ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

1407 W. North Temple, Suite 330
Salt Lake City, UT 84116

April 28, 2023

VIA ELECTRONIC FILING

Public Service Commission of Utah
Heber M. Wells Building, 4th Floor
160 East 300 South
Salt Lake City, UT 84114

Attn: Gary Widerburg
Commission Administrator

Re: **Docket No. 23-035-T06 -** Rocky Mountain Power's Proposed Tariff Revisions to Electric Service Schedule No. 37, Avoided Cost Purchases from Qualifying Facilities

In its February 12, 2009 Order in Docket No. 08-035-78 on Net Metering Service, the Public Service Commission of Utah ("Commission") directed Rocky Mountain Power (the "Company") to calculate and file Schedule 37 avoided costs annually in order to establish the value or credit for net excess generation of large commercial customers under Schedule 135 Net Metering Service. In its November 28, 2012 Order in Docket No. 12-035-T10, the Commission directed that future annual filings should be made within 30 days of filing the Company's Integrated Resource Plan ("IRP") or IRP Update, or by April 30 of each year, whichever occurs first.

Pursuant to Commission Rule R746-405 and as directed by the Commission in the order referenced above, the Company hereby updates Schedule 37 rates consistent with the approved methodology. Proposed tariff sheets are attached as well as the supporting information in the form two appendices and eight nonconfidential workpapers. In additional, twenty-two confidential workpapers have been submitted for electronic filing in the above referenced matter.

The enclosed proposed tariff sheets are associated with Tariff P.S.C.U No. 51 of PacifiCorp, d.b.a. Rocky Mountain Power, applicable to electric service in the State of Utah. Pursuant to the requirement of Rule R746-405D, PacifiCorp states that the proposed tariff sheets do not constitute a violation of state law or Commission rule.

Third Revision of Sheet No. 37.4	Schedule 37	Avoided Cost Purchases From Qualifying Facilities
Third Revision of Sheet No. 37.5	Schedule 37	Avoided Cost Purchases From Qualifying Facilities
Third Revision of Sheet No. 37.6	Schedule 37	Avoided Cost Purchases From Qualifying Facilities
Third Revision of Sheet No. 37.7	Schedule 37	Avoided Cost Purchases From Qualifying Facilities

It is respectfully requested that all formal correspondence and requests regarding this matter be addressed to:

By E-mail (preferred): datarequest@pacificorp.com
Jana.saba@pacificorp.com

By Regular Mail: Data Request Response Center
PacifiCorp
825 NE Multnomah St., Suite 2000
Portland, OR 97232

Informal inquiries may be directed to Jana Saba at (801) 220-2823.

Very truly yours,

Joelle Steward
Senior Vice President, Regulation & Customer and Community Solutions

cc: Service List

CERTIFICATE OF SERVICE

Docket No. 23-035-T06

I hereby certify that on April 28, 2023, a true and correct copy of the foregoing was served by electronic mail to the following:

Utah Office of Consumer Services

Michele Beck	mbeck@utah.gov
ocs@utah.gov	

Division of Public Utilities

dpudatarequest@utah.gov

Assistant Attorney General

Patricia Schmid	pschmid@agutah.gov
Robert Moore	rmoore@agutah.gov

Rocky Mountain Power

Data Request Response Center	datarequest@pacificorp.com
Jana Saba	jana.saba@pacificorp.com utahdockets@pacificorp.com

Carrie Meyer
Adviser, Regulatory Operations

REDLINE PROPOSED TARIFFS

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

Base Load Facility

Volumetric Winter and Summer Energy Prices for On-Peak and Off-Peak hours
¢/kWh

Non-Levelized Prices

Deliveries During Calendar Year	On-Peak Energy Prices (¢/kWh) Winter	On-Peak Energy Prices (¢/kWh) Summer	Off-Peak Energy Prices (¢/kWh) Winter	Off-Peak Energy Prices (¢/kWh) Summer
2023	5.885	11.206	5.751	5.318
2024	6.212	13.748	6.339	5.942
2025	3.950	11.136	4.348	6.032
2026	4.917	8.120	5.097	5.415
2027	4.466	5.085	4.604	4.763
2028	4.216	5.324	4.395	5.085
2029	4.307	5.254	4.704	5.055
2030	4.366	5.305	4.910	5.163
2031	5.631	6.714	6.318	6.594
2032	5.359	6.371	6.093	6.593
2033	4.843	5.476	5.651	6.473
2034	4.808	5.717	5.666	6.709
2035	5.084	5.944	5.810	6.416
2036	5.227	6.573	5.719	6.867
2037	5.289	6.691	5.697	7.216
2038	5.368	6.962	6.040	7.548
2039	5.814	6.880	6.285	7.638
2040	6.217	7.443	6.430	8.037
2041	6.357	7.581	6.565	8.244
2042	6.718	7.967	6.420	8.138
~~Deliveries During Calendar Year~~	~~On-Peak Energy Prices (¢/kWh) Winter~~	~~On-Peak Energy Prices (¢/kWh) Summer~~	~~Off-Peak Energy Prices (¢/kWh) Winter~~	~~Off-Peak Energy Prices (¢/kWh) Summer~~
~~2022~~	~~3.008~~	~~8.852~~	~~3.045~~	~~3.852~~
~~2023~~	~~2.834~~	~~7.264~~	~~3.136~~	~~3.537~~
~~2024~~	~~3.423~~	~~7.595~~	~~3.975~~	~~4.691~~
~~2025~~	~~2.191~~	~~4.997~~	~~2.492~~	~~3.721~~
~~2026~~	~~2.518~~	~~3.080~~	~~2.660~~	~~3.213~~
~~2027~~	~~2.749~~	~~3.226~~	~~2.838~~	~~3.380~~
~~2028~~	~~2.709~~	~~3.509~~	~~2.837~~	~~3.690~~
~~2029~~	~~2.814~~	~~3.552~~	~~2.921~~	~~3.737~~
~~2030~~	~~2.845~~	~~3.497~~	~~2.980~~	~~3.671~~
~~2031~~	~~4.228~~	~~4.763~~	~~4.460~~	~~5.040~~
~~2032~~	~~3.983~~	~~4.733~~	~~4.188~~	~~5.073~~

