Act of 1978 (PURPA) and the implementing regulations of the Federal Energy Regulatory Commission (FERC), the Idaho Public Utilities Commission (Commission) has approved a Surrogate Avoided Resource (SAR) methodology for calculation of the published avoided cost rates at which PURPA qualifying cogeneration and small power production facilities (QFs) are paid by Avista, Idaho Power and PacifiCorp. Avoided cost rates are the purchase price paid to QFs for purchases of QF capacity and energy. The release of the *Annual Energy Outlook* by the U.S. Energy Information Administration (EIA) triggered an updated calculation of SAR avoided cost rates.

**EIA UPDATE TO THE NATURAL GAS PRICE FORECAST**

The surrogate resource is based on natural gas plant pricing, therefore one of the key input variables in the computation of published avoided cost rates is the long-term natural gas price forecast. In accordance with the methodology approved in Order No. 32697, and subsequent orders, the “reference case” natural gas price forecast for the Mountain Region’s Electric Power sector included in EIA’s *Annual Energy Outlook* serves as the basis for computing published avoided cost rates. In Order No. 32697, this Commission stated that each year the final release of the *Annual Energy Outlook* should automatically trigger a re-calculation of the published avoided cost rates. In Order 32802, the Commission clarified that an update should occur on June 1 or within 30 days of the final release of the *Annual Energy Outlook*, whichever is later. This clarification was to accommodate the possibility that the final release of EIA data does not occur in time to meet the June 1 effective date.

**UPDATED PUBLISHED AVOIDED COST RATES**

Commission Staff recomputed published avoided cost rates for Idaho Power, Avista, and PacifiCorp using EIA’s most recent annual natural gas price forecast. Staff provided Avista,

Idaho Power, and PacifiCorp with worksheets on April 5, 2018, for review and comment, showing the computation of the updated avoided cost rates.

Both Avista and PacifiCorp acknowledged that the rates computed by Staff as presented are correct. Idaho Power concurred that the calculations provided by Staff are consistent with the SAR methodology approved in Commission Orders Nos. 32697 and 32802. Idaho Power Response Letter at 1. However, it expressed concerns with the use of the reference case natural gas price forecast for the Mountain Region's Electric Power sector included in the EIA's Annual Energy Outlook. *Id.*

Idaho Power argued that while Commission Order No. 32697 generically requires the use of the EIA forecasts in the SAR methodology, it does not specify which data series must be used. *Id.* Idaho Power disagreed with the use of the Mountain Region sector forecast, claiming that it is not a representative forecast for natural gas prices because it represents pricing that is higher than historical and expected natural gas transactions specific to Idaho Power. *Id.*

More specifically, Idaho Power claimed that the use of the Mountain Region sector forecast unreasonably inflated the SAR avoided cost prices and its customers should not have to pay inflated costs. *Id.* Instead, Idaho Power suggested Commission Staff use the EIA's natural gas spot price at Henry Hub: High Oil and Gas Resource and Technology forecast, adjusted for Sumas and Idaho City Gate, which was also utilized in Idaho Power's 2017 Integrated Resource Planning process and Incremental Cost IRP methodology. *Id.*<sup>1</sup>

Idaho Power stated that it undertook a comparison between Staff's proposed avoided cost rates and its suggested methodology and found that "[w]hen the Natural Gas Spot Price at Henry Hub forecast is applied as the basis in the SAR methodology, the approximate decrease in 20-year levelized avoided cost prices across all resource types, assuming an online year of 2018, is \$10.99 per megawatt-hour." *Id.* at 1-2.

Idaho Power further stated that it is experiencing increased development of new PURPA QFs that are eligible for published avoided cost rates over the next several years. *Id.* at 2. These QFs must enter into new or replacement energy sales agreements where, according to Idaho Power, use of the Mountain Region natural gas price forecast results in higher avoided costs. *Id.* In order to rectify this, Idaho Power suggested that each applicable Idaho utility

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<sup>1</sup> Staff disagreed with the Company changing its forecast away from EIA's Mountain Region sector forecast to EIA's "High Oil and Gas Resource and Technology Case" forecast in the 2017 IRP. *See* Comments of the Commission Staff in Case No. IPC-E-17-11.

should utilize its own natural gas forecast stream in terms of computations made under the SAR methodology. *Id.*

Staff recommended that its proposed updated rates be approved, effective June 1, 2018 (per Order No. 32697), but that the Commission find that Idaho Power's suggestion may be raised in a generic docket, brought of its own volition, related to the revision of the Commission's methodology for updating published avoided cost rates to reflect updated natural gas price forecasts. In such proceeding, all electric utilities and interested parties would have the opportunity to provide comment so the Commission can more fully understand the impact of Idaho Power's proposal.

### **FINDINGS AND CONCLUSIONS**

The Idaho Public Utilities Commission has jurisdiction over Avista Corporation dba Avista Utilities, Idaho Power Company, and PacifiCorp dba Rocky Mountain Power and the matters considered in this case pursuant to the authority and power granted it under Title 61 of the Idaho Code and the Public Utility Regulatory Policies Act of 1978 (PURPA). The Commission has authority under PURPA and the implementing regulations of the Federal Energy Regulatory Commission (FERC) to set avoided costs, to order electric utilities to enter into fixed-term obligations for the purchase of energy from qualified facilities, and to implement FERC rules.

