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April 30, 2021

VIA ELECTRONIC FILING

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

Re: Docket UM 1730(6)
Idaho Power Company's 2021 Annual May Update of Avoided Cost Rates
and Post 2019 Integrated Resource Plan ("IRP") Acknowledgment Avoided
Cost Update – Schedule 85, Cogeneration and Small Power Production
Standard Contract Rates

Dear Filing Center:

In compliance with ORS 757.205, ORS 758.525 and Order No. 14-058 of Docket UM 1610, as well as Order No. 05-584 of Docket UM 1129, Idaho Power Company ("Idaho Power" or "Company") hereby submits for filing its revised Schedule 85, Cogeneration and Small Power Production Standard Contract Rates, Sheet Nos. 85-6 through 85-8, in both clean and redlined formats. The Company's filing includes updates to Idaho Power's standard avoided cost schedule (Schedule 85) and its standard avoided costs.

Fourteenth Revised Sheet No. 85-6	Schedule 85	Cogeneration and Small Power Production Standard Contract Rates
Eleventh Revised Sheet No. 85-7	Schedule 85	Cogeneration and Small Power Production Standard Contract Rates
Eleventh Revised Sheet No. 85-8	Schedule 85	Cogeneration and Small Power Production Standard Contract Rates

This filing is in accordance with Order Nos. 14-058 and 05-584, which require utilities to update avoided cost prices within 30 days of acknowledgment of an Integrated Resource Plan ("IRP"). This filing updates standard avoided cost prices consistent with

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Idaho Power's acknowledged 2019 IRP, including an updated first capacity deficiency date of August 2028, in addition to other inputs and assumptions consistent with the acknowledged 2019 IRP. Idaho Power's 2019 IRP was acknowledged at the Public Utility Commission of Oregon's public meeting on April 15, 2021.

This filing is also in accordance with the May 1, annual updates directed by Order No. 14-058 of Docket UM 1610, issued February 24, 2014, and Errata Order No. 14-114 issued April 7, 2014. The filing updates standard avoided cost prices utilizing updated natural gas prices and updated on- and off-peak forward-looking electricity market prices, as directed by Order No. 14-058. For updated natural gas prices, Idaho Power utilized the most recent release of the same forecast used in Idaho Power's acknowledged 2019 IRP as well as the Company's previous two updates to Schedule 85 standard avoided cost prices (Dockets UM 1730(5) and UM 2001). The updated release is the Long-term Henry Hub and Sumas Basis Annuals from S&P Global Platt's Long-term Forecast, published April 4, 2021, adjusted for transport for Idaho City Gate delivery. Idaho Power also updated on- and off-peak electric market prices, utilizing forward monthly market quoted prices at mid-Columbia from Inter-Continental Exchange as of April 7, 2021.

Consistent with the Company's 2020 avoided cost price update, the Company requests an effective date of June 16, 2021, which is the day following the Commission's June 15, 2021 Public Meeting.

The confidential workpapers used to prepare this filing have been filed with the Commission at the following electronic address: puc.workpapers@puc.oregon.gov.

If you have any questions, please do not hesitate to contact Nicole Blackwell at (208) 388-5764 or Donovan E. Walker at (208) 388-5317.

Sincerely,



Adam Lowney

Attachments

SCHEDULE 85
 COGENERATION AND SMALL POWER
 PRODUCTION STANDARD
 CONTRACT RATES
 (Continued)

AVOIDED COST PRICE
 Standard Avoided Cost Prices for Baseload QF

Year	On-Peak	Off-Peak
	\$/MWh	\$/MWh
	(a)	(b)
2021	\$41.44	\$27.11
2022	\$37.58	\$25.29
2023	\$35.87	\$24.91
2024	\$34.74	\$25.58
2025	\$35.61	\$25.99
2026	\$35.71	\$26.95
2027	\$36.00	\$27.39
2028	\$48.06	\$28.40
2029	\$49.81	\$29.72
2030	\$51.58	\$31.05
2031	\$53.37	\$32.39
2032	\$54.84	\$33.40
2033	\$56.03	\$34.12
2034	\$57.24	\$34.84
2035	\$58.44	\$35.55
2036	\$59.65	\$36.26
2037	\$60.90	\$37.00
2038	\$62.13	\$37.70
2039	\$63.39	\$38.42
2040	\$64.49	\$38.97
2041	\$65.21	\$39.13
2042	\$65.93	\$39.27
2043	\$66.67	\$39.43
2044	\$67.42	\$39.58
2045	\$68.20	\$39.75