(continued)

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

~~2033~~	~~4.180~~	~~4.559~~	~~4.493~~	~~5.039~~
~~2034~~	~~4.246~~	~~4.763~~	~~4.658~~	~~5.345~~
~~2035~~	~~4.367~~	~~4.904~~	~~4.827~~	~~5.585~~
~~2036~~	~~4.545~~	~~5.050~~	~~4.979~~	~~5.695~~
~~2037~~	~~5.135~~	~~5.404~~	~~5.532~~	~~6.162~~
~~2038~~	~~5.137~~	~~5.427~~	~~5.555~~	~~6.306~~
~~2039~~	~~5.216~~	~~5.245~~	~~5.630~~	~~6.136~~
~~2040~~	~~5.256~~	~~5.186~~	~~5.637~~	~~5.897~~

Levelized Prices (Nominal)

	On-Peak Energy Prices (¢/kWh)		Off-Peak Energy Prices (¢/kWh)	
	Winter	Summer	Winter	Summer
15-year (2023-2037) Nominal Levelized	4.984	7.761	5.356	5.831

	~~On-Peak Energy Prices (¢/kWh)~~		~~Off-Peak Energy Prices (¢/kWh)~~	
	~~Winter~~	~~Summer~~	~~Winter~~	~~Summer~~
~~15-year (2022-2036) Nominal Levelized~~	~~3.214~~	~~5.214~~	~~3.458~~	~~4.178~~

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

Fixed Solar Facility

Volumetric Winter and Summer Energy Prices for On-Peak and Off-Peak hours

¢/kWh

Non-Levelized Prices

Deliveries During Calendar Year	On-Peak Energy Prices (¢/kWh)(1)		Off-Peak Energy Prices (¢/kWh) (1)	
	Winter	Summer	Winter	Summer
2023	2.948	5.734	2.909	2.794
2024	2.952	6.522	3.030	2.745
2025	1.660	5.067	1.892	2.762
2026 (3)	2.995	3.803	3.195	2.608
2027	3.258	3.517	3.390	3.345
2028	3.601	3.825	3.841	3.661
2029	3.836	3.908	4.243	3.755
2030	4.009	3.953	4.616	3.812
2031	4.071	4.033	4.682	3.992
2032	3.549	3.698	4.029	3.897
2033	3.835	3.739	4.582	4.474
2034	3.935	3.977	4.702	4.722
2035	4.156	4.155	4.763	4.497
2036	4.432	4.553	4.978	4.784
2037	4.635	4.723	5.119	5.136
2038	4.506	4.776	5.034	5.205
2039	4.790	4.804	5.260	5.349
2040	4.931	5.115	5.161	5.502
2041	5.043	5.216	5.296	5.669
2042	5.200	5.387	5.165	5.507

~~Deliveries During Calendar Year~~	~~On-Peak Energy Prices (¢/kWh)(1)~~		~~Off-Peak Energy Prices (¢/kWh) (1)~~	
	~~Winter~~	~~Summer~~	~~Winter~~	~~Summer~~
~~2022~~	~~2.066~~	~~4.950~~	~~2.130~~	~~2.211~~
~~2023~~	~~1.948~~	~~3.857~~	~~2.170~~	~~1.939~~
~~2024~~	~~2.108~~	~~4.078~~	~~2.441~~	~~2.521~~
~~2025~~	~~1.252~~	~~2.758~~	~~1.437~~	~~2.056~~
~~2026 (3)~~	~~2.594~~	~~3.130~~	~~2.768~~	~~3.292~~
~~2027~~	~~2.719~~	~~3.384~~	~~2.797~~	~~3.579~~
~~2028~~	~~2.767~~	~~3.470~~	~~2.918~~	~~3.681~~
~~2029~~	~~3.032~~	~~3.647~~	~~3.133~~	~~3.852~~
~~2030~~	~~3.022~~	~~3.740~~	~~3.208~~	~~3.906~~
~~2031~~	~~3.139~~	~~3.888~~	~~3.363~~	~~4.076~~
~~2032~~	~~2.717~~	~~3.454~~	~~2.884~~	~~3.749~~
~~2033~~	~~3.096~~	~~3.797~~	~~3.393~~	~~4.285~~
~~2034~~	~~3.150~~	~~3.956~~	~~3.488~~	~~4.537~~
~~2035~~	~~3.144~~	~~4.251~~	~~3.475~~	~~4.861~~
~~2036~~	~~3.401~~	~~4.432~~	~~3.850~~	~~4.954~~
~~2037~~	~~3.644~~	~~4.692~~	~~4.016~~	~~5.463~~

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ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

2038	3.665	4.743	3.927	5.588
2039	3.671	4.742	4.031	5.741
2040	3.385	4.618	3.624	5.396