Pursuant to its authority, the Commission has reviewed and considered the filings of record. The annual update to the SAR methodology's avoided cost rates is a relatively simple arithmetic re-calculation. We find that the accuracy of the calculations and the resulting rates disseminated by Staff based upon EIA's most recent annual natural gas price forecast have not been challenged. The "suggestion" made by Idaho Power concerned the particular EIA forecast Staff used to update published avoided cost rates. We would note that, while Order No. 32697 may not explicitly adopt the "reference case" natural gas price forecast for the Mountain Region's Electric Power sector, we have explicitly approved its use for the past five years in our final orders addressing the annual EIA update. *See* Order Nos. 32817, 33041, 33305, 33538, and 33773. It is currently the natural gas price forecast that this Commission approves for determination of SAR avoided costs.

We acknowledge the Company's suggestion that it would like the existing SAR methodology altered to allow each utility its own natural gas price forecast stream but find that

Idaho Power may address its suggestion in a dedicated docket in which the other utilities and any interested parties can provide comments to fully inform the Commission about the issue.

We find the updated published avoided cost rates are fair, just, and reasonable.

**ORDER**

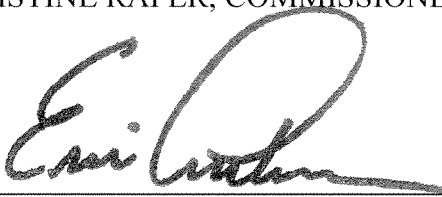
IT IS HEREBY ORDERED that the updates to published avoided cost rates for Avista, Idaho Power, and PacifiCorp are approved, effective June 1, 2018.

THIS IS A FINAL ORDER. Any person interested in this Order may petition for reconsideration within twenty-one (21) days of the service date of this Order. Within seven (7) days after any person has petitioned for reconsideration, any other person may cross-petition for reconsideration. *See Idaho Code § 61-626.*

DONE by Order of the Idaho Public Utilities Commission at Boise, Idaho this *16<sup>th</sup>* day of May 2018.

  
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PAUL KJELLANDER, PRESIDENT

  
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KRISTINE RAPER, COMMISSIONER

  
\_\_\_\_\_  
ERIC ANDERSON, COMMISSIONER

ATTEST:

  
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Diane M. Hanian  
Commission Secretary

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### 3.8. Energy Prices by Sector and Source

(2017 dollars per million Btu, unless otherwise noted)

Mountain - 08

Sector and Source

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Electric Power 8/</b>										
Distillate Fuel Oil	12.07	14.05	14.58	15.76	19.28	21.06	21.92	22.62	22.79	22.91
Residual Fuel Oil	3.40	4.03	3.93	5.17	8.43	10.08	11.04	11.88	11.97	11.98
Natural Gas	2.77	3.52	3.63	3.99	4.23	4.20	4.23	4.37	4.50	4.65
Steam Coal	1.86	1.84	1.83	1.81	1.79	1.80	1.80	1.80	1.79	1.79
Uranium	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.66	0.66	0.66

Prices in Nominal Dollars

**Electric Power 8/**

Distillate Fuel Oil	11.86	14.05	14.91	16.49	20.69	23.17	24.69	26.11	26.95	27.73
Residual Fuel Oil	3.35	4.03	4.02	5.41	9.05	11.09	12.44	13.72	14.15	14.51
Natural Gas	2.73	3.52	3.71	4.18	4.54	4.62	4.77	5.05	5.32	5.63
Steam Coal	1.83	1.84	1.87	1.89	1.92	1.98	2.03	2.07	2.12	2.17
Uranium	0.63	0.65	0.66	0.68	0.70	0.72	0.74	0.76	0.78	0.80

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
	23.06	23.28	23.55	23.82	24.02	24.40	24.60	24.90	25.15	25.27	25.41	25.91	26.06	26.29	26.51	26.74
	12.21	12.42	12.58	12.88	13.06	13.34	13.48	13.68	13.85	14.04	14.11	14.48	14.62	14.81	14.97	15.13
	4.70	4.77	4.79	4.85	4.86	4.85	4.88	4.87	4.89	4.89	5.01	5.02	5.08	5.13	5.18	5.23
	1.78	1.79	1.78	1.79	1.80	1.80	1.81	1.82	1.83	1.85	1.87	1.88	1.90	1.91	1.92	1.93
	0.66	0.66	0.66	0.66	0.67	0.67	0.67	0.67	0.67	0.67	0.68	0.68	0.68	0.68	0.68	0.69
	28.56	29.48	30.47	31.48	32.41	33.65	34.66	35.87	37.04	38.07	39.15	40.84	42.02	43.36	44.72	46.18
	15.13	15.73	16.27	17.02	17.63	18.39	18.99	19.70	20.39	21.15	21.74	22.83	23.57	24.42	25.25	26.12
	5.83	6.04	6.20	6.41	6.55	6.69	6.88	7.02	7.21	7.37	7.72	7.91	8.18	8.46	8.74	9.02
	2.20	2.27	2.31	2.36	2.42	2.49	2.55	2.62	2.70	2.79	2.88	2.97	3.06	3.15	3.24	3.33
	0.82	0.84	0.86	0.88	0.90	0.92	0.94	0.97	0.99	1.02	1.04	1.07	1.09	1.12	1.15	1.18