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Notes:

- (a) On-peak capacity value of the Proxy Baseload resource plus Fuel and Capitalized Energy Cost of the Proxy Baseload resource. 2021-2027 On-peak Market Prices.
- (b) Fuel and Capitalized Energy Cost of the Proxy Baseload resource. 2021-2027 Off-Peak Market Prices.

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SCHEDULE 85
COGENERATION AND SMALL POWER
PRODUCTION STANDARD
CONTRACT RATES
(Continued)

Standard Avoided Cost Prices with Integration Charges for a PV Solar QF

Year	On-Peak	Off-Peak	PV Solar Integration Charge	On-Peak with Integration Charge	Off-Peak with Integration Charge
	(\$/MWh)	\$/MWh		\$/MWh	\$/MWh
	(a)	(b)	(c)	(d) (a)-(c)	(e) (b)-(c)
2021	\$41.44	\$27.11	\$0.80	\$40.64	\$26.31
2022	\$37.58	\$25.29	\$0.81	\$36.77	\$24.48
2023	\$35.87	\$24.91	\$0.83	\$35.04	\$24.08
2024	\$34.74	\$25.58	\$0.85	\$33.89	\$24.73
2025	\$35.61	\$25.99	\$0.87	\$34.74	\$25.12
2026	\$35.71	\$26.95	\$0.89	\$34.82	\$26.06
2027	\$36.00	\$27.39	\$0.91	\$35.09	\$26.48
2028	\$46.23	\$28.40	\$0.93	\$45.30	\$27.47
2029	\$47.94	\$29.72	\$0.95	\$46.99	\$28.77
2030	\$49.67	\$31.05	\$0.97	\$48.70	\$30.08
2031	\$51.42	\$32.39	\$0.99	\$50.43	\$31.40
2032	\$52.85	\$33.40	\$1.01	\$51.84	\$32.39
2033	\$54.00	\$34.12	\$1.03	\$52.97	\$33.09
2034	\$55.15	\$34.84	\$1.06	\$54.09	\$33.78
2035	\$56.31	\$35.55	\$1.08	\$55.23	\$34.47
2036	\$57.48	\$36.26	\$1.10	\$56.38	\$35.16
2037	\$58.68	\$37.00	\$1.13	\$57.55	\$35.87
2038	\$59.86	\$37.70	\$1.15	\$58.71	\$36.55
2039	\$61.07	\$38.42	\$1.18	\$59.89	\$37.24
2040	\$62.12	\$38.97	\$1.20	\$60.92	\$37.77
2041	\$62.79	\$39.13	\$1.23	\$61.56	\$37.90
2042	\$63.45	\$39.27	\$1.26	\$62.19	\$38.01
2043	\$64.14	\$39.43	\$1.28	\$62.86	\$38.15
2044	\$64.83	\$39.58	\$1.31	\$63.52	\$38.27
2045	\$65.56	\$39.75	\$1.34	\$64.22	\$38.41

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Notes:

- (a) Value of on-peak capacity allocated to on-peak hours of a PV Solar resource plus Fuel and Capitalized Energy Cost of the Proxy Baseload resource.
- (b) Fuel and Capitalized Energy Cost of the Proxy Baseload resource.
- (c) Solar Integration Charges based on current penetration level of 401-500 MW. The integration charge will be updated when the next penetration level is reached.
- (d) 2021 - 2027 On-Peak Market Prices
- (e) 2021 - 2027 Off-Peak Market Prices

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SCHEDULE 85
COGENERATION AND SMALL POWER
PRODUCTION STANDARD
CONTRACT RATES
(Continued)