	On-Peak Energy Prices (¢/kWh)		Off-Peak Energy Prices (¢/kWh) (2)	
	Winter	Summer	Winter	Summer
15-year (2022-2036) Nominal Levelized	2.531	3.781	2.733	3.289

(1): On- and off- peak prices are reduced by integration charges
(2): Levelized prices reflect a 0.5% annual degradation rate
(3): Renewable energy credits transfer to the utility starting in 2026

Levelized Prices (Nominal)(3)

	On-Peak Energy Prices (¢/kWh)(2)		Off-Peak Energy Prices (¢/kWh) (2)	
	Winter	Summer	Winter	Summer
15-year (2023-2037) Nominal Levelized	3.408	4.477	3.749	3.566

	On-Peak Energy Prices (¢/kWh)(2)		Off-Peak Energy Prices (¢/kWh) (2)	
	Winter	Summer	Winter	Summer
15-year (2022-2036) Nominal Levelized	2.531	3.781	2.733	3.289

(1): On- and off- peak prices are reduced by integration charges
(2): Levelized prices reflect a 0.5% annual degradation rate
(3): Renewable energy credits transfer to the utility starting in 2026

(continued)

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

Tracking Solar Facility

Volumetric Winter and Summer Energy Prices for On-Peak and Off-Peak hours ¢/kWh

Non-Levelized Prices

Deliveries During Calendar Year	On-Peak Energy Prices (¢/kWh)(1) Winter	On-Peak Energy Prices (¢/kWh)(1) Summer	Off-Peak Energy Prices (¢/kWh) (1) Winter	Off-Peak Energy Prices (¢/kWh) (1) Summer
2023	2.756	5.306	2.835	2.624
2024	2.774	6.236	2.843	2.707
2025	1.562	4.945	1.838	2.710
2026 (3)	2.307	4.678	2.408	3.188
2027	2.846	3.764	2.941	3.518
2028	3.046	4.242	3.220	4.049
2029	3.189	4.461	3.437	4.261
2030	3.195	4.627	3.671	4.467
2031	3.161	4.769	3.660	4.577
2032	2.822	4.074	3.242	4.193
2033	3.057	4.164	3.660	4.903
2034	3.143	4.464	3.703	5.248
2035	3.285	4.742	3.636	5.007
2036	3.429	5.323	3.842	5.414
2037	3.686	5.350	4.060	5.817
2038	3.549	5.409	3.953	5.821
2039	3.826	5.430	4.155	6.037
2040	4.031	5.677	4.038	6.041
2041	3.949	6.000	3.999	6.516
2042	3.940	6.390	3.785	6.452
~~Deliveries During Calendar Year~~	~~On-Peak Energy Prices (¢/kWh)(1) Winter~~	~~On-Peak Energy Prices (¢/kWh)(1) Summer~~	~~Off-Peak Energy Prices (¢/kWh) (1) Winter~~	~~Off-Peak Energy Prices (¢/kWh) (1) Summer~~
~~2022~~	~~2.005~~	~~4.619~~	~~2.062~~	~~2.071~~
~~2023~~	~~1.876~~	~~3.570~~	~~2.126~~	~~1.820~~
~~2024~~	~~2.017~~	~~3.799~~	~~2.311~~	~~2.392~~
~~2025~~	~~1.204~~	~~2.592~~	~~1.395~~	~~1.943~~
~~2026 (3)~~	~~2.366~~	~~2.929~~	~~2.528~~	~~3.083~~
~~2027~~	~~2.463~~	~~3.166~~	~~2.538~~	~~3.298~~
~~2028~~	~~2.525~~	~~3.269~~	~~2.673~~	~~3.432~~
~~2029~~	~~2.792~~	~~3.454~~	~~2.858~~	~~3.593~~
~~2030~~	~~2.740~~	~~3.513~~	~~2.945~~	~~3.638~~
~~2031~~	~~2.824~~	~~3.633~~	~~3.055~~	~~3.761~~
~~2032~~	~~2.380~~	~~3.148~~	~~2.564~~	~~3.367~~
~~2033~~	~~2.735~~	~~3.495~~	~~3.035~~	~~3.893~~

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ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

~~2034~~	~~2.785~~	~~3.651~~	~~3.134~~	~~4.138~~
~~2035~~	~~2.775~~	~~3.904~~	~~3.069~~	~~4.387~~
~~2036~~	~~3.009~~	~~4.118~~	~~3.508~~	~~4.538~~
~~2037~~	~~3.214~~	~~4.345~~	~~3.591~~	~~5.083~~
~~2038~~	~~3.205~~	~~4.386~~	~~3.480~~	~~5.085~~
~~2039~~	~~3.210~~	~~4.385~~	~~3.562~~	~~5.202~~
~~2040~~	~~2.939~~	~~4.237~~	~~3.096~~	~~4.839~~

Levelized Prices (Nominal)(3)

	On-Peak Energy Prices (¢/kWh)(2)		Off-Peak Energy Prices (¢/kWh) (2)	
	Winter	Summer	Winter	Summer
15-year (2023-2037) Nominal Levelized	2.846	4.789	3.119	3.880
	~~On-Peak Energy Prices (¢/kWh)(2)~~		~~Off-Peak Energy Prices (¢/kWh) (2)~~	
	~~Winter~~	~~Summer~~	~~Winter~~	~~Summer~~
~~15-year (2022-2036) Nominal Levelized~~	~~2.321~~	~~3.523~~	~~2.522~~	~~3.046~~

(1): On- and off- peak prices are reduced by integration charges
(2): Levelized prices reflect a 0.5% annual degradation rate
(3): Renewable energy credits transfer to the utility starting in 2026