	2042	2043	2044	2045	2046	2047	2048	2049	2050
26.80	26.85	26.94	27.06	26.99	27.11	27.34	27.33	27.44	
15.21	15.27	15.27	15.31	15.20	15.24	15.41	15.41	15.61	
5.29	5.35	5.42	5.47	5.52	5.58	5.71	5.78	5.89	
1.94	1.94	1.95	1.95	1.96	1.97	1.98	1.98	1.99	
0.69	0.69	0.69	0.69	0.69	0.70	0.70	0.70	0.70	
47.36	48.59	49.94	51.39	52.52	54.05	55.90	57.28	58.97	
26.89	27.64	28.31	29.08	29.58	30.39	31.49	32.30	33.56	
9.35	9.68	10.04	10.39	10.74	11.14	11.68	12.11	12.65	
3.43	3.52	3.61	3.71	3.81	3.92	4.04	4.15	4.28	
1.21	1.25	1.28	1.31	1.35	1.39	1.43	1.47	1.51	

AVISTA AVOIDED COST RATES FOR WIND PROJECTS June 01, 2018 \$/MWh New Contracts and Replacement Contracts without Full Capacity Payments								
Eligibility for these rates is limited to projects 100 kW or smaller.								
LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.13	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	41.74	2021	35.09
5	32.94	34.95	36.62	38.15	40.45	42.94	2022	36.18
6	33.66	35.67	37.41	39.38	41.59	43.91	2023	38.22
7	34.40	36.43	38.51	40.44	42.54	44.77	2024	40.22
8	35.16	37.44	39.48	41.34	43.39	45.52	2025	42.46
9	36.12	38.35	40.32	42.16	44.14	46.19	2026	47.15
10	37.00	39.16	41.11	42.90	44.81	46.81	2027	48.76
11	37.78	39.91	41.81	43.56	45.44	47.39	2028	50.02
12	38.52	40.59	42.44	44.17	46.02	47.94	2029	51.61
13	39.18	41.21	43.04	44.74	46.57	48.46	2030	52.72
14	39.79	41.79	43.59	45.29	47.09	49.01	2031	53.81
15	40.36	42.33	44.12	45.80	47.63	49.53	2032	55.22
16	40.89	42.85	44.62	46.32	48.14	50.05	2033	56.34
17	41.40	43.33	45.13	46.82	48.65	50.57	2034	57.79
18	41.87	43.82	45.61	47.32	49.15	51.07	2035	59.06
19	42.35	44.29	46.09	47.80	49.64	51.57	2036	61.65
20	42.81	44.75	46.55	48.28	50.13	52.07	2037	63.12
							2038	65.18
							2039	67.26
							2040	69.35
							2041	71.53
							2042	73.99
							2043	76.44

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)



AVISTA AVOIDED COST RATES FOR SOLAR PROJECTS June 01, 2018 \$/MWh New Contracts and Replacement Contracts without Full Capacity Payments								
Eligibility for these rates is limited to projects 100 kW or smaller.								
LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.13	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	42.07	2021	35.09
5	32.94	34.95	36.62	38.15	40.71	43.48	2022	36.18
6	33.66	35.67	37.41	39.59	42.02	44.58	2023	38.22
7	34.40	36.43	38.68	40.79	43.09	48.90	2024	40.22
8	35.16	37.58	39.77	41.80	46.85	52.26	2025	42.46
9	36.24	38.60	40.72	45.11	49.88	52.51	2026	48.65
10	37.22	39.50	43.65	47.85	50.27	52.82	2027	50.28
11	38.08	42.13	46.12	48.31	50.67	53.13	2028	51.56
12	40.46	44.38	46.61	48.76	51.05	53.46	2029	82.99
13	42.52	44.89	47.09	49.19	51.45	53.81	2030	84.55
14	43.06	45.39	47.55	49.62	51.84	54.20	2031	55.42
15	43.57	45.86	47.99	50.03	52.26	54.60	2032	56.86
16	44.05	46.31	48.41	50.48	52.68	55.01	2033	58.00
17	44.51	46.74	48.86	50.91	53.11	55.43	2034	59.47
18	44.95	47.19	49.29	51.34	53.54	56.80	2035	60.77
19	45.40	47.62	49.72	51.77	54.82	57.20	2036	63.38
20	45.83	48.05	50.15	52.97	55.23	57.62	2037	64.88
							2038	66.97
							2039	69.07
							2040	106.19
							2041	73.39
							2042	75.88
							2043	78.36

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

**AVISTA**  
**AVOIDED COST RATES FOR NON-SEASONAL HYDRO PROJECTS**  
**June 01, 2018**  
 \$/MWh

**New Contracts and Replacement Contracts without Full Capacity Payments**

Eligibility for these rates is limited to projects smaller than 10 aMW.

LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.13	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	43.61	2021	35.09
5	32.94	34.95	36.62	38.15	41.89	45.95	2022	36.18
6	33.66	35.67	37.41	40.53	44.00	47.69	2023	38.22
7	34.40	36.43	39.46	42.42	45.65	51.32	2024	40.22
8	35.16	38.24	41.14	43.95	48.88	54.16	2025	42.46
9	36.80	39.77	42.55	46.85	51.50	54.86	2026	55.58
10	38.22	41.08	45.14	49.25	52.29	55.52	2027	57.31
11	39.46	43.43	47.34	50.07	53.02	56.14	2028	58.70
12	41.60	45.44	48.16	50.83	53.69	56.73	2029	79.94
13	43.47	46.26	48.92	51.52	54.33	57.28	2030	81.46
14	44.27	47.01	49.62	52.18	54.92	57.87	2031	62.87
15	45.02	47.71	50.27	52.79	55.54	58.43	2032	64.42
16	45.71	48.36	50.88	53.41	56.12	58.99	2033	65.67
17	46.35	48.96	51.49	53.99	56.69	59.54	2034	67.26
18	46.95	49.57	52.07	54.57	57.25	60.70	2035	68.67
19	47.55	50.14	52.64	55.12	58.35	61.22	2036	71.40
20	48.11	50.69	53.19	56.17	58.87	61.74	2037	73.01
							2038	75.22
							2039	77.44
							2040	102.61
							2041	82.02
							2042	84.63
							2043	87.24

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

<b>AVISTA</b> <b>AVOIDED COST RATES FOR SEASONAL HYDRO PROJECTS</b> <b>June 01, 2018</b> \$/MWh <b>New Contracts and Replacement Contracts without Full Capacity Payments</b>								
<b>Eligibility for these rates is limited to projects smaller than 10 aMW.</b>								
<b>LEVELIZED</b>							<b>NON-LEVELIZED</b>	
<b>CONTRACT LENGTH (YEARS)</b>	<b>ON-LINE YEAR</b>						<b>CONTRACT YEAR</b>	<b>NON-LEVELIZED RATES</b>
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.13	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	41.02	2021	35.09
5	32.94	34.95	36.62	38.15	39.90	41.77	2022	36.18
6	33.66	35.67	37.41	38.94	40.66	42.44	2023	38.22
7	34.40	36.43	38.14	39.67	41.33	49.06	2024	40.22
8	35.16	37.13	38.83	40.33	46.99	54.16	2025	42.46
9	35.86	37.80	39.46	45.23	51.50	53.85	2026	43.90
10	36.53	38.42	43.75	49.24	51.42	53.70	2027	45.46
11	37.14	42.21	47.33	49.31	51.43	53.64	2028	46.67
12	40.54	45.44	47.49	49.43	51.50	53.66	2029	101.29
13	43.46	45.67	47.69	49.59	51.62	53.74	2030	103.12
14	43.75	45.92	47.90	49.78	51.78	53.91	2031	50.31
15	44.04	46.17	48.13	49.98	52.01	54.11	2032	51.67
16	44.33	46.43	48.37	50.24	52.25	54.35	2033	52.73
17	44.62	46.70	48.65	50.52	52.52	54.62	2034	54.13
18	44.91	47.00	48.94	50.81	52.81	56.59	2035	55.35
19	45.23	47.30	49.24	51.11	54.63	56.85	2036	57.88
20	45.54	47.61	49.55	52.80	54.92	57.14	2037	59.30
							2038	61.30
							2039	63.32
							2040	127.68
							2041	67.47
							2042	69.87
							2043	72.27

Note: A "seasonal hydro project" is defined as a generation facility which produces at least 55% of its annual generation during the months of June, July, and August. Order 32802.

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

AVISTA AVOIDED COST RATES FOR OTHER PROJECTS June 01, 2018 \$/MWh New Contracts and Replacement Contracts without Full Capacity Payments								
Eligibility for these rates is limited to projects smaller than 10 aMW.								
LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.13	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	46.01	2021	35.09
5	32.94	34.95	36.62	38.15	43.73	49.81	2022	36.18
6	33.66	35.67	37.41	42.01	47.08	52.54	2023	38.22
7	34.40	36.43	40.67	44.95	49.63	54.69	2024	40.22
8	35.16	39.25	43.27	47.30	51.71	56.42	2025	42.46
9	37.67	41.58	45.40	49.26	53.43	57.87	2026	66.36
10	39.79	43.54	47.22	50.91	54.89	59.14	2027	68.25
11	41.60	45.24	48.78	52.33	56.17	60.26	2028	69.79
12	43.19	46.71	50.14	53.59	57.31	61.27	2029	71.68
13	44.59	48.01	51.36	54.72	58.34	62.19	2030	73.07
14	45.83	49.18	52.45	55.74	59.28	63.09	2031	74.47
15	46.96	50.24	53.45	56.68	60.19	63.93	2032	76.19
16	47.98	51.21	54.37	57.58	61.04	64.73	2033	77.61
17	48.91	52.09	55.25	58.42	61.85	65.50	2034	79.37
18	49.78	52.95	56.07	59.22	62.62	66.24	2035	80.96
19	50.61	53.75	56.85	59.98	63.36	66.95	2036	83.87
20	51.38	54.50	57.59	60.71	64.07	67.64	2037	85.67
							2038	88.06
							2039	90.47
							2040	92.91
							2041	95.43
							2042	98.24
							2043	101.06

Note: "Other projects" refers to projects other than wind, solar, non-seasonal hydro, and seasonal hydro projects. These "Other projects" may include (but are not limited to): cogeneration, biomass, biogas, landfill gas, or geothermal projects.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

