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April 26, 2022

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(7)
Idaho Power Company's 2022 Annual May Update of Avoided Cost Rates
– Schedule 85, Cogeneration and Small Power Production Standard
Contract Rates

Dear Filing Center:

In compliance with ORS 757.205, ORS 758.525, OAR 860-029-0080(7)(a), and OAR 860-029-0085(4)(a), 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.

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

This filing is in accordance with the May 1, annual updates directed by OAR 860-029-0080(7)(a), and OAR 860-029-0085(4)(a). The filing updates standard avoided cost prices using updated natural gas prices and updated on- and off-peak forward-looking

electricity market prices, as directed by OAR 860-029-0080(7)(a), and OAR 860-029-0085(4)(a). For updated natural gas prices, Idaho Power used the most recent release of the same forecast used in Idaho Power's acknowledged 2019 Integrated Resource Plan (IRP) as well as the Company's two previous updates to Schedule 85 standard avoided cost prices (UM 1730(6) and UM 1730(5)). The updated release is the Long-term Henry Hub and Sumas Basis Annuals from S&P Global Platt's Long-term Forecast, published March 8, 2022, 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, 2022.

The Company is also proposing to update its resources sufficiency date in this filing as an "out-of-period" update to its resource sufficiency period. Normally, the sufficiency period is only updated upon acknowledgment of an IRP. However, the Company has filed its 2021 IRP, which indicated a resource deficiency period beginning in 2023. To meet that deficiency, Idaho Power filed a request for a waiver of Oregon's competitive bidding rules (docket UM 2210) and submitted requests for proposals for capacity to meet resource needs in 2023 through 2025. When the Commission addressed the Company's competitive bidding rule waiver request at its March 8, 2022, public meeting, the Company agreed that its next avoided cost update filing would incorporate the updated resource deficiency date reflected in the 2021 IRP. No other changes were made to the other IRP-based assumptions used to derive avoided costs.

Consistent with the Company's 2021 avoided cost price update, the Company requests an effective date of June 29, 2022, which is the day following the Commission's June 28, 2022 Public Meeting.

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

If you have any questions, please do not hesitate to contact Mark Annis at (208) 388-5208 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)
2022	\$71.45	\$50.64
2023	\$46.72	\$29.09
2024	\$44.83	\$26.81
2025	\$46.94	\$28.53
2026	\$47.40	\$28.58
2027	\$47.68	\$28.45
2028	\$48.24	\$28.58
2029	\$49.73	\$29.64
2030	\$51.22	\$30.69
2031	\$53.39	\$32.41
2032	\$55.26	\$33.82
2033	\$56.48	\$34.57
2034	\$57.75	\$35.35
2035	\$59.02	\$36.13
2036	\$60.27	\$36.88
2037	\$61.57	\$37.67
2038	\$62.88	\$38.45
2039	\$63.89	\$38.92
2040	\$64.89	\$39.37
2041	\$65.60	\$39.52
2042	\$66.32	\$39.66
2043	\$67.06	\$39.82
2044	\$67.82	\$39.98
2045	\$68.59	\$40.14
2046	\$69.38	\$40.30

(C)

 (C)

Notes:

- (a) On-peak capacity value of the Proxy Baseload resource plus Fuel and Capitalized Energy Cost of the Proxy Baseload resource. 2022 On-peak Market Prices.
- (b) Fuel and Capitalized Energy Cost of the Proxy Baseload resource. 2022 Off-Peak Market Prices.

(C)

 (C)