(continued)

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

Wind Facility

Volumetric Winter and Summer Energy Prices for On-Peak and Off-Peak hours ¢/kWh

Non-Levelized Prices

Deliveries During Calendar Year	On-Peak Energy Prices (¢/kWh)(1)		Off-Peak Energy Prices (¢/kWh) (1)	
	Winter	Summer	Winter	Summer
2023	4.839	9.738	4.812	4.815
2024	5.524	11.745	5.712	5.592
2025	3.682	9.736	4.116	5.469
2026 (2)	3.382	5.984	3.517	4.188
2027	3.497	4.270	3.740	4.045
2028	3.428	4.420	3.658	4.281
2029	3.521	4.498	3.984	4.516
2030	3.543	4.577	4.078	4.722
2031	3.604	4.947	4.119	4.822
2032	3.398	4.434	3.981	4.691
2033	3.339	4.009	3.972	4.944
2034	3.305	4.197	4.002	5.086
2035	3.473	4.498	4.141	5.032
2036	4.930	6.885	5.495	7.119
2037	5.094	6.516	5.399	7.146
2038	4.907	6.781	5.706	7.519
2039	5.375	6.831	5.902	7.843
2040	5.534	7.076	5.995	7.945
2041	5.621	7.581	5.908	8.489
2042	5.825	8.355	5.643	8.754

~~Deliveries During Calendar Year~~	~~On-Peak Energy Prices (¢/kWh)(1)~~		~~Off-Peak Energy Prices (¢/kWh) (1)~~	
	~~Winter~~	~~Summer~~	~~Winter~~	~~Summer~~
~~2022~~	~~2.729~~	~~7.658~~	~~2.826~~	~~3.765~~
~~2023~~	~~2.574~~	~~6.457~~	~~2.900~~	~~3.279~~
~~2024~~	~~3.092~~	~~6.410~~	~~3.595~~	~~4.370~~
~~2025~~	~~2.090~~	~~4.386~~	~~2.413~~	~~3.352~~
~~2026 (2)~~	~~2.971~~	~~3.380~~	~~3.182~~	~~3.568~~
~~2027~~	~~3.034~~	~~3.622~~	~~3.261~~	~~3.846~~
~~2028~~	~~3.084~~	~~3.723~~	~~3.326~~	~~3.957~~
~~2029~~	~~3.211~~	~~3.683~~	~~3.438~~	~~3.971~~
~~2030~~	~~3.237~~	~~3.749~~	~~3.462~~	~~4.118~~
~~2031~~	~~3.369~~	~~4.009~~	~~3.656~~	~~4.183~~
~~2032~~	~~3.191~~	~~3.844~~	~~3.471~~	~~4.220~~
~~2033~~	~~3.367~~	~~3.846~~	~~3.726~~	~~4.450~~
~~2034~~	~~3.380~~	~~4.025~~	~~3.857~~	~~4.626~~

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

~~2035~~	~~3.370~~	~~4.248~~	~~3.890~~	~~5.020~~
~~2036~~	~~4.947~~	~~6.150~~	~~5.647~~	~~6.861~~
~~2037~~	~~5.374~~	~~6.364~~	~~5.836~~	~~7.409~~
~~2038~~	~~5.281~~	~~6.524~~	~~6.079~~	~~7.804~~
~~2039~~	~~5.513~~	~~6.572~~	~~6.153~~	~~8.125~~
~~2040~~	~~5.529~~	~~7.089~~	~~6.250~~	~~8.516~~

Levelized Prices (Nominal)

	On Peak Energy Prices (¢/kWh)		Off-Peak Energy Prices (¢/kWh)	
	Winter	Summer	Winter	Summer
15-year (2023-2037) Nominal Levelized	3.941	6.463	4.306	4.985

	~~On Peak Energy Prices (¢/kWh)~~		~~Off-Peak Energy Prices (¢/kWh)~~	
	~~Winter~~	~~Summer~~	~~Winter~~	~~Summer~~
~~15-year (2022-2036) Nominal Levelized~~	~~3.058~~	~~4.807~~	~~3.369~~	~~4.075~~

(1): On- and off- peak prices are reduced by integration charges
(2): Renewable energy credits transfer to the utility starting in 2026

PROPOSED TARIFFS

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

Base Load Facility

Volumetric Winter and Summer Energy Prices for On-Peak and Off-Peak hours ¢/kWh

Non-Levelized Prices

Deliveries During Calendar Year	On-Peak Energy Prices (¢/kWh)		Off-Peak Energy Prices (¢/kWh)	
	Winter	Summer	Winter	Summer
2023	5.885	11.206	5.751	5.318
2024	6.212	13.748	6.339	5.942
2025	3.950	11.136	4.348	6.032
2026	4.917	8.120	5.097	5.415
2027	4.466	5.085	4.604	4.763
2028	4.216	5.324	4.395	5.085
2029	4.307	5.254	4.704	5.055
2030	4.366	5.305	4.910	5.163
2031	5.631	6.714	6.318	6.594
2032	5.359	6.371	6.093	6.593
2033	4.843	5.476	5.651	6.473
2034	4.808	5.717	5.666	6.709
2035	5.084	5.944	5.810	6.416
2036	5.227	6.573	5.719	6.867
2037	5.289	6.691	5.697	7.216
2038	5.368	6.962	6.040	7.548
2039	5.814	6.880	6.285	7.638
2040	6.217	7.443	6.430	8.037
2041	6.357	7.581	6.565	8.244
2042	6.718	7.967	6.420	8.138