IDAHO POWER COMPANY AVOIDED COST RATES FOR WIND PROJECTS June 01, 2018 \$/MWh New Contracts and Replacement Contracts without Full Capacity Payments								
Eligibility for these rates is limited to projects 100 kW or smaller.								
LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.72	35.20	36.42	38.10	40.19	2020	34.47
4	32.26	34.27	35.87	37.26	39.07	41.77	2021	35.09
5	32.93	34.94	36.61	38.14	40.47	42.98	2022	36.18
6	33.65	35.66	37.40	39.39	41.61	43.96	2023	38.22
7	34.38	36.41	38.51	40.45	42.57	44.83	2024	40.22
8	35.13	37.43	39.48	41.36	43.43	45.58	2025	42.46
9	36.10	38.34	40.33	42.18	44.18	46.25	2026	47.31
10	36.98	39.15	41.11	42.92	44.85	46.87	2027	48.92
11	37.76	39.90	41.81	43.57	45.48	47.45	2028	50.18
12	38.49	40.58	42.45	44.19	46.05	47.99	2029	51.77
13	39.16	41.20	43.04	44.76	46.60	48.51	2030	52.88
14	39.76	41.78	43.59	45.29	47.11	49.05	2031	53.97
15	40.33	42.31	44.11	45.80	47.65	49.57	2032	55.39
16	40.85	42.82	44.60	46.32	48.16	50.08	2033	56.51
17	41.35	43.30	45.11	46.82	48.66	50.59	2034	57.96
18	41.82	43.78	45.58	47.30	49.15	51.09	2035	59.24
19	42.29	44.25	46.05	47.78	49.63	51.57	2036	61.82
20	42.74	44.70	46.51	48.25	50.11	52.06	2037	63.30
							2038	65.36
							2039	67.44
							2040	69.54
							2041	71.72
							2042	74.17
							2043	76.64

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

**IDAHO POWER COMPANY**  
**AVOIDED COST RATES FOR SOLAR PROJECTS**  
 June 01, 2018  
 \$/MWh

**New Contracts and Replacement Contracts without Full Capacity Payments**

Eligibility for these rates is limited to projects 100 kW or smaller.

LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.72	35.20	36.42	38.10	40.19	2020	34.47
4	32.26	34.27	35.87	37.26	39.07	48.72	2021	35.09
5	32.93	34.94	36.61	38.14	45.81	54.17	2022	36.18
6	33.65	35.66	37.40	43.65	50.56	58.02	2023	38.22
7	34.38	36.41	42.01	47.79	54.12	60.99	2024	40.22
8	35.13	40.37	45.63	51.04	56.97	63.34	2025	42.46
9	38.60	43.58	48.57	53.71	59.29	65.28	2026	78.74
10	41.49	46.25	51.03	55.93	61.24	66.95	2027	80.81
11	43.93	48.53	53.13	57.83	62.93	68.40	2028	82.54
12	46.05	50.49	54.93	59.49	64.41	69.70	2029	84.61
13	47.90	52.21	56.53	60.95	65.74	70.87	2030	86.19
14	49.52	53.74	57.95	62.27	66.94	71.98	2031	87.78
15	50.98	55.10	59.23	63.46	68.07	73.00	2032	89.69
16	52.29	56.34	60.40	64.59	69.11	73.97	2033	91.31
17	53.49	57.47	61.50	65.62	70.10	74.89	2034	93.27
18	54.58	58.54	62.51	66.60	71.02	75.76	2035	95.07
19	55.61	59.52	63.47	67.52	71.90	76.59	2036	98.18
20	56.57	60.45	64.37	68.39	72.73	77.39	2037	100.19
							2038	102.79
							2039	105.42
							2040	108.08
							2041	110.82
							2042	113.85
							2043	116.90

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

**IDAHO POWER COMPANY**  
**AVOIDED COST RATES FOR NON-SEASONAL HYDRO PROJECTS**  
 June 01, 2018

\$/MWh

**New Contracts and Replacement Contracts without Full Capacity Payments**

Eligibility for these rates is limited to projects smaller than 10 aMW.

LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.72	35.20	36.42	38.10	40.19	2020	34.47
4	32.26	34.27	35.87	37.26	39.07	48.05	2021	35.09
5	32.93	34.94	36.61	38.14	45.29	53.09	2022	36.18
6	33.65	35.66	37.40	43.24	49.69	56.66	2023	38.22
7	34.38	36.41	41.67	47.08	53.00	59.42	2024	40.22
8	35.13	40.08	45.04	50.10	55.65	61.62	2025	42.46
9	38.36	43.07	47.77	52.59	57.82	63.43	2026	75.69
10	41.05	45.56	50.07	54.67	59.65	65.00	2027	77.72
11	43.33	47.69	52.03	56.44	61.24	66.37	2028	79.40
12	45.32	49.53	53.72	58.00	62.63	67.59	2029	81.42
13	47.05	51.14	55.22	59.38	63.88	68.70	2030	82.96
14	48.58	52.58	56.56	60.62	65.01	69.75	2031	84.50
15	49.95	53.86	57.76	61.74	66.09	70.73	2032	86.36
16	51.18	55.03	58.86	62.81	67.08	71.65	2033	87.93
17	52.31	56.09	59.91	63.80	68.01	72.53	2034	89.85
18	53.34	57.11	60.87	64.73	68.90	73.36	2035	91.59
19	54.32	58.04	61.78	65.60	69.74	74.16	2036	94.65
20	55.22	58.92	62.63	66.43	70.54	74.93	2037	96.61
							2038	99.16
							2039	101.73
							2040	104.34
							2041	107.02
							2042	110.00
							2043	112.99

