

**BEFORE THE WASHINGTON
UTILITIES & TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,

Complainant,

v.

AVISTA CORPORATION d/b/a AVISTA UTILITIES,

Respondent.

DOCKET NOS. UE-200900 and UG-200901 (*Consolidated*)

GLENN A. WATKINS

**ON BEHALF OF THE
WASHINGTON STATE OFFICE OF THE ATTORNEY GENERAL
PUBLIC COUNSEL UNIT**

EXHIBIT GAW-3

Electric Coincident Peak Forecast Errors

April 21, 2021

AVISTA - WASHINGTON ELECTRIC OPERATIONS
Monthly Coincident Peak Demand Forecast Errors

Month	Actual WA Retail Load (MW)	Unadjusted			Residential (Sch. 1/2)		
		Estimated Class Peaks @ CP	Forecast Error	Forecast Percent Error	Unadjusted Estimated CP	Adjusted Estimated CP	Adjustment Percent
January	940	931.426	(8.57)	-0.91%	458.379	463.406	1.10%
February	1,018	986.215	(31.79)	-3.12%	527.032	546.867	3.76%
March	968	1,089.474	121.47	12.55%	621.898	542.154	-12.82%
April	740	760.667	20.67	2.79%	356.448	344.668	-3.30%
May	834	712.309	(121.69)	-14.59%	251.836	306.22	21.60%
June	954	861.596	(92.40)	-9.69%	329.947	372.935	13.03%
July	1,026	1,028.239	2.24	0.22%	497.342	496.081	-0.25%
August	1,073	1,116.686	43.69	4.07%	556.705	531.416	-4.54%
September	879	758.452	(120.55)	-13.71%	323.249	386.161	19.46%
October	977	906.220	(70.78)	-7.24%	445.368	487.08	9.37%
November	907	786.927	(120.07)	-13.24%	372.936	442.179	18.57%
December	923	897.023	(25.98)	-2.81%	465.441	481.348	3.42%
TOTAL	11,239	10,835.234	(403.77)	-3.59%	5,206.581	5,400.515	
AVERAGE					433.882	450.043	3.72%

Source: Knox System and Distribution Demand 12CP 12.2019.xls.