Levelized Prices (Nominal)

	On-Peak Energy Prices (¢/kWh)		Off-Peak Energy Prices (¢/kWh)	
	Winter	Summer	Winter	Summer
15-year (2023-2037) Nominal Levelized	4.984	7.761	5.356	5.831

(continued)

ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

Third Revision of Sheet No. 37.5
P.S.C.U. No. 51 **Canceling Second Revision of Sheet No. 37.5**

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

Fixed Solar Facility

Volumetric Winter and Summer Energy Prices for On-Peak and Off-Peak hours
¢/kWh

Non-Levelized Prices

Deliveries During Calendar Year	On-Peak Energy Prices (¢/kWh)(1)		Off-Peak Energy Prices (¢/kWh) (1)	
	Winter	Summer	Winter	Summer
2023	2.948	5.734	2.909	2.794
2024	2.952	6.522	3.030	2.745
2025	1.660	5.067	1.892	2.762
2026 (3)	2.995	3.803	3.195	2.608
2027	3.258	3.517	3.390	3.345
2028	3.601	3.825	3.841	3.661
2029	3.836	3.908	4.243	3.755
2030	4.009	3.953	4.616	3.812
2031	4.071	4.033	4.682	3.992
2032	3.549	3.698	4.029	3.897
2033	3.835	3.739	4.582	4.474
2034	3.935	3.977	4.702	4.722
2035	4.156	4.155	4.763	4.497
2036	4.432	4.553	4.978	4.784
2037	4.635	4.723	5.119	5.136
2038	4.506	4.776	5.034	5.205
2039	4.790	4.804	5.260	5.349
2040	4.931	5.115	5.161	5.502
2041	5.043	5.216	5.296	5.669
2042	5.200	5.387	5.165	5.507

Levelized Prices (Nominal)(3)

	On-Peak Energy Prices (¢/kWh)(2)		Off-Peak Energy Prices (¢/kWh) (2)	
	Winter	Summer	Winter	Summer
15-year (2023-2037) Nominal Levelized	3.408	4.477	3.749	3.566

(1): On- and off- peak prices are reduced by integration charges
(2): Levelized prices reflect a 0.5% annual degradation rate
(3): Renewable energy credits transfer to the utility starting in 2026

(continued)

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

Tracking Solar Facility

Volumetric Winter and Summer Energy Prices for On-Peak and Off-Peak hours ¢/kWh

Non-Levelized Prices

Deliveries During Calendar Year	On-Peak Energy Prices (¢/kWh)(1)		Off-Peak Energy Prices (¢/kWh) (1)	
	Winter	Summer	Winter	Summer
2023	2.756	5.306	2.835	2.624
2024	2.774	6.236	2.843	2.707
2025	1.562	4.945	1.838	2.710
2026 (3)	2.307	4.678	2.408	3.188
2027	2.846	3.764	2.941	3.518
2028	3.046	4.242	3.220	4.049
2029	3.189	4.461	3.437	4.261
2030	3.195	4.627	3.671	4.467
2031	3.161	4.769	3.660	4.577
2032	2.822	4.074	3.242	4.193
2033	3.057	4.164	3.660	4.903
2034	3.143	4.464	3.703	5.248
2035	3.285	4.742	3.636	5.007
2036	3.429	5.323	3.842	5.414
2037	3.686	5.350	4.060	5.817
2038	3.549	5.409	3.953	5.821
2039	3.826	5.430	4.155	6.037
2040	4.031	5.677	4.038	6.041
2041	3.949	6.000	3.999	6.516
2042	3.940	6.390	3.785	6.452

Levelized Prices (Nominal)(3)

	On-Peak Energy Prices (¢/kWh)(2)		Off-Peak Energy Prices (¢/kWh) (2)	
	Winter	Summer	Winter	Summer
15-year (2023-2037) Nominal Levelized	2.846	4.789	3.119	3.880

(1): On- and off- peak prices are reduced by integration charges
(2): Levelized prices reflect a 0.5% annual degradation rate
(3): Renewable energy credits transfer to the utility starting in 2026

(continued)

ELECTRIC SERVICE SCHEDULE NO. 37 - Continued

Wind Facility

Volumetric Winter and Summer Energy Prices for On-Peak and Off-Peak hours ¢/kWh

Non-Levelized Prices

Deliveries During Calendar Year	On-Peak Energy Prices (¢/kWh)(1)		Off-Peak Energy Prices (¢/kWh) (1)	
	Winter	Summer	Winter	Summer
2023	4.839	9.738	4.812	4.815
2024	5.524	11.745	5.712	5.592
2025	3.682	9.736	4.116	5.469
2026 (2)	3.382	5.984	3.517	4.188
2027	3.497	4.270	3.740	4.045
2028	3.428	4.420	3.658	4.281
2029	3.521	4.498	3.984	4.516
2030	3.543	4.577	4.078	4.722
2031	3.604	4.947	4.119	4.822
2032	3.398	4.434	3.981	4.691
2033	3.339	4.009	3.972	4.944
2034	3.305	4.197	4.002	5.086
2035	3.473	4.498	4.141	5.032
2036	4.930	6.885	5.495	7.119
2037	5.094	6.516	5.399	7.146
2038	4.907	6.781	5.706	7.519
2039	5.375	6.831	5.902	7.843
2040	5.534	7.076	5.995	7.945
2041	5.621	7.581	5.908	8.489
2042	5.825	8.355	5.643	8.754