AVOIDED COST PRICE
Standard Avoided Cost Prices for Baseload QF

Year	On-Peak	Off-Peak
	\$/MWh	\$/MWh
	(a)	(b)
2020	\$26.16	\$20.25
2021	\$32.49	\$22.89
2022	\$32.96	\$24.35
2023	\$33.60	\$24.48
2024	\$33.60	\$24.67
2025	\$33.85	\$24.96
2026	\$46.73	\$26.54
2027	\$48.59	\$27.98
2028	\$50.70	\$29.66
2029	\$52.17	\$30.68
2030	\$53.32	\$31.38
2031	\$54.58	\$32.18
2032	\$55.53	\$32.66
2033	\$56.81	\$33.46
2034	\$57.70	\$33.86
2035	\$58.69	\$34.35
2036	\$59.77	\$34.92
2037	\$60.60	\$35.23
2038	\$61.45	\$35.54
2039	\$62.30	\$35.85
2040	\$63.22	\$36.21
2041	\$63.92	\$36.35
2042	\$64.63	\$36.48
2043	\$65.36	\$36.62
2044	\$66.10	\$36.76
2021	\$41.44	\$27.11
2022	\$37.58	\$25.29
2023	\$35.87	\$24.91
2024	\$34.74	\$25.58
2025	\$35.61	\$25.99
2026	\$35.71	\$26.95
2027	\$36.00	\$27.39
2028	\$48.06	\$28.40
2029	\$49.81	\$29.72
2030	\$51.58	\$31.05
2031	\$53.37	\$32.39
2032	\$54.84	\$33.40
2033	\$56.03	\$34.12
2034	\$57.24	\$34.84

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CANCELS

~~TWELFTH~~ THIRTEENTH REVISED SHEET NO. 85-6

<u>2035</u>	<u>\$58.44</u>	<u>\$35.55</u>
<u>2036</u>	<u>\$59.65</u>	<u>\$36.26</u>
<u>2037</u>	<u>\$60.90</u>	<u>\$37.00</u>
<u>2038</u>	<u>\$62.13</u>	<u>\$37.70</u>
<u>2039</u>	<u>\$63.39</u>	<u>\$38.42</u>
<u>2040</u>	<u>\$64.49</u>	<u>\$38.97</u>
<u>2041</u>	<u>\$65.21</u>	<u>\$39.13</u>
<u>2042</u>	<u>\$65.93</u>	<u>\$39.27</u>
<u>2043</u>	<u>\$66.67</u>	<u>\$39.43</u>
<u>2044</u>	<u>\$67.42</u>	<u>\$39.58</u>
<u>2045</u>	<u>\$68.20</u>	<u>\$39.75</u>

Notes:

- (a) ~~Value of~~ On-peak capacity value of the Proxy-allocated to on-peak hours of a Baseload resource plus Fuel and Capitalized Energy Cost of the Proxy Baseload resource. 20210-20275 On-peak Market Prices.
- (b) Fuel and Capitalized Energy Cost of the Proxy ~~CCCT~~ Baseload resource. 20210-20275 Off-Peak Market Prices.

<u>2031</u>	<u>\$36.14</u>	<u>\$32.39</u>	<u>\$25.71</u>	<u>\$10.43</u>	<u>\$6.68</u>
<u>2032</u>	<u>\$37.23</u>	<u>\$33.40</u>	<u>\$26.48</u>	<u>\$10.75</u>	<u>\$6.92</u>
<u>2033</u>	<u>\$38.03</u>	<u>\$34.12</u>	<u>\$27.27</u>	<u>\$10.76</u>	<u>\$6.85</u>
<u>2034</u>	<u>\$38.84</u>	<u>\$34.84</u>	<u>\$28.09</u>	<u>\$10.75</u>	<u>\$6.75</u>
<u>2035</u>	<u>\$39.64</u>	<u>\$35.55</u>	<u>\$28.93</u>	<u>\$10.71</u>	<u>\$6.62</u>
<u>2036</u>	<u>\$40.44</u>	<u>\$36.26</u>	<u>\$29.80</u>	<u>\$10.64</u>	<u>\$6.46</u>
<u>2037</u>	<u>\$41.27</u>	<u>\$37.00</u>	<u>\$30.70</u>	<u>\$10.57</u>	<u>\$6.30</u>
<u>2038</u>	<u>\$42.06</u>	<u>\$37.70</u>	<u>\$31.62</u>	<u>\$10.44</u>	<u>\$6.08</u>
<u>2039</u>	<u>\$42.88</u>	<u>\$38.42</u>	<u>\$32.57</u>	<u>\$10.31</u>	<u>\$5.85</u>
<u>2040</u>	<u>\$43.53</u>	<u>\$38.97</u>	<u>\$33.28</u>	<u>\$10.25</u>	<u>\$5.69</u>
<u>2041</u>	<u>\$43.79</u>	<u>\$39.13</u>	<u>\$34.01</u>	<u>\$9.78</u>	<u>\$5.12</u>
<u>2042</u>	<u>\$44.03</u>	<u>\$39.27</u>	<u>\$34.76</u>	<u>\$9.27</u>	<u>\$4.51</u>
<u>2043</u>	<u>\$44.29</u>	<u>\$39.43</u>	<u>\$35.53</u>	<u>\$8.76</u>	<u>\$3.90</u>
<u>2044</u>	<u>\$44.55</u>	<u>\$39.58</u>	<u>\$36.31</u>	<u>\$8.24</u>	<u>\$3.27</u>
<u>2045</u>	<u>\$44.83</u>	<u>\$39.75</u>	<u>\$37.11</u>	<u>\$7.72</u>	<u>\$2.64</u>

