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June 8, 2023

VIA ELECTRONIC FILING

Attention: Filing Center
Public Utility Commission of Oregon
P.O. Box 1088
Salem, Oregon 97308-1088

Re: Docket UM 1730 – In the Matter of Idaho Power Company, Application to Update Schedule 85 Qualifying Facility Information.

Attention Filing Center:

Attached for filing in the above-captioned docket is Idaho Power Company's Presentation from the June 8, 2023 Workshop.

Please contact this office with any questions.

Sincerely,

Alisha Till
Paralegal

Attachment

UM 1730 Update to Avoided Cost Prices – April 2003



June 8, 2023, Workshop

UM 1730 Update to Avoided Cost Prices

- In Order No. 14-058, the Commission directed electric utilities to update their avoided cost prices on May 1 every year.
- Pursuant to OAR 860-029-0085(4)(a), the annual update is limited to four factors:
 1. **Updated natural gas prices;**
 2. **On- and off-peak forward-looking electricity market prices;**
 3. Changes to the status of the Production Tax Credit (PTC); and
 4. Any other action or change in an acknowledged Integrated Resource Plan (IRP) update relevant to the calculation of avoided costs.

April 2023 Update to Avoided Cost Prices

Idaho Power's 2023 filing updates 2 inputs to the calculation of avoided cost price schedules

- Natural Gas Forward Prices
- Electricity Forward Prices

The remaining inputs are based on the Company's 2021 IRP acknowledged December 2022

- Avoided cost rates updated January 2023

2023 UM 1730 Update to Avoided Cost Prices

Sufficiency period (2023)

- Avoided cost price is the Mid-C energy market forecast for 2023, as of April 2023.

Deficiency period (2024-2047)

- Avoided cost price is sum of:
 - Capacity payments, based on fixed capacity costs of a CCCT
 - Energy payments based on Sumas gas price forecast plus fixed energy costs of a CCCT