Levelized Prices (Nominal)

	On Peak Energy Prices (¢/kWh)		Off-Peak Energy Prices (¢/kWh)	
	Winter	Summer	Winter	Summer
15-year (2023-2037) Nominal Levelized	3.941	6.463	4.306	4.985

(1): On- and off- peak prices are reduced by integration charges
(2): Renewable energy credits transfer to the utility starting in 2026

APPENDIX 1

Table 1
2021 IRP Update Preferred Portfolio
PacifiCorp's 2021 IRP Update, Volume 1 – Chapter 6

	Portfolio Category	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	Total
East	**Thermal Plant Retirements, Conversions**																				
	Coal Plant End-of-life Retirements																				
	Craig 1	-	-	-	-	(82.3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(82.3)
	Craig 2	-	-	-	-	-	-	-	(79.0)	-	-	-	-	-	-	-	-	-	-	-	(79.0)
	DaveJohnston 1	-	-	-	-	-	-	(99.0)	-	-	-	-	-	-	-	-	-	-	-	-	(99.0)
	DaveJohnston 2	-	-	-	-	-	-	(106.0)	-	-	-	-	-	-	-	-	-	-	-	-	(106.0)
	DaveJohnston 3	-	-	-	-	-	-	(220.0)	-	-	-	-	-	-	-	-	-	-	-	-	(220.0)
	DaveJohnston 4	-	-	-	-	-	-	(330.0)	-	-	-	-	-	-	-	-	-	-	-	-	(330.0)
	Hayden 1	-	-	-	-	-	-	-	(43.9)	-	-	-	-	-	-	-	-	-	-	-	(43.9)
	Hayden 2	-	-	-	-	-	-	(33.0)	-	-	-	-	-	-	-	-	-	-	-	-	(33.0)
	Huntington 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(459.0)	-	-	-	(459.0)
	Huntington 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(450.0)	-	-	-	(450.0)
	Wyoalak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(268.0)	(268.0)
	Coal Plant End-of-life Retirements Total	-	-	-	-	(82.3)	-	(788.0)	(122.9)	-	-	-	-	-	-	-	(909.0)	-	-	(268.0)	(2,170.2)
	Coal Early Retirements																				
	Naughton 1 (Coal Early Retirement - 2025)	-	-	-	-	(156.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(156.0)
	Naughton 2 (Coal Early Retirement - 2025)	-	-	-	-	(201.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(201.0)
	Coal Early Retirements Total	-	-	-	-	(357.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(357.0)
	Gas Plant End-of-life Retirements																				
	Gadsby 1	-	-	-	-	-	-	-	-	-	-	-	(64.0)	-	-	-	-	-	-	-	(64.0)
	Gadsby 2	-	-	-	-	-	-	-	-	-	-	-	(69.0)	-	-	-	-	-	-	-	(69.0)
	Gadsby 3	-	-	-	-	-	-	-	-	-	-	-	(104.5)	-	-	-	-	-	-	-	(104.5)
	Gadsby 4	-	-	-	-	-	-	-	-	-	-	-	(39.6)	-	-	-	-	-	-	-	(39.6)
	Gadsby 5	-	-	-	-	-	-	-	-	-	-	-	(39.6)	-	-	-	-	-	-	-	(39.6)
	Gadsby 6	-	-	-	-	-	-	-	-	-	-	-	(39.6)	-	-	-	-	-	-	-	(39.6)
	Naughton 3 GC	-	-	-	-	-	-	-	-	(247.0)	-	-	-	-	-	-	-	-	-	-	(247.0)
	Gas Plant End-of-life Retirements Total	-	-	-	-	-	-	-	-	**(247.0)**	-	-	(356.3)	-	-	-	-	-	-	-	**(603.3)**
	Thermal Plant Retirements, Conversions Total	-	-	-	-	(439.3)	-	(788.0)	(122.9)	(247.0)	-	-	(356.3)	-	-	-	(909.0)	-	-	(268.0)	(3,130.5)
	Expansion Resources																				
	NonEmitting Peaker																				
	NonEmitting Peaker - Utah North	-	-	-	-	-	-	-	-	-	412.2	-	-	-	-	-	-	-	-	-	412.2
	NonEmitting Peaker - Huntington 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206.11	-	-	-	206.1
	NonEmitting Peaker Total	-	-	-	-	-	-	-	-	-	**412.2**	-	-	-	-	-	**206.1**	-	-	-	**618.3**
	Nuclear																				
	Advanced-Nuclear-Naughton	-	-	-	-	-	-	345.0	-	-	-	-	-	-	-	-	-	-	-	-	345.0
	Nuclear Total	-	-	-	-	-	-	**345.0**	-	-	-	-	-	-	-	-	-	-	-	-	**345.0**
	Nuclear Storage																				
	Nuclear Storage - Naughton	-	-	-	-	-	-	155.0	-	-	-	-	-	-	-	-	-	-	-	-	155.0
	Nuclear Storage Total	-	-	-	-	-	-	**155.0**	-	-	-	-	-	-	-	-	-	-	-	-	**155.0**
	Renewable - Wind																				
	Wind, Wyoming East	-	-	-	-	-	-	255.0	81.6	207.63	-	-	-	-	-	-	-	-	-	268.0	812.2
	RFP-Wind - Goshen	-	-	151.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151.0
	RFP-Wind - Wyoming East	-	-	-	1,640.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,640.9
	Renewable - Wind Total	-	-	**151.0**	**1,640.9**	-	-	**255.0**	**81.6**	**207.6**	-	-	-	-	-	-	-	-	-	**268.0**	**2,604.1**
	Renewable - Utility Solar+Storage																				
	Utility Solar + Storage - PV - Utah North	-	-	-	-	-	-	-	-	-	626.0	-	-	-	-	-	-	-	-	-	626.0
	Utility Solar + Storage - PV - Utah South	-	-	-	-	-	-	-	-	-	-	1,100.0	-	-	-	-	-	-	-	-	1,100.0
	Utility Solar + Storage - PV - Hunter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	702.0	-	-	-	702.0
	RFP-PVS Solar - Utah North	-	-	45.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.0
