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May 1, 2017

#### 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 No. UM 1730(3)

Idaho Power Company's 2017 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, and Order No. 14-058 of Docket No. UM 1610, Idaho Power Company ("Idaho Power" or "Company") hereby submits for filing its revised Schedule 85, Cogeneration and Small Power Production Standard Contract Rates, Sheet No. 85-6, 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. The Company respectfully requests an effective date of June 1, 2017.

Ninth Revised Sheet No. 85-6 Schedule 85 Cogeneration and Small Power Production Standard Contract Rates

This filing is in accordance with the May 1 annual updates directed by Order No. 14-058 of Docket No. UM 1610, issued February 24, 2014, and Errata Order No. 14-114, issued April 7, 2014. The filing updates standard avoided cost rates utilizing updated natural gas prices and updated on- and off-peak forward looking electricity market prices, as directed by Order No. 14-058.

Filing Center
Public Utility Commission of Oregon
May 1, 2017
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In addition, the workpapers used to prepare this filing have been filed with the Public Utility Commission of Oregon at the following electronic address: <a href="mailto:puc.workpapers@state.or.us">puc.workpapers@state.or.us</a>.

If you have any questions, please do not hesitate to contact Michael Youngblood at (208) 388-2882 or Donovan E. Walker at (208) 388-5317.

Sincerely,

Lisa F. Rackner

LFR:csb Attachments

#### EIGHTH REVISED SHEET NOS. 85-6 - 85-8

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

### AVOIDED COST PRICE Standard Avoided Cost Prices

	Baselo	ad QF	Wind			PV Solar QF		
	On-	Off-	On-	Off-				
Deliveries	Peak	Peak	Peak	Peak		On-Peak	Off-Peak	
During	Energy	Energy	Energy	Energy		Energy	Energy	
Calendar	Price	Price	Price	Price		Price	Price	
Year	\$/MWh	\$/MWh	\$/MWh	\$/MWh		\$/MWh	\$/MWh	
	(a)	(b)	(c)	(d)		(e)	(f)	
2017	\$23.75	\$16.11	\$6.75	(\$0.89)		\$23.75	\$16.11	
2018	\$25.17	\$19.00	\$7.66	\$1.49		\$25.17	\$19.00	
2019	\$24.60	\$18.11	\$6.57	\$0.08		\$24.60	\$18.11	
2020	\$26.51	\$20.45	\$7.94	\$1.88		\$26.51	\$20.45	
2021	\$28.08	\$22.87	\$8.95	\$3.74		\$28.08	\$22.87	
2022	\$30.07	\$23.93	\$10.37	\$4.23		\$30.07	\$23.93	
2023	\$31.14	\$24.92	\$10.85	\$4.63		\$31.14	\$24.92	
2024	\$52.37	\$33.46	\$16.04	\$12.56		\$56.91	\$33.46	
2025	\$54.25	\$34.92	\$17.02	\$13.39		\$58.88	\$34.92	
2026	\$56.44	\$36.69	\$18.14	\$14.51		\$61.18	\$36.69	
2027	\$58.78	\$38.59	\$19.46	\$15.75		\$63.62	\$38.59	
2028	\$61.62	\$40.99	\$21.25	\$17.46		\$66.56	\$40.99	
2029	\$63.08	\$41.99	\$21.64	\$17.76		\$68.13	\$41.99	
2030	\$63.35	\$41.80	\$20.80	\$16.84		\$68.52	\$41.80	
2031	\$63.08	\$41.06	\$19.40	\$15.35		\$68.36	\$41.06	
2032	\$63.79	\$41.28	\$18.94	\$14.80		\$69.18	\$41.28	
2033	\$64.90	\$41.90	\$18.86	\$14.63		\$70.42	\$41.90	
2034	\$66.27	\$42.76	\$18.99	\$14.67		\$71.90	\$42.76	
2035	\$67.55	\$43.52	\$19.01	\$14.59		\$73.31	\$43.52	
2036	\$68.71	\$44.15	\$18.87	\$14.35		\$74.59	\$44.15	
2037	\$69.85	\$44.75	\$18.67	\$14.05		\$75.86	\$44.75	
2038	\$71.45	\$45.80	\$18.90	\$14.18		\$77.60	\$45.80	
2039	\$73.13	\$46.92	\$19.17	\$14.35		\$79.41	\$46.92	
2040	\$74.14	\$47.35	\$18.73	\$13.80		\$80.56	\$47.35	
2041	\$74.92	\$47.54	\$18.03	\$12.99		\$81.48	\$47.54	