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	\$/MWh
	(a)	(b)	(c)	(d) (a)-(c)	(e) (b)-(c)
2022	\$71.45	\$50.64	\$3.06	\$68.39	\$47.58
2023	\$45.08	\$29.09	\$3.13	\$41.95	\$25.96
2024	\$43.15	\$26.81	\$3.20	\$39.95	\$23.61
2025	\$45.23	\$28.53	\$3.27	\$41.96	\$25.26
2026	\$45.65	\$28.58	\$3.34	\$42.31	\$25.24
2027	\$45.90	\$28.45	\$3.41	\$42.49	\$25.04
2028	\$46.41	\$28.58	\$3.49	\$42.92	\$25.09
2029	\$47.86	\$29.64	\$3.56	\$44.30	\$26.08
2030	\$49.31	\$30.69	\$3.64	\$45.67	\$27.05
2031	\$51.44	\$32.41	\$3.72	\$47.72	\$28.69
2032	\$53.27	\$33.82	\$3.80	\$49.47	\$30.02
2033	\$54.45	\$34.57	\$3.89	\$50.56	\$30.68
2034	\$55.66	\$35.35	\$3.97	\$51.69	\$31.38
2035	\$56.89	\$36.13	\$4.06	\$52.83	\$32.07
2036	\$58.10	\$36.88	\$4.15	\$53.95	\$32.73
2037	\$59.35	\$37.67	\$4.24	\$55.11	\$33.43
2038	\$60.61	\$38.45	\$4.33	\$56.28	\$34.12
2039	\$61.57	\$38.92	\$4.43	\$57.14	\$34.49
2040	\$62.52	\$39.37	\$4.53	\$57.99	\$34.84
2041	\$63.18	\$39.52	\$4.63	\$58.55	\$34.89
2042	\$63.84	\$39.66	\$4.73	\$59.11	\$34.93
2043	\$64.53	\$39.82	\$4.83	\$59.70	\$34.99
2044	\$65.23	\$39.98	\$4.94	\$60.29	\$35.04
2045	\$65.95	\$40.14	\$5.05	\$60.90	\$35.09
2046	\$66.68	\$40.30	\$5.16	\$61.52	\$35.14

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 310-561 MW. The integration charge will be updated when the next penetration level is reached. (C)
- (d) 2022 On-Peak Market Prices
- (e) 2022 Off-Peak Market Prices

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 <u>71.45</u>	\$25.29 <u>50.64</u>
2023	\$35.87 <u>46.72</u>	\$24.91 <u>29.09</u>
2024	\$34.74 <u>44.83</u>	\$25.58 <u>26.81</u>
2025	\$35.61 <u>46.94</u>	\$25.99 <u>28.53</u>
2026	\$35.71 <u>47.40</u>	\$26.95 <u>28.58</u>
2027	\$36.00 <u>47.68</u>	\$27.39 <u>28.45</u>
2028	\$48.06 <u>48.24</u>	\$28.40 <u>28.58</u>
2029	\$49.81 <u>49.73</u>	\$29.72 <u>29.64</u>
2030	\$51.58 <u>51.22</u>	\$31.05 <u>30.69</u>
2031	\$53.37 <u>53.39</u>	\$32.39 <u>32.41</u>
2032	\$54.84 <u>55.26</u>	\$33.40 <u>33.82</u>
2033	\$56.03 <u>56.48</u>	\$34.12 <u>34.57</u>
2034	\$57.24 <u>57.75</u>	\$34.84 <u>35.35</u>
2035	\$58.44 <u>59.02</u>	\$35.55 <u>36.13</u>
2036	\$59.65 <u>60.27</u>	\$36.26 <u>36.88</u>
2037	\$60.90 <u>61.57</u>	\$37.00 <u>37.67</u>
2038	\$62.13 <u>62.88</u>	\$37.70 <u>38.45</u>
2039	\$63.39 <u>63.89</u>	\$38.42 <u>38.92</u>
2040	\$64.49 <u>64.89</u>	\$38.97 <u>39.37</u>
2041	\$65.21 <u>65.60</u>	\$39.13 <u>39.52</u>
2042	\$65.93 <u>66.32</u>	\$39.27 <u>39.66</u>
2043	\$66.67 <u>67.06</u>	\$39.43 <u>39.82</u>
2044	\$67.42 <u>67.82</u>	\$39.58 <u>39.98</u>
2045	\$68.20 <u>68.59</u>	\$39.75 <u>40.14</u>
<u>2046</u>	<u>\$69.38</u>	<u>\$40.30</u>

Notes:

- (a) On-peak capacity value of the Proxy Baseload resource plus Fuel and Capitalized Energy Cost of the Proxy Baseload resource. ~~2022~~2021-2027 On-peak Market Prices.
- (b) Fuel and Capitalized Energy Cost of the Proxy Baseload resource. ~~2021~~2012-2027 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	\$/MWh
	(a)	(b)	(c)	(d)	(e)
				(a)-(c)	(b)-(c)
2021	\$41.44	\$27.11	\$2.99	\$38.45	\$24.12
2022	\$37.58 <u>71.45</u>	\$25.29 <u>50.64</u>	\$3.06	\$34.52 <u>68.39</u>	\$22.23 <u>47.58</u>
2023	\$35.87 <u>45.08</u>	\$24.94 <u>29.09</u>	\$3.13	\$32.74 <u>41.95</u>	\$21.78 <u>25.96</u>
2024	\$34.74 <u>43.15</u>	\$25.58 <u>26.81</u>	\$3.20	\$31.54 <u>39.95</u>	\$22.38 <u>23.61</u>
2025	\$35.64 <u>45.23</u>	\$25.99 <u>28.53</u>	\$3.27	\$32.34 <u>41.96</u>	\$22.72 <u>25.26</u>
2026	\$35.74 <u>45.65</u>	\$26.95 <u>28.58</u>	\$3.34	\$32.37 <u>42.31</u>	\$23.64 <u>25.24</u>
2027	\$36.00 <u>45.90</u>	\$27.39 <u>28.45</u>	\$3.41	\$32.59 <u>42.49</u>	\$23.98 <u>25.04</u>
2028	\$46.23 <u>46.41</u>	\$28.40 <u>28.58</u>	\$3.49	\$42.74 <u>42.92</u>	\$24.94 <u>25.09</u>
2029	\$47.94 <u>47.86</u>	\$29.72 <u>29.64</u>	\$3.56	\$44.38 <u>44.30</u>	\$26.46 <u>26.08</u>
2030	\$49.67 <u>49.31</u>	\$31.05 <u>30.69</u>	\$3.64	\$46.03 <u>45.67</u>	\$27.44 <u>27.05</u>
2031	\$51.42 <u>51.44</u>	\$32.39 <u>32.41</u>	\$3.72	\$47.70 <u>47.72</u>	\$28.67 <u>28.69</u>
2032	\$52.85 <u>53.27</u>	\$33.40 <u>33.82</u>	\$3.80	\$49.05 <u>49.47</u>	\$29.60 <u>30.02</u>
2033	\$54.00 <u>54.45</u>	\$34.12 <u>34.57</u>	\$3.89	\$50.11 <u>50.56</u>	\$30.23 <u>30.68</u>
2034	\$55.15 <u>55.66</u>	\$34.84 <u>35.35</u>	\$3.97	\$51.18 <u>51.69</u>	\$30.87 <u>31.38</u>
2035	\$56.34 <u>56.89</u>	\$35.55 <u>36.13</u>	\$4.06	\$52.25 <u>52.83</u>	\$31.49 <u>32.07</u>
2036	\$57.48 <u>58.10</u>	\$36.26 <u>36.88</u>	\$4.15	\$53.33 <u>53.95</u>	\$32.14 <u>32.73</u>
2037	\$58.68 <u>59.35</u>	\$37.00 <u>37.67</u>	\$4.24	\$54.44 <u>55.11</u>	\$32.76 <u>33.43</u>
2038	\$59.86 <u>60.61</u>	\$37.70 <u>38.45</u>	\$4.33	\$55.53 <u>56.28</u>	\$33.37 <u>34.12</u>
2039	\$61.07 <u>61.57</u>	\$38.42 <u>38.92</u>	\$4.43	\$56.64 <u>57.14</u>	\$33.99 <u>34.49</u>
2040	\$62.42 <u>62.52</u>	\$38.97 <u>39.37</u>	\$4.53	\$57.59 <u>57.99</u>	\$34.44 <u>34.84</u>
2041	\$62.79 <u>63.18</u>	\$39.13 <u>39.52</u>	\$4.63	\$58.16 <u>58.55</u>	\$34.50 <u>34.89</u>
2042	\$63.45 <u>63.84</u>	\$39.27 <u>39.66</u>	\$4.73	\$58.72 <u>59.11</u>	\$34.54 <u>34.93</u>
2043	\$64.14 <u>64.53</u>	\$39.43 <u>39.82</u>	\$4.83	\$59.34 <u>59.70</u>	\$34.60 <u>34.99</u>
2044	\$64.83 <u>65.23</u>	\$39.58 <u>39.98</u>	\$4.94	\$59.89 <u>60.29</u>	\$34.64 <u>35.04</u>
2045	\$65.56 <u>65.95</u>	\$39.75 <u>40.14</u>	\$5.05	\$60.54 <u>60.90</u>	\$34.70 <u>35.09</u>
<u>2046</u>	<u>\$66.68</u>	<u>\$40.30</u>	<u>\$5.16</u>	<u>\$61.52</u>	<u>\$35.14</u>

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 310-561 MW. The integration charge will be updated when the next penetration level is reached.
~~2021 – 2027~~2022 On-Peak Market
- (d) Prices
~~2021 – 2027~~2022 Off-Peak Market
- (e) Prices