	RFP-PVS Solar - Utah South	-	-	300.0	595.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	895.6
	Renewable - Utility Solar+Storage Total	-	-	**345.0**	**595.6**	-	-	-	-	-	**626.0**	**1,100.0**	-	-	-	-	**702.0**	-	-	-	**3,368.6**
	Battery - Stand Alone																				
	Battery Storage - DJ+Wyodak	-	-	-	-	-	-	-	500.0	-	-	-	-	-	-	-	-	-	-	-	500.0
	RFP-Battery Storage - Utah-N	-	-	200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200.0
	Battery - Stand Alone Total	-	-	**200.0**	-	-	-	-	**500.0**	-	-	-	-	-	-	-	-	-	-	-	**700.0**
	DSM - Demand Response																				
	DR Summer - ID	-	0.2	9.0	1.8	0.5	0.6	3.2	4.7	0.6	1.3	0.7	0.7	0.7	12.9	0.5	0.6	0.9	0.5	0.6	40.0
	DR Summer - UT	-	12.8	7.7	3.3	1.9	2.9	22.6	14.0	7.5	9.4	5.7	7.0	5.6	15.2	5.3	7.6	6.4	4.5	5.2	144.6
	DR Summer - WY	-	0.4	0.5	0.3	0.6	0.6	0.6	2.6	0.4	0.4	0.3	0.5	0.3	0.4	0.4	0.4	0.5	0.5	0.3	10.0
	DR Winter - ID	-	-	-	0.9	0.5	0.6	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.5	0.6	0.6	0.5	0.6	10.2
	DR Winter - UT	-	-	-	14.0	1.6	2.2	3.9	6.1	5.3	6.4	12.0	5.7	5.7	5.4	4.6	54.1	4.2	4.0	6.0	141.1
	DR Winter - WY	-	-	-	0.9	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.9	0.4	0.3	0.5	0.4	0.3	7.7
	RFP- DSM DRS - Goshen	4.6	5.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	-	-	-	-	-	-	-	-	-	24.8
	RFP- DSM DRS - Utah North	53.2	56.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	-	-	-	-	-	-	-	-	-	158.2
	RFP- DSM DRS - Wyoming Central	16.6	1.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	-	-	-	-	-	-	-	-	-	32.2
	DSM - Demand Response Total	**74.4**	**76.3**	**26.9**	**30.9**	**15.3**	**17.2**	**41.2**	**38.2**	**24.5**	**28.3**	**19.7**	**14.8**	**13.4**	**35.3**	**11.7**	**63.6**	**13.2**	**10.6**	**13.1**	**568.6**
	DSM - Energy Efficiency																				
	Energy Efficiency, ID	4.3	4.1	4.2	10.4	12.9	16.7	19.4	21.2	22.6	23.1	23.0	21.7	20.1	17.8	15.6	13.3	10.8	8.8	7.6	283.5
	Energy Efficiency, UT	59.0	61.1	62.1	104.4	126.6	146.0	162.8	176.4	196.4	199.1	195.5	184.4	170.6	153.0	134.1	116.0	99.6	85.7	78.8	2,564.5
	Energy Efficiency, WY	7.3	7.3	7.3	21.4	23.2	25.2	26.9	27.0	27.3	26.3	24.3	21.5	19.1	16.7	13.2	10.9	9.5	8.3	8.0	337.6
	Energy Efficiency-Home Energy Report, ID	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	-	-	-	2.6
	Energy Efficiency-Home Energy Report, UT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.3
	DSM - Energy Efficiency Total	**70.6**	**72.4**	**73.6**	**136.1**	**162.8**	**188.0**	**209.1**	**224.6**	**246.3**	**248.4**	**242.8**	**227.6**	**209.8**	**187.5**	**162.9**	**140.2**	**119.9**	**102.8**	**94.4**	**3,214.6**
	Front Office Transactions																				
	FOT - Mona, Winter	180.8	167.3	187.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125.5	927
	FOT - Mona, Summer	300.0	300.0	300.0	124.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,324
	Front Office Transactions Total	**480.8**	**467.3**	**487.5**	**124.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**125.5**	**2,251.8**
	Renewable - Battery (Solar+Storage)																				
	PVS Battery - Utah North	-	-	-	-	-	-	-	-	-	626.0	-	-	-	-	-	-	-	-	-	626.0
	PVS Battery - Utah South	-	-	-	-	-	-	-	-	-	-	1,100.0	-	-	-	-	-	-	-	-	1,100.0
	PVS Battery - Hunter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	702.0	-	-	-	702.0
	RFP-PVS Battery - Utah North	-	-	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.5
	RFP-PVS Battery - Utah South	-	-	75.0	299.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	374.0
	Renewable - Battery (Solar+Storage) Total	-	-	**87.5**	**299.0**	-	-	-	-	-	**626.0**	**1,100.0**	-	-	-	-	**702.0**	-	-	-	**2,814.5**
	Expansion Resources Total	**145**	**149**	**884**	**2,703**	**178**	**205**	**1,005**	**844**	**478**	**1,941**	**2,463**	**242**	**223**	**223**	**175**	**1,930**	**212**	**255**	**539**	**14,889**
West																					
	Thermal Plant Retirements, Conversions																				
	Coal Plant End-of-life Retirements																				
	Colstrip 3	-	-	-	-	(74.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(74.0)
	Colstrip 4	-	-	-	-	(74.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(74.0)
	JimBridger 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(348.7)	-	-	(348.7)
	JimBridger 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(350.7)	-	-	(350.7)