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

### **AVOIDED COST PRICE**

	Baseload QF			Wind QF			PV Solar QF		
	On-	Off-		On-	Off-				
Deliveries	Peak	Peak		Peak	Peak		On-Peak	Off-Pea	ιk
During	Energy	Energy		Energy	Energy		Energy	Energy	y
Calendar	Price	Price		Price	Price		Price	Price	
Year	\$/MWh	\$/MWh		\$/MWh	\$/MWh		\$/MWh	\$/MWł	n
	(a)	(b)		(c)	(d)		(e)	(f)	
Γ									
2017	\$23.75	\$16.11		\$6.75	(\$0.89)		\$23.75	\$16.11	
2018	\$25.17	\$19.00		\$7.66	\$1.49		\$25.17	\$19.00	
2019	\$24.60	\$18.11		\$6.57	\$0.08		\$24.60	\$18.11	
2020	\$26.51	\$20.45		\$7.94	\$1.88		\$26.51	\$20.45	
2021	\$28.08	\$22.87		\$8.95	\$3.74		\$28.08	\$22.87	
2022	\$30.07	\$23.93		\$10.37	\$4.23		\$30.07	\$23.93	
2023	\$31.14	\$24.92	_	\$10.85	\$4.63		\$31.14	\$24.92	
2024	\$52.37	\$33.46		\$16.04	\$12.56		\$56.91	\$33.46	
2025	\$54.25	\$34.92		\$17.02	\$13.39		\$58.88	\$34.92	2
2026	\$56.44	\$36.69		\$18.14	\$14.51		\$61.18	\$36.69	)
2027	\$58.78	\$38.59		\$19.46	\$15.75		\$63.62	\$38.59	)
2028	\$61.62	\$40.99		\$21.25	\$17.46		\$66.56	\$40.99	9
2029	\$63.08	\$41.99		\$21.64	\$17.76		\$68.13	\$41.99	9
2030	\$63.35	\$41.80		\$20.80	\$16.84		\$68.52	\$41.80	)
2031	\$63.08	\$41.06		\$19.40	\$15.35		\$68.36	\$41.06	3
2032	\$63.79	\$41.28		\$18.94	\$14.80		\$69.18	\$41.28	3
2033	\$64.90	\$41.90		\$18.86	\$14.63		\$70.42	\$41.90	)
2034	\$66.27	\$42.76		\$18.99	\$14.67		\$71.90	\$42.76	3
2035	\$67.55	\$43.52		\$19.01	\$14.59		\$73.31	\$43.52	2
2036	\$68.71	\$44.15		\$18.87	\$14.35		\$74.59	\$44.15	5
2037	\$69.85	\$44.75		\$18.67	\$14.05		\$75.86	\$44.75	5
2038	\$71.45	\$45.80		\$18.90	\$14.18		\$77.60	\$45.80	)
2039	\$73.13	\$46.92		\$19.17	\$14.35		\$79.41	\$46.92	2
2040	\$74.14	\$47.35		\$18.73	\$13.80		\$80.56	\$47.35	5
2041	\$74.92	\$47.54		\$18.03	\$12.99		\$81.48	\$47.54	1
			_			7			
_		eload QF			<del>id QF</del>		PV Solar QF		
	<del>On-</del>	Off-		<del>On-</del>	Off-		<del>On-</del>	Off-	
Deliverie				Peak	<del>Peak</del>		<del>Peak</del>	<del>Peak</del> -	
<del>During</del>	Energ	y Energy	L	Energy	Energy	1	<del>Energy</del>	<b>Energy</b>	1

_	Dastit	<del>au u</del>	<del>wina wi</del>			
	<del>On-</del>	<del>Off-</del>	<del>On-</del>	Off-		
<b>Deliveries</b>	<del>Peak</del>	<del>Peak</del>	Peak	Peak		
<del>During</del>	Energy	Energy	Energy	Energy		
Calendar	Price	Price	Price	Price		
<del>Year</del>	\$/MWh	\$/MWh	\$/MWh	\$/MWh		
	<del>(a)</del>	<del>(b)</del>	<del>(c)</del>	<del>(d)</del>		

₩ine	<del>J QF</del>		PV So	lar QF
<del>On-</del>	Off-		<del>On-</del>	Off-
<del>Peak</del>	<del>Peak</del>		<del>Peak</del>	Peak
nergy	Energy		<del>Energy</del>	Energy
<del>Price</del>	Price		Price	Price
<del>/MWh</del>	\$/MWh		\$/MWh	\$/MWh
<del>(c)</del>	<del>(d)</del>		<del>(e)</del>	<del>(f)</del>

_	_	-	-	-	-	_
<del>2016</del>	<del>\$18.92</del>	<del>\$14.76</del>	<del>\$2.42</del>	<del>(\$1.74)</del>	<del>\$18.92</del>	<del>\$14.76</del>