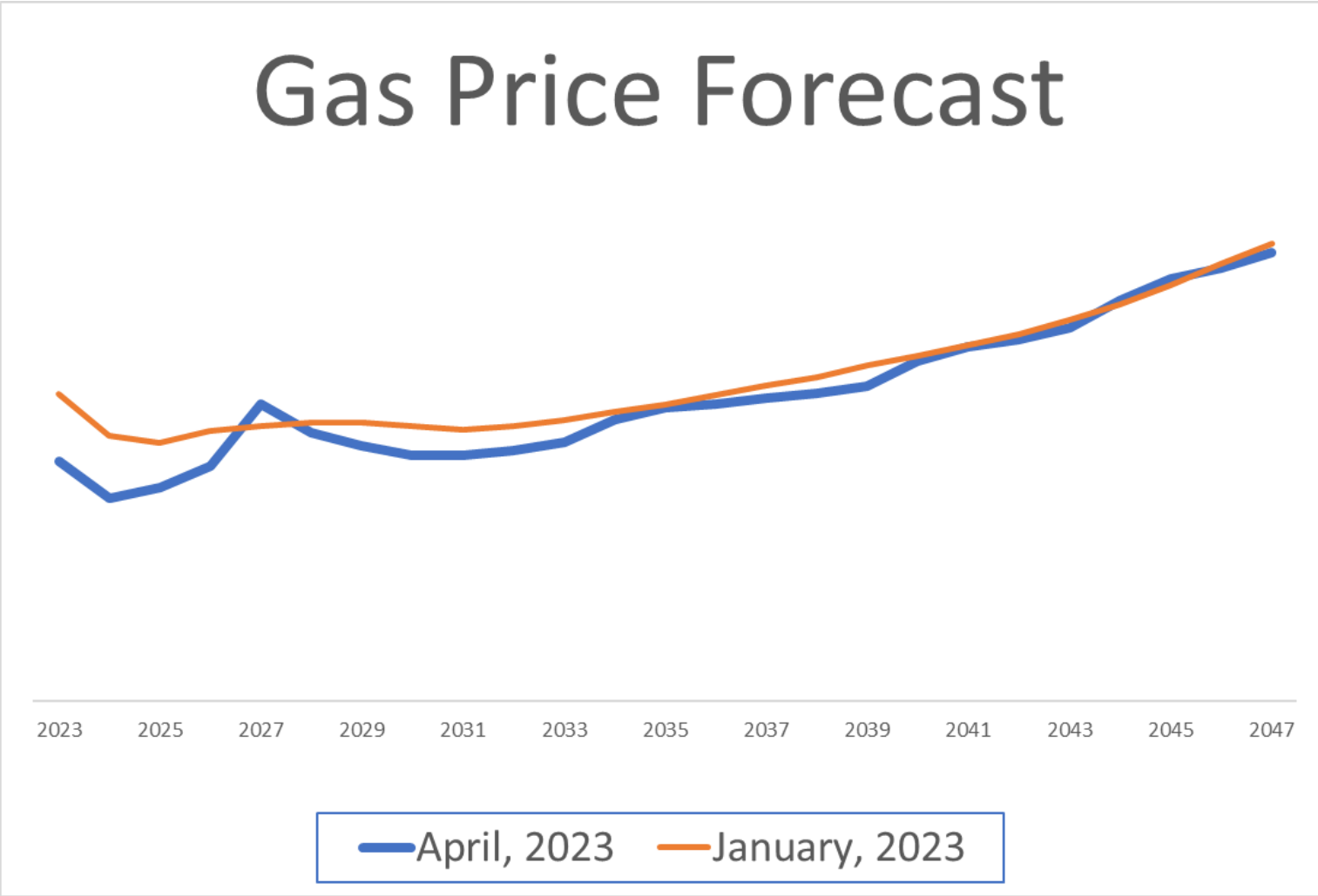
Natural Gas Forward Price

Idaho Power uses its IRP Methodology

- Platts' Henry Hub long-term forecast, after applying a basis differential and transportation costs from Sumas, Washington

Year	Filing	Filing Date	Forecast Date
2023	UM 1730(9)	4/28/2023	3/30/2023
2023	UM 1730(8)	1/5/2023	12/16/2022
2022	UM 1730(7)	4/26/2022	3/8/2022