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

IDAHO POWER COMPANY AVOIDED COST RATES FOR SEASONAL HYDRO PROJECTS June 01, 2018 \$/MWh New Contracts and Replacement Contracts without Full Capacity Payments								
Eligibility for these rates is limited to projects smaller than 10 aMW.								
LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.72	35.20	36.42	38.10	40.19	2020	34.47
4	32.26	34.27	35.87	37.26	39.07	52.78	2021	35.09
5	32.93	34.94	36.61	38.14	48.92	60.70	2022	36.18
6	33.65	35.66	37.40	46.14	55.77	66.23	2023	38.22
7	34.38	36.41	44.05	52.08	60.86	70.41	2024	40.22
8	35.13	42.08	49.23	56.69	64.87	73.70	2025	42.46
9	40.06	46.64	53.37	60.43	68.11	76.39	2026	97.08
10	44.12	50.39	56.82	63.52	70.80	78.67	2027	99.42
11	47.53	53.56	59.73	66.14	73.12	80.63	2028	101.42
12	50.46	56.28	62.22	68.41	75.12	82.36	2029	103.76
13	53.00	58.63	64.40	70.40	76.91	83.91	2030	105.63
14	55.22	60.71	66.32	72.17	78.50	85.35	2031	107.50
15	57.20	62.56	68.05	73.76	79.98	86.67	2032	109.70
16	58.97	64.23	69.61	75.24	81.34	87.91	2033	111.61
17	60.57	65.74	71.06	76.60	82.60	89.06	2034	113.87
18	62.02	67.15	72.39	77.86	83.78	90.15	2035	115.97
19	63.38	68.44	73.62	79.03	84.89	91.18	2036	119.39
20	64.63	69.64	74.78	80.14	85.93	92.16	2037	121.71
							2038	124.63
							2039	127.58
							2040	130.56
							2041	133.63
							2042	137.00
							2043	140.38

Note: A "seasonal hydro project" is defined as a generation facility which produces at least 55% of its annual generation during the months of June, July, and August. Order 32802.

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)



**IDAHO POWER COMPANY**  
**AVOIDED COST RATES FOR OTHER PROJECTS**  
**June 01, 2018**

\$/MWh

**New Contracts and Replacement Contracts without Full Capacity Payments**

Eligibility for these rates is limited to projects smaller than 10 aMW.

CONTRACT LENGTH (YEARS)	LEVELIZED						NON-LEVELIZED	
	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.72	35.20	36.42	38.10	40.19	2020	34.47
4	32.26	34.27	35.87	37.26	39.07	46.21	2021	35.09
5	32.93	34.94	36.61	38.14	43.88	50.14	2022	36.18
6	33.65	35.66	37.40	42.11	47.33	52.95	2023	38.22
7	34.38	36.41	40.75	45.14	49.95	55.16	2024	40.22
8	35.13	39.31	43.42	47.55	52.09	56.94	2025	42.46
9	37.70	41.69	45.60	49.55	53.84	58.42	2026	67.41
10	39.86	43.69	47.46	51.24	55.33	59.71	2027	69.31
11	41.71	45.42	49.05	52.69	56.64	60.85	2028	70.87
12	43.33	46.92	50.43	53.97	57.79	61.87	2029	72.77
13	44.75	48.24	51.67	55.11	58.84	62.81	2030	74.18
14	46.00	49.42	52.77	56.15	59.79	63.71	2031	75.59
15	47.14	50.49	53.78	57.09	60.71	64.56	2032	77.32
16	48.17	51.47	54.70	58.00	61.56	65.36	2033	78.76
17	49.11	52.36	55.59	58.84	62.37	66.13	2034	80.54
18	49.98	53.22	56.41	59.64	63.14	66.86	2035	82.15
19	50.81	54.02	57.19	60.40	63.87	67.57	2036	85.07
20	51.58	54.77	57.93	61.13	64.58	68.26	2037	86.89
							2038	89.30
							2039	91.73
							2040	94.18
							2041	96.72
							2042	99.55
							2043	102.38

Note: "Other projects" refers to projects other than wind, solar, non-seasonal hydro, and seasonal hydro projects. These "Other projects" may include (but are not limited to): cogeneration, biomass, biogas, landfill gas, or geothermal projects.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