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	<del>2017</del>	<del>\$23.88</del>	<del>\$19.00</del>		<del>\$6.88</del>	<del>\$2.00</del>		<del>\$23.88</del>	<del>\$19.00</del>	
	<del>2018</del>	<del>\$25.59</del>	<del>\$20.32</del>		<del>\$8.08</del>	<del>\$2.81</del>		<del>\$25.59</del>	<del>\$20.32</del>	
	<del>2019</del>	<del>\$27.56</del>	<del>\$21.73</del>		<del>\$9.53</del>	<del>\$3.70</del>		<del>\$27.56</del>	<del>\$21.73</del>	
	<del>2020</del>	<del>\$28.65</del>	<del>\$22.68</del>		<del>\$10.08</del>	<del>\$4.11</del>		<del>\$28.65</del>	<del>\$22.68</del>	
	<del>2021</del>	<del>\$30.14</del>	<del>\$24.12</del>		<del>\$11.01</del>	<del>\$4.99</del>		<del>\$30.14</del>	<del>\$24.12</del>	
	<del>2022</del>	<del>\$32.71</del>	<del>\$25.29</del>		<del>\$13.01</del>	<del>\$5.59</del>		<del>\$32.71</del>	<del>\$25.29</del>	
	<del>2023</del>	<del>\$33.96</del>	<del>\$26.19</del>		<del>\$13.67</del>	<del>\$5.90</del>		<del>\$33.96</del>	<del>\$26.19</del>	
	<del>2024</del>	<del>\$60.05</del>	<del>\$41.14</del>		<del>\$23.72</del>	<del>\$20.24</del>		<del>\$64.59</del>	<del>\$41.14</del>	
	<del>2025</del>	<del>\$61.83</del>	<del>\$42.50</del>		<del>\$24.60</del>	<del>\$20.97</del>		<del>\$66.46</del>	<del>\$42.50</del>	
	<del>2026</del>	<del>\$63.68</del>	<del>\$43.93</del>		<del>\$25.38</del>	<del>\$21.75</del>		<del>\$68.42</del>	<del>\$43.93</del>	
	<del>2027</del>	<del>\$66.24</del>	<del>\$46.05</del>		<del>\$26.92</del>	<del>\$23.21</del>		<del>\$71.08</del>	<del>\$46.05</del>	
	<del>2028</del>	<del>\$67.48</del>	<del>\$46.85</del>		<del>\$27.11</del>	<del>\$23.32</del>		<del>\$72.42</del>	<del>\$46.85</del>	
	<del>2029</del>	<del>\$68.80</del>	<del>\$47.71</del>		<del>\$27.36</del>	<del>\$23.48</del>		<del>\$73.85</del>	<del>\$47.71</del>	
	<del>2030</del>	<del>\$70.38</del>	<del>\$48.83</del>		<del>\$27.83</del>	<del>\$23.87</del>		<del>\$75.55</del>	<del>\$48.83</del>	
	<del>2031</del>	<del>\$71.60</del>	<del>\$49.58</del>		<del>\$27.92</del>	<del>\$23.87</del>		<del>\$76.88</del>	<del>\$49.58</del>	
	<del>2032</del>	<del>\$74.59</del>	<del>\$52.08</del>		<del>\$29.74</del>	<del>\$25.60</del>		<del>\$79.98</del>	<del>\$52.08</del>	
	<del>2033</del>	<del>\$77.42</del>	<del>\$54.42</del>		<del>\$31.38</del>	<del>\$27.15</del>		<del>\$82.94</del>	<del>\$54.42</del>	
	<del>2034</del>	<del>\$80.27</del>	<del>\$56.76</del>		<del>\$32.99</del>	<del>\$28.67</del>		<del>\$85.90</del>	<del>\$56.76</del>	
	<del>2035</del>	<del>\$83.20</del>	<del>\$59.17</del>		<del>\$34.66</del>	<del>\$30.24</del>		<del>\$88.96</del>	<del>\$59.17</del>	
	<del>2036</del>	<del>\$85.98</del>	<del>\$61.42</del>		<del>\$36.14</del>	<del>\$31.62</del>		<del>\$91.86</del>	<del>\$61.42</del>	
	<del>2037</del>	<del>\$88.93</del>	<del>\$63.83</del>		<del>\$37.75</del>	<del>\$33.13</del>		<del>\$94.94</del>	<del>\$63.83</del>	
	<del>2038</del>	<del>\$91.37</del>	<del>\$65.72</del>		<del>\$38.82</del>	<del>\$34.10</del>		<del>\$97.52</del>	<del>\$65.72</del>	1
	<del>2039</del>	<del>\$94.67</del>	<del>\$68.46</del>		<del>\$40.71</del>	<del>\$35.89</del>		<del>\$100.95</del>	<del>\$68.46</del>	1
	<del>2040</del>	<del>\$99.61</del>	<del>\$72.82</del>		<del>\$44.20</del>	<del>\$39.27</del>		<del>\$106.03</del>	<del>\$72.82</del>	