



Avista Corp.
1411 East Mission P.O. Box 3727
Spokane, Washington 99220-0500
Telephone 509-489-0500
Toll Free 800-727-9170

October 15, 2020

Diane Hanian, Secretary
Idaho Public Utilities Commission
11331 W. Chinden Blvd. Bldg. 8, Ste. 201-A
Boise, Idaho 83714

RE: Case No. AVU-E-20-10

Dear Ms. Hanian:

Attached for filing with the Commission is Avista Corporation's, doing business as Avista Utilities' ("Avista or "the Company") filing in compliance with Order Nos. 32697 and 32802, to update the Company's load forecast, natural gas forecast, and contract information components of the incremental cost Integrated Resource Plan (IRP) avoided cost methodology.

The Company has not included in this filing the capacity deficiency date per recommendation number four (4) in Case No. AVU-E-19-01. Avista will be filing, under separate letter the establishment of its capacity deficiency period to be used for avoided cost calculations. The Company will also file an updated capacity deficiency report after acknowledgment of its 2020 IRP to establish a new deficiency date for the SAR avoided capacity cost.

Please direct any questions regarding this filing to John Lyons at 509-495-8515.

Sincerely,

/s/ Shawn Bonfield

Shawn Bonfield
Sr. Manager of Regulatory Policy & Strategy
Avista Utilities
509-495-2782
shawn.bonfield@avistacorp.com

Enclosure

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Michael G. Andrea (ISB No. 8308)
Senior Counsel
Avista Corporation
1411 East Mission, MSC-17
Spokane, WA 99202
Phone: (509) 495-2564
Facsimile: (509) 777-5468
Email: michael.andrea@avistacorp.com

Attorney for Avista Corporation

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF AVISTA CORPORATION'S)
ANNUAL COMPLIANCE FILING TO UPDATE)
THE LOAD AND GAS FORECASTS IN THE)
INCREMENTAL COST INTEGRATED)
RESOURCE PLAN AVOIDED COST MODEL)
TO BE USED FOR AVOIDED COST)
CALCULATIONS)

CASE NO. AVU-E-20-10

AVISTA CORPORATION'S
COMPLIANCE FILING

32697, the Commission directed that after the filing of a utility’s IRP that a case be initiated to determine the capacity deficiency period to be utilized in the Surrogate Avoided Resource (SAR) Methodology.³

III. LOAD FORECAST

The Company’s most recent peak and energy forecast was developed in the summer of 2020. The recent energy load forecast escalates at 0.2 percent annual average growth rate for 2021 through 2041. The peak forecast growth rate 0.37 percent in winter and 0.44% for summer for the 2021 through 2041 period.

Table 1: Peak and Energy Load Forecast

Year	Energy (aMW)	1-Hour Peak (MW)
2021	1,097	1,712
2022	1,102	1,719
2023	1,106	1,725
2024	1,107	1,729
2025	1,114	1,733
2026	1,117	1,738
2027	1,119	1,742
2028	1,121	1,746
2029	1,124	1,751
2030	1,125	1,756
2031	1,127	1,761
2032	1,128	1,766
2033	1,130	1,771
2034	1,131	1,777
2035	1,133	1,783
2036	1,135	1,789
2037	1,137	1,796
2038	1,139	1,804
2039	1,141	1,812
2040	1,144	1,821
2041	1,147	1,830

³ Order No. 32697 page 23.

IV. NATURAL GAS FORECAST

The Company's most recent Forward Price Curve was developed using the blend of two national price forecasting consultant's most recent forecasts, the U.S. Energy Information Administration's Annual Energy Outlook (AEO), and forward market prices as of June 30, 2020. Please refer to Table 2 for the natural gas price forecast.