<b>PACIFICORP</b> <b>AVOIDED COST RATES FOR WIND PROJECTS</b> <b>June 01, 2018</b> \$/MWh <b>New Contracts and Replacement Contracts without Full Capacity Payments</b>								
<b>Eligibility for these rates is limited to projects 100 kW or smaller.</b>								
<b>LEVELIZED</b>							<b>NON-LEVELIZED</b>	
<b>CONTRACT LENGTH (YEARS)</b>	<b>ON-LINE YEAR</b>						<b>CONTRACT YEAR</b>	<b>NON-LEVELIZED RATES</b>
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	41.02	2021	35.09
5	32.93	34.94	36.61	38.15	39.89	41.77	2022	36.18
6	33.66	35.66	37.41	38.93	40.65	42.91	2023	38.22
7	34.39	36.43	38.14	39.66	41.71	43.89	2024	40.22
8	35.15	37.13	38.83	40.65	42.65	44.73	2025	42.46
9	35.85	37.80	39.73	41.53	43.46	45.47	2026	43.90
10	36.52	38.65	40.56	42.31	44.19	46.15	2027	45.46
11	37.33	39.43	41.29	43.01	44.85	46.76	2028	50.10
12	38.09	40.14	41.96	43.66	45.46	47.35	2029	51.69
13	38.78	40.78	42.58	44.25	46.04	47.90	2030	52.80
14	39.40	41.38	43.15	44.81	46.59	48.47	2031	53.89
15	39.99	41.93	43.70	45.34	47.14	49.02	2032	55.31
16	40.53	42.46	44.21	45.88	47.67	49.55	2033	56.43
17	41.05	42.96	44.73	46.40	48.20	50.08	2034	57.88
18	41.53	43.46	45.22	46.90	48.71	50.60	2035	59.15
19	42.02	43.94	45.71	47.40	49.21	51.11	2036	61.74
20	42.48	44.40	46.18	47.88	49.70	51.61	2037	63.21
							2038	65.27
							2039	67.35
							2040	69.45
							2041	71.62
							2042	74.08
							2043	76.54

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

<b>PACIFICORP</b> <b>AVOIDED COST RATES FOR SOLAR PROJECTS</b> <b>June 01, 2018</b> \$/MWh <b>New Contracts and Replacement Contracts without Full Capacity Payments</b>								
<b>Eligibility for these rates is limited to projects 100 kW or smaller.</b>								
<b>LEVELIZED</b>							<b>NON-LEVELIZED</b>	
<b>CONTRACT LENGTH (YEARS)</b>	<b>ON-LINE YEAR</b>						<b>CONTRACT YEAR</b>	<b>NON-LEVELIZED RATES</b>
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	41.02	2021	35.09
5	32.93	34.94	36.61	38.15	39.89	41.77	2022	36.18
6	33.66	35.66	37.41	38.93	40.65	47.23	2023	38.22
7	34.39	36.43	38.14	39.66	45.26	51.33	2024	40.22
8	35.15	37.13	38.83	43.63	48.89	54.54	2025	42.46
9	35.85	37.80	42.27	46.85	51.82	57.14	2026	43.90
10	36.52	40.83	45.14	49.51	54.25	59.33	2027	45.46
11	39.24	43.42	47.56	51.76	56.33	61.20	2028	81.77
12	41.59	45.63	49.64	53.72	58.13	62.85	2029	83.82
13	43.63	47.56	51.47	55.43	59.73	64.31	2030	85.40
14	45.42	49.27	53.08	56.96	61.16	65.68	2031	86.97
15	47.03	50.79	54.53	58.34	62.49	66.92	2032	88.87
16	48.46	52.17	55.84	59.63	63.71	68.07	2033	90.48
17	49.77	53.41	57.08	60.80	64.84	69.16	2034	92.44
18	50.96	54.59	58.21	61.90	65.90	70.17	2035	94.22
19	52.08	55.67	59.26	62.93	66.90	71.13	2036	97.32
20	53.11	56.68	60.25	63.90	67.84	72.05	2037	99.31
							2038	101.91
							2039	104.52
							2040	107.16
							2041	109.89
							2042	112.92
							2043	115.95

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

**PACIFICORP**  
**AVOIDED COST RATES FOR NON-SEASONAL HYDRO PROJECTS**  
**June 01, 2018**  
 \$/MWh

**New Contracts and Replacement Contracts without Full Capacity Payments**

Eligibility for these rates is limited to projects smaller than 10 aMW.

		LEVELIZED					NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	41.02	2021	35.09
5	32.93	34.94	36.61	38.15	39.89	41.77	2022	36.18
6	33.66	35.66	37.41	38.93	40.65	46.81	2023	38.22
7	34.39	36.43	38.14	39.66	44.92	50.61	2024	40.22
8	35.15	37.13	38.83	43.34	48.29	53.58	2025	42.46
9	35.85	37.80	42.02	46.33	51.01	56.00	2026	43.90
10	36.52	40.62	44.69	48.81	53.27	58.05	2027	45.46
11	39.05	43.03	46.95	50.91	55.22	59.80	2028	78.69
12	41.25	45.10	48.89	52.74	56.90	61.35	2029	80.71
13	43.16	46.90	50.61	54.35	58.40	62.72	2030	82.23
14	44.84	48.50	52.12	55.79	59.74	64.01	2031	83.76
15	46.34	49.93	53.48	57.08	61.00	65.18	2032	85.62
16	47.69	51.22	54.71	58.29	62.15	66.28	2033	87.18
17	48.92	52.40	55.88	59.41	63.22	67.30	2034	89.08
18	50.04	53.51	56.94	60.45	64.23	68.27	2035	90.81
19	51.10	54.53	57.95	61.43	65.18	69.19	2036	93.86
20	52.08	55.49	58.89	62.35	66.08	70.06	2037	95.81
							2038	98.35
							2039	100.91
							2040	103.50
							2041	106.18
							2042	109.15
							2043	112.12