Natural Gas Forward Price



Electricity Price Forecast

Idaho Power uses forward monthly market quotes at mid-Columbia from Inter-Continental Exchange

- April 2023 forward prices are down 10% from December 2022

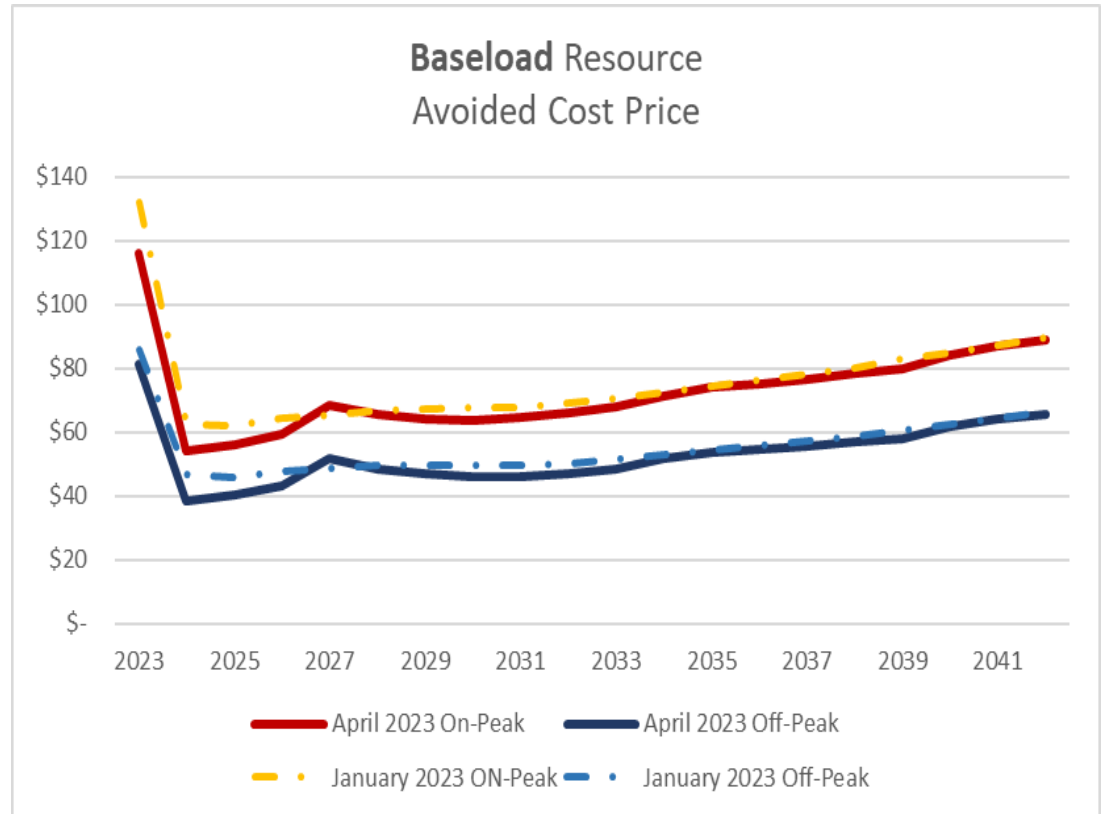
Year	Filing	Filing Date	Forecast Date
2023	UM 1730(9)	4/28/2023	4/11/2023
2023	UM 1730(8)	1/5/2023	12/14/2022
2022	UM 1730(7)	4/26/2022	4/7/2022