Table 2: Natural Gas Price Forecast

Year	Henry Hub (\$/mmbtu)	Stanfield (\$/mmbtu)
2021	2.61	2.08
2022	2.43	1.90
2023	2.50	1.79
2024	2.68	1.90
2025	2.97	2.27
2026	3.39	2.67
2027	3.56	2.89
2028	3.75	3.09
2029	3.94	3.26
2030	4.10	3.43
2031	4.22	3.60
2032	4.39	3.74
2033	4.63	4.00
2034	4.85	4.22
2035	5.02	4.34
2036	5.19	4.50
2037	5.42	4.72
2038	5.55	4.88
2039	5.82	4.23
2040	6.02	5.30
2041	6.03	5.32

V. CONTRACT ADDITIONS AND TERMINATIONS

Since the 2019 filing Avista's has signed five new long-term PURPA contracts and one PPA purchase. The PURPA contracts include continued hydroelectric contracts with the City of Spokane, Meyers Falls and Sheep Creek; a continued biomass contract with Stimson Lumber, and a new solar contract with Great Northern. The PPA is for a battery with Purcell. Little or no power is expected to be delivered under this PAA. The PPA is to account for any power that seller might inadvertently deliver while it is testing its battery systems. To date, seller has not delivered any power under this PPA.

VI. MODIFIED PROCEDURE

A hearing is not necessary to consider the issues presented herein and, therefore, Avista respectfully requests that this Application be processed under Modified Procedure, i.e., by written submissions rather than by hearing. RP 201 et seq. If the Commission determines that a technical hearing is necessary, the Company is prepared to present testimony in such hearing.

VII. REQUEST

Avista respectfully submits this updated load forecast, natural gas forecast, and contract information in compliance with Order Nos. 32697 and 32802. The Company respectfully requests that the Commission issue an order accepting its updated load forecast, natural gas forecast, and contract information.

DATED at Spokane, Washington, this 15th day of October, 2020.

AVISTA CORPORATION

/s/ Michael G. Andrea
Michael G. Andrea
Senior Counsel

Avista Loads
(2020 Forecast/2021 IRP)

1- Hour Peak (MW)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Peak
2021	1,712	1,611	1,492	1,327	1,331	1,458	1,616	1,608	1,386	1,361	1,545	1,703	1,712
2022	1,719	1,619	1,499	1,333	1,339	1,466	1,626	1,618	1,394	1,367	1,552	1,711	1,719
2023	1,725	1,624	1,504	1,338	1,345	1,473	1,633	1,625	1,400	1,372	1,557	1,717	1,725
2024	1,729	1,628	1,508	1,341	1,349	1,477	1,638	1,630	1,405	1,375	1,561	1,721	1,729
2025	1,733	1,632	1,511	1,344	1,353	1,482	1,643	1,635	1,409	1,379	1,565	1,725	1,733
2026	1,738	1,636	1,515	1,347	1,357	1,487	1,648	1,640	1,413	1,382	1,568	1,729	1,738
2027	1,742	1,640	1,519	1,351	1,361	1,491	1,653	1,645	1,418	1,385	1,572	1,734	1,742
2028	1,746	1,644	1,523	1,354	1,366	1,496	1,659	1,651	1,422	1,389	1,576	1,738	1,746
2029	1,751	1,648	1,527	1,358	1,370	1,501	1,664	1,656	1,427	1,393	1,580	1,743	1,751
2030	1,756	1,653	1,531	1,362	1,375	1,506	1,670	1,662	1,432	1,397	1,585	1,747	1,756
2031	1,761	1,658	1,535	1,366	1,380	1,512	1,676	1,668	1,437	1,401	1,589	1,752	1,761
2032	1,766	1,662	1,540	1,370	1,385	1,517	1,682	1,674	1,443	1,405	1,594	1,757	1,766
2033	1,771	1,668	1,545	1,374	1,391	1,523	1,688	1,680	1,448	1,410	1,599	1,763	1,771
2034	1,777	1,673	1,550	1,379	1,397	1,529	1,695	1,687	1,454	1,414	1,604	1,768	1,777
2035	1,783	1,679	1,555	1,384	1,403	1,536	1,702	1,694	1,461	1,420	1,610	1,774	1,783
2036	1,789	1,685	1,561	1,390	1,409	1,543	1,710	1,701	1,467	1,425	1,616	1,781	1,789
2037	1,796	1,692	1,568	1,396	1,416	1,550	1,718	1,709	1,474	1,431	1,622	1,788	1,796
2038	1,804	1,699	1,575	1,402	1,424	1,558	1,726	1,718	1,482	1,438	1,630	1,795	1,804
2039	1,812	1,707	1,582	1,410	1,432	1,567	1,735	1,727	1,490	1,445	1,637	1,803	1,812
2040	1,821	1,715	1,591	1,418	1,441	1,576	1,745	1,737	1,500	1,453	1,646	1,812	1,821
2041	1,830	1,725	1,600	1,426	1,451	1,587	1,756	1,747	1,510	1,462	1,655	1,822	1,830