Notes

- (a) Value of on-peak capacity allocated to on-peak hours of a Wind resource plus Fuel and Capitalized Energy Cost of the Proxy Baseload resource.
- (b) Fuel and Capitalized Energy Cost of the Proxy Baseload resource.~~CCCT~~
- (c) Wind Integration Charges based on current penetration level of 701 - 800 MW
The integration charge will be updated when the next penetration level is reached.
- (d) ~~20210-20275~~ On-Peak Market Prices
- (e) ~~20210-20275~~ Off-Peak Market Prices

SCHEDULE 85
COGENERATION AND SMALL POWER
PRODUCTION STANDARD
CONTRACT RATES
(Continued)

Standard Avoided Cost Prices with Integration Charges for a PV Solar QF

Year	On-Peak	Off-Peak	PV Solar Integration Charge	On-Peak with Integration Charge	Off-Peak with Integration Charge
	(\$/MWh)	\$/MWh		\$/MWh	\$/MWh
	(a)	(b)	(c)	(d) (a)-(c)	(e) (b)-(c)
2020	\$26.16	\$20.25	\$0.78	\$25.38	\$19.47
2021	\$32.49	\$22.89	\$0.80	\$31.69	\$22.09
2022	\$32.96	\$24.35	\$0.81	\$32.15	\$23.54
2023	\$33.60	\$24.48	\$0.83	\$32.77	\$23.65
2024	\$33.60	\$24.67	\$0.85	\$32.75	\$23.82
2025	\$33.85	\$24.96	\$0.87	\$32.98	\$24.09
2026	\$51.57	\$26.54	\$0.89	\$50.68	\$25.65
2027	\$53.53	\$27.98	\$0.91	\$52.62	\$27.07
2028	\$55.75	\$29.66	\$0.93	\$54.82	\$28.73
2029	\$57.32	\$30.68	\$0.95	\$56.37	\$29.73
2030	\$58.58	\$31.38	\$0.97	\$57.61	\$30.41
2031	\$59.95	\$32.18	\$0.99	\$58.96	\$31.19
2032	\$61.04	\$32.66	\$1.01	\$60.00	\$31.65
2033	\$62.44	\$33.46	\$1.03	\$61.38	\$32.43
2034	\$63.42	\$33.86	\$1.06	\$62.36	\$32.80
2035	\$64.53	\$34.35	\$1.08	\$63.45	\$33.27
2036	\$65.73	\$34.92	\$1.10	\$64.63	\$33.82
2037	\$66.69	\$35.23	\$1.13	\$65.56	\$34.10
2038	\$67.66	\$35.54	\$1.15	\$66.51	\$34.39
2039	\$68.64	\$35.85	\$1.18	\$67.46	\$34.67
2040	\$69.69	\$36.21	\$1.20	\$68.49	\$35.01
2041	\$70.53	\$36.35	\$1.23	\$69.30	\$35.12
2042	\$71.38	\$36.48	\$1.26	\$70.12	\$35.22
2043	\$72.25	\$36.62	\$1.28	\$70.97	\$35.34
2044	\$73.14	\$36.76	\$1.31	\$71.83	\$35.45
2021	\$41.44	\$27.11	\$0.80	\$40.64	\$26.31
2022	\$37.58	\$25.29	\$0.81	\$36.77	\$24.48
2023	\$35.87	\$24.91	\$0.83	\$35.04	\$24.08
2024	\$34.74	\$25.58	\$0.85	\$33.89	\$24.73
2025	\$35.61	\$25.99	\$0.87	\$34.74	\$25.12
2026	\$35.71	\$26.95	\$0.89	\$34.82	\$26.06
2027	\$36.00	\$27.39	\$0.91	\$35.09	\$26.48
2028	\$46.23	\$28.40	\$0.93	\$45.30	\$27.47
2029	\$47.94	\$29.72	\$0.95	\$46.99	\$28.77
2030	\$49.67	\$31.05	\$0.97	\$48.70	\$30.08