Results of the April Update

Resource Type	15-year Levelized Price-Proposed	15-year Levelized Price-Current	Change
Baseload	\$61.40	\$65.21	\$(3.81)
Solar	\$50.07	\$53.90	\$(3.81)
Wind	\$54.88	\$58.69	\$(3.81)

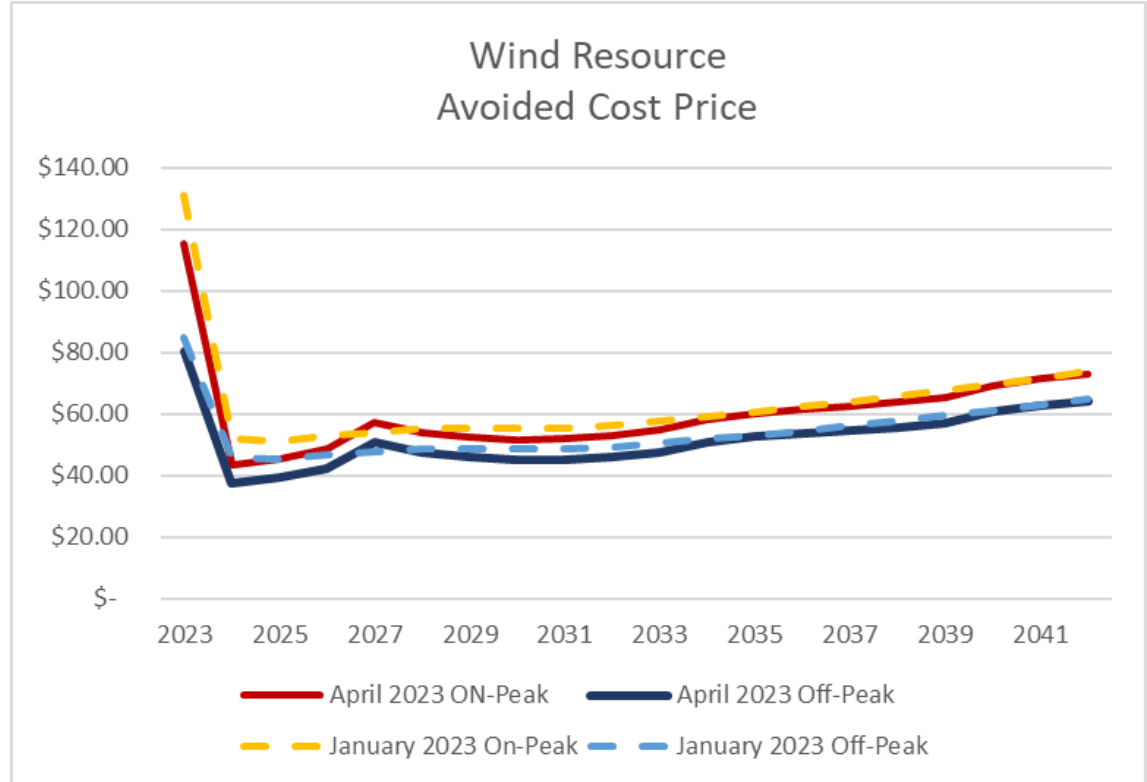
Baseload Resource Avoided Cost Price

	Baseload Resource			
	April, 2023		January, 2023	
	On-Peak	Off-Peak	On-Peak	Off-Peak
2023	\$ 116.25	\$ 81.19	\$ 131.98	\$ 85.58
2024	\$ 54.14	\$ 38.51	\$ 62.38	\$ 46.75
2025	\$ 56.27	\$ 40.28	\$ 62.02	\$ 46.03
2026	\$ 59.61	\$ 43.25	\$ 64.18	\$ 47.82
2027	\$ 68.43	\$ 51.70	\$ 65.48	\$ 48.75
2028	\$ 65.45	\$ 48.33	\$ 66.76	\$ 49.64
2029	\$ 64.35	\$ 46.83	\$ 67.35	\$ 49.83
2030	\$ 63.83	\$ 45.91	\$ 67.68	\$ 49.76
2031	\$ 64.56	\$ 46.23	\$ 67.89	\$ 49.56
2032	\$ 65.90	\$ 47.15	\$ 69.09	\$ 50.34
2033	\$ 67.84	\$ 48.66	\$ 70.63	\$ 51.45
2034	\$ 71.52	\$ 51.89	\$ 72.50	\$ 52.87
2035	\$ 73.95	\$ 53.87	\$ 74.31	\$ 54.23
2036	\$ 75.23	\$ 54.69	\$ 76.28	\$ 55.74
2037	\$ 76.77	\$ 55.76	\$ 78.38	\$ 57.37
2038	\$ 78.33	\$ 56.84	\$ 80.34	\$ 58.85
2039	\$ 80.02	\$ 58.04	\$ 82.75	\$ 60.77
2040	\$ 84.31	\$ 61.82	\$ 84.94	\$ 62.45
2041	\$ 87.07	\$ 64.06	\$ 87.27	\$ 64.26
2042	\$ 88.94	\$ 65.40	\$ 89.64	\$ 66.10