0.33%

Monthly Average Load (aMW)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	AVG
2021	1,281	1,209	1,105	1,008	958	995	1,095	1,079	976	1,007	1,155	1,294	1,097
2022	1,283	1,224	1,109	1,017	964	1,000	1,100	1,082	980	1,009	1,159	1,297	1,102
2023	1,291	1,230	1,116	1,022	969	1,005	1,103	1,086	983	1,012	1,162	1,302	1,106
2024	1,296	1,194	1,121	1,026	973	1,008	1,106	1,090	986	1,015	1,166	1,307	1,107
2025	1,302	1,241	1,125	1,029	976	1,010	1,109	1,093	989	1,018	1,169	1,313	1,114
2026	1,305	1,244	1,127	1,031	978	1,013	1,112	1,095	991	1,020	1,172	1,315	1,117
2027	1,307	1,246	1,130	1,033	980	1,015	1,114	1,098	993	1,022	1,174	1,318	1,119
2028	1,310	1,249	1,132	1,035	982	1,017	1,116	1,100	995	1,024	1,176	1,321	1,121
2029	1,313	1,252	1,135	1,038	984	1,019	1,119	1,102	997	1,026	1,179	1,324	1,124
2030	1,315	1,253	1,136	1,039	986	1,020	1,120	1,104	998	1,028	1,181	1,326	1,125
2031	1,317	1,255	1,138	1,040	987	1,022	1,122	1,105	1,000	1,029	1,182	1,327	1,127
2032	1,318	1,257	1,139	1,042	988	1,023	1,123	1,107	1,001	1,031	1,184	1,329	1,128
2033	1,320	1,259	1,141	1,043	990	1,025	1,125	1,108	1,002	1,032	1,185	1,331	1,130
2034	1,322	1,260	1,142	1,045	991	1,026	1,126	1,110	1,004	1,033	1,187	1,333	1,131
2035	1,324	1,262	1,144	1,046	992	1,027	1,128	1,112	1,005	1,035	1,189	1,335	1,133
2036	1,326	1,264	1,146	1,048	994	1,029	1,130	1,113	1,007	1,037	1,191	1,337	1,135
2037	1,328	1,266	1,148	1,050	996	1,031	1,132	1,115	1,009	1,038	1,193	1,339	1,137
2038	1,331	1,269	1,150	1,052	998	1,033	1,134	1,117	1,010	1,040	1,195	1,342	1,139
2039	1,334	1,271	1,152	1,054	1,000	1,035	1,136	1,120	1,013	1,043	1,198	1,345	1,141
2040	1,337	1,274	1,155	1,056	1,002	1,038	1,139	1,122	1,015	1,045	1,200	1,348	1,144
2041	1,341	1,278	1,158	1,059	1,005	1,040	1,142	1,125	1,018	1,048	1,204	1,352	1,147

0.23%

Days	31	28	31	30	31	30	31	31	30	31	30	31
Month	1	2	3	4	5	6	7	8	9	10	11	12