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CANCELS

~~NINTENTH~~ SHEET NO. 85-8

<u>2031</u>	<u>\$51.42</u>	<u>\$32.39</u>	<u>\$0.99</u>	<u>\$50.43</u>	<u>\$31.40</u>
<u>2032</u>	<u>\$52.85</u>	<u>\$33.40</u>	<u>\$1.01</u>	<u>\$51.84</u>	<u>\$32.39</u>
<u>2033</u>	<u>\$54.00</u>	<u>\$34.12</u>	<u>\$1.03</u>	<u>\$52.97</u>	<u>\$33.09</u>
<u>2034</u>	<u>\$55.15</u>	<u>\$34.84</u>	<u>\$1.06</u>	<u>\$54.09</u>	<u>\$33.78</u>
<u>2035</u>	<u>\$56.31</u>	<u>\$35.55</u>	<u>\$1.08</u>	<u>\$55.23</u>	<u>\$34.47</u>
<u>2036</u>	<u>\$57.48</u>	<u>\$36.26</u>	<u>\$1.10</u>	<u>\$56.38</u>	<u>\$35.16</u>
<u>2037</u>	<u>\$58.68</u>	<u>\$37.00</u>	<u>\$1.13</u>	<u>\$57.55</u>	<u>\$35.87</u>
<u>2038</u>	<u>\$59.86</u>	<u>\$37.70</u>	<u>\$1.15</u>	<u>\$58.71</u>	<u>\$36.55</u>
<u>2039</u>	<u>\$61.07</u>	<u>\$38.42</u>	<u>\$1.18</u>	<u>\$59.89</u>	<u>\$37.24</u>
<u>2040</u>	<u>\$62.12</u>	<u>\$38.97</u>	<u>\$1.20</u>	<u>\$60.92</u>	<u>\$37.77</u>
<u>2041</u>	<u>\$62.79</u>	<u>\$39.13</u>	<u>\$1.23</u>	<u>\$61.56</u>	<u>\$37.90</u>
<u>2042</u>	<u>\$63.45</u>	<u>\$39.27</u>	<u>\$1.26</u>	<u>\$62.19</u>	<u>\$38.01</u>
<u>2043</u>	<u>\$64.14</u>	<u>\$39.43</u>	<u>\$1.28</u>	<u>\$62.86</u>	<u>\$38.15</u>
<u>2044</u>	<u>\$64.83</u>	<u>\$39.58</u>	<u>\$1.31</u>	<u>\$63.52</u>	<u>\$38.27</u>
<u>2045</u>	<u>\$65.56</u>	<u>\$39.75</u>	<u>\$1.34</u>	<u>\$64.22</u>	<u>\$38.41</u>

Notes:

- Value of on-peak capacity allocated to on-peak hours of a ~~Fixed-PV Utility~~ Solar resource plus Fuel and Capitalized Energy Cost of the Proxy Baseload resource.
- (a) Fuel and Capitalized Energy Cost of the
- (b) Proxy Baseload resource~~CCCT~~.
- (c) Solar Integration Charges based on current penetration level of 401-500 MW. The ~~Integration Charge~~ will be updated when the next penetration level is reached.
- (d) ~~20210~~ - ~~20275~~ On-Peak Market Prices
- (e) ~~20210~~ - ~~20275~~ Off-Peak Market Prices