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

<b>PACIFICORP</b> <b>AVOIDED COST RATES FOR SEASONAL HYDRO PROJECTS</b> <b>June 01, 2018</b> \$/MWh <b>New Contracts and Replacement Contracts without Full Capacity Payments</b>								
<b>Eligibility for these rates is limited to projects smaller than 10 aMW.</b>								
<b>LEVELIZED</b>							<b>NON-LEVELIZED</b>	
<b>CONTRACT LENGTH (YEARS)</b>	<b>ON-LINE YEAR</b>						<b>CONTRACT YEAR</b>	<b>NON-LEVELIZED RATES</b>
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	41.02	2021	35.09
5	32.93	34.94	36.61	38.15	39.89	41.77	2022	36.18
6	33.66	35.66	37.41	38.93	40.65	49.75	2023	38.22
7	34.39	36.43	38.14	39.66	47.33	55.67	2024	40.22
8	35.15	37.13	38.83	45.36	52.53	60.26	2025	42.46
9	35.85	37.80	43.75	49.95	56.69	63.94	2026	43.90
10	36.52	42.11	47.81	53.71	60.12	67.02	2027	45.46
11	40.35	45.75	51.22	56.87	63.02	69.63	2028	100.24
12	43.63	48.84	54.12	59.59	65.52	71.89	2029	102.57
13	46.46	51.52	56.65	61.96	67.71	73.88	2030	104.42
14	48.94	53.87	58.87	64.05	69.65	75.71	2031	106.27
15	51.13	55.96	60.85	65.92	71.44	77.36	2032	108.45
16	53.09	57.83	62.63	67.64	73.06	78.88	2033	110.35
17	54.85	59.51	64.28	69.21	74.55	80.28	2034	112.59
18	56.45	61.08	65.78	70.65	75.93	81.59	2035	114.67
19	57.94	62.51	67.17	72.00	77.22	82.81	2036	118.07
20	59.31	63.84	68.46	73.25	78.42	83.97	2037	120.37
							2038	123.27
							2039	126.20
							2040	129.16
							2041	132.22
							2042	135.57
							2043	138.93

Note: A "seasonal hydro project" is defined as a generation facility which produces at least 55% of its annual generation during the months of June, July, and August. Order 32802.

Note: These rates will be further adjusted with the applicable integration charge.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)

PACIFICORP AVOIDED COST RATES FOR OTHER PROJECTS June 01, 2018 \$/MWh New Contracts and Replacement Contracts without Full Capacity Payments								
Eligibility for these rates is limited to projects smaller than 10 aMW.								
LEVELIZED							NON-LEVELIZED	
CONTRACT LENGTH (YEARS)	ON-LINE YEAR						CONTRACT YEAR	NON-LEVELIZED RATES
	2018	2019	2020	2021	2022	2023		
1	28.51	31.87	34.47	35.09	36.18	38.22	2018	28.51
2	30.12	33.12	34.77	35.61	37.16	39.18	2019	31.87
3	31.46	33.73	35.20	36.42	38.10	40.19	2020	34.47
4	32.27	34.27	35.87	37.26	39.07	41.02	2021	35.09
5	32.93	34.94	36.61	38.15	39.89	41.77	2022	36.18
6	33.66	35.66	37.41	38.93	40.65	45.67	2023	38.22
7	34.39	36.43	38.14	39.66	43.98	48.65	2024	40.22
8	35.15	37.13	38.83	42.55	46.64	51.00	2025	42.46
9	35.85	37.80	41.35	44.93	48.81	52.93	2026	43.90
10	36.52	40.05	43.49	46.91	50.62	54.58	2027	45.46
11	38.55	41.98	45.30	48.61	52.19	56.00	2028	70.35
12	40.33	43.65	46.87	50.09	53.56	57.26	2029	72.24
13	41.88	45.12	48.26	51.40	54.79	58.39	2030	73.65
14	43.25	46.42	49.50	52.58	55.90	59.47	2031	75.05
15	44.49	47.60	50.63	53.65	56.96	60.46	2032	76.77
16	45.60	48.67	51.65	54.67	57.93	61.40	2033	78.21
17	46.62	49.64	52.62	55.61	58.84	62.28	2034	79.98
18	47.56	50.58	53.52	56.50	59.70	63.12	2035	81.58
19	48.45	51.44	54.37	57.33	60.52	63.91	2036	84.49
20	49.28	52.26	55.18	58.13	61.30	64.68	2037	86.30
							2038	88.70
							2039	91.12
							2040	93.57
							2041	96.10
							2042	98.91
							2043	101.74

Note: "Other projects" refers to projects other than wind, solar, non-seasonal hydro, and seasonal hydro projects. These "Other projects" may include (but are not limited to): cogeneration, biomass, biogas, landfill gas, or geothermal projects.

Note: The rates shown in this table have been computed using the U.S. Energy Information Administration (EIA)'s Annual Energy Outlook 2018, released February 2018. See Annual Energy Outlook 2018, Table 3.8 Energy Prices by Sector-Mountain at [https://www.eia.gov/outlooks/aeo/tables\\_ref.php](https://www.eia.gov/outlooks/aeo/tables_ref.php)