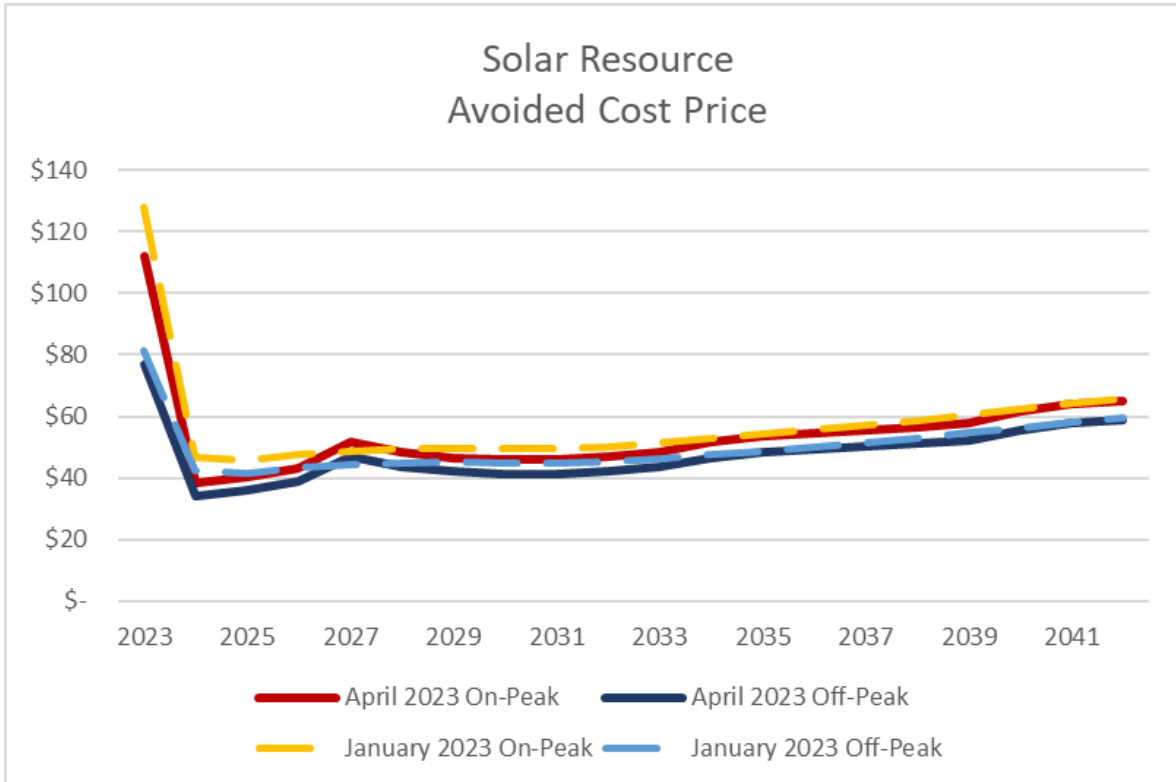
Wind Resource Avoided Cost Price

	Wind Resource			
	April, 2023		January, 2023	
	On-Peak	Off-Peak	On-Peak	Off-Peak
2023	\$ 115.42	\$ 80.36	\$ 131.15	\$ 84.75
2024	\$ 43.54	\$ 37.66	\$ 51.78	\$ 45.90
2025	\$ 45.42	\$ 39.41	\$ 51.17	\$ 45.16
2026	\$ 48.51	\$ 42.36	\$ 53.08	\$ 46.93
2027	\$ 57.08	\$ 50.79	\$ 54.13	\$ 47.84
2028	\$ 53.84	\$ 47.40	\$ 55.15	\$ 48.71
2029	\$ 52.46	\$ 45.88	\$ 55.46	\$ 48.88
2030	\$ 51.68	\$ 44.94	\$ 55.53	\$ 48.79
2031	\$ 52.13	\$ 45.24	\$ 55.46	\$ 48.57
2032	\$ 53.18	\$ 46.13	\$ 56.37	\$ 49.32
2033	\$ 54.83	\$ 47.62	\$ 57.62	\$ 50.41
2034	\$ 58.21	\$ 50.83	\$ 59.19	\$ 51.81
2035	\$ 60.33	\$ 52.78	\$ 60.69	\$ 53.14
2036	\$ 61.30	\$ 53.58	\$ 62.35	\$ 54.63
2037	\$ 62.52	\$ 54.62	\$ 64.13	\$ 56.23
2038	\$ 63.76	\$ 55.68	\$ 65.77	\$ 57.69
2039	\$ 65.11	\$ 56.85	\$ 67.84	\$ 59.58
2040	\$ 69.05	\$ 60.60	\$ 69.68	\$ 61.23
2041	\$ 71.46	\$ 62.81	\$ 71.66	\$ 63.01
2042	\$ 72.97	\$ 64.12	\$ 73.67	\$ 64.82



Solar Resource Avoided Cost Price

	Solar Resource			
	April, 2023		January, 2023	
	On-Peak	Off-Peak	On-Peak	Off-Peak
2023	\$ 112.12	\$ 77.06	\$ 127.85	\$ 81.45
2024	\$ 38.39	\$ 34.28	\$ 46.63	\$ 42.52
2025	\$ 40.16	\$ 35.96	\$ 45.91	\$ 41.71
2026	\$ 43.13	\$ 38.83	\$ 47.70	\$ 43.40
2027	\$ 51.57	\$ 47.17	\$ 48.62	\$ 44.22
2028	\$ 48.20	\$ 43.70	\$ 49.51	\$ 45.01
2029	\$ 46.69	\$ 42.09	\$ 49.69	\$ 45.09
2030	\$ 45.77	\$ 41.06	\$ 49.62	\$ 44.91
2031	\$ 46.09	\$ 41.27	\$ 49.42	\$ 44.60
2032	\$ 47.01	\$ 42.08	\$ 50.20	\$ 45.27
2033	\$ 48.51	\$ 43.47	\$ 51.30	\$ 46.26
2034	\$ 51.74	\$ 46.58	\$ 52.72	\$ 47.56
2035	\$ 53.72	\$ 48.44	\$ 54.08	\$ 48.80
2036	\$ 54.54	\$ 49.14	\$ 55.59	\$ 50.19
2037	\$ 55.60	\$ 50.08	\$ 57.21	\$ 51.69
2038	\$ 56.68	\$ 51.03	\$ 58.69	\$ 53.04
2039	\$ 57.87	\$ 52.09	\$ 60.60	\$ 54.82
2040	\$ 61.65	\$ 55.74	\$ 62.28	\$ 56.37
2041	\$ 63.89	\$ 57.84	\$ 64.09	\$ 58.04
2042	\$ 65.22	\$ 59.03	\$ 65.92	\$ 59.73



Questions

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