	Coal Plant End-of-life Retirements Total	-	-	-	-	**(148.0)**	-	-	-	-	-	-	-	-	-	-	-	**(699.3)**	-	-	**(847.3)**
	Coal - Gas Conversions																				
	2024JimBridger 1 GC, Coal Ends	-	-	(354.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(354.0)
	2024JimBridger 2 GC, Coal Ends	-	-	(359.3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(359.3)
	Coal - Gas Conversions Total	-	-	**(713.3)**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**(713.3)**
	Gas Plant End-of-life Retirements																				
	Hermiston	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(237.0)	-	-	-	(237.0)
	Gas Plant End-of-life Retirements Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**(237.0)**	-	-	-	**(237.0)**
	Thermal Plant Retirements, Conversions Total	-	-	**(713.3)**	-	**(148.0)**	-	-	-	-	-	-	-	-	-	-	**(237.0)**	**(699.3)**	-	-	**(1,797.7)**
	Expansion Resources																				
	NonEmitting Peaker																				
	NonEmitting Peaker - Hermiston	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206.1	-	-	-	206.1
	NonEmitting Peaker - Bridger	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	412.2	-	-	412.2
	NonEmitting Peaker Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**206.1**	**412.2**	-	-	**618.3**
	Nuclear																				
	Advanced-Nuclear-Bridger	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	690.0	-	-	690.0
	Nuclear Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**690.0**	-	-	**690.0**
	Nuclear Storage																				
	Nuclear Storage - Bridger	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	310.0	-	-	310.0
	Nuclear Storage Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**310.0**	-	-	**310.0**
	Renewable - Wind																				
	Wind, Portland North Coast	-	-	-	-	130.0	-	-	-	-	-	-	-	-	-	-	-	450.0	-	-	580.0
	Wind, Willamette Valley	-	-	-	-	415.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415.0
	Wind, Bridger	-	-	-	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3
	Wind, Walla Walla - WA	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	-	100.0
	Wind, Yakima	-	-	-	-	-	-	-	120.0	-	-	-	-	-	-	-	155.5	-	-	-	275.5
	Renewable - Wind Total	-	-	-	-	**547.3**	-	-	**120.0**	**100.0**	-	-	-	-	-	-	**155.5**	**450.0**	-	-	**1,372.8**
	Renewable - Wind+Storage																				
	Wind+Storage, Yakima	-	-	-	-	-	-	-	160.0	-	-	-	-	-	-	-	-	-	-	-	160.0
	Renewable - Wind+Storage Total	-	-	-	-	-	-	-	**160.0**	-	-	-	-	-	-	-	-	-	-	-	**160.0**
	Renewable Utility Solar+Storage																				
	Utility Solar + Storage - PV - BorahPop	-	-	-	-	600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600.0
	Utility Solar + Storage - PV - Central OR	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	-	100.0
	Utility Solar + Storage - PV - Southern OR	-	-	-	-	-	-	83.0	-	377.0	-	-	-	-	-	-	-	-	-	-	460.0
	Utility Solar + Storage - PV - Yakima	-	-	-	-	-	-	-	160.0	-	-	-	-	-	-	-	-	-	-	-	160.0
	RFP-PVS Solar - Southern OR	-	-	-	299.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	299.0
	Renewable - Utility Solar+Storage Total	-	-	-	**299.0**	**600.0**	-	**83.0**	**160.0**	**477.0**	-	-	-	-	-	-	-	-	-	-	**1,579.0**
	Battery - Stand Alone																				
	Battery Storage - Willamette Valley	-	-	-	-	200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200.0
	Battery - Stand Alone Total	-	-	-	-	**200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**200.0**
	Storage - Pumped Hydro																				
	Pump Storage - West	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500.0	500.0
	Storage - Pumped Hydro Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**500.0**	**500.0**
	DSM - Demand Response																				
	DR Summer - CA	-	1.0	1.3	0.4	0.3	0.4	0.6	0.5	1.7	0.7	0.8	0.9	0.7	1.2	0.9	1.5	1.0	1.2	1.9	16.8
	DR Summer - OR	-	4.8	4.8	1.5	0.5	1.2	1.4	0.6	9.3	2.1	2.7	3.6	2.2	2.0	2.2	2.2	2.2	1.9	1.3	46.4
	DR Summer - WA	-	1.1	0.9	0.4	0.0	0.2	0.4	0.1	3.0	0.7	1.4	0.9	0.6	0.4	0.5	0.5	0.6	0.6	0.3	12.5
	DR Winter - CA	-	1.3	0.7	0.4	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	0.7	1.7	1.0	1.6	1.0	1.2	1.9	16.1
	DR Winter - OR	-	4.1	4.6	0.8	0.5	0.6	0.8	0.6	0.5	1.5	2.0	2.0	2.1	5.9	7.5	2.2	1.4	1.3	1.3	39.6
	DR Winter - WA	-	1.1	1.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.6	0.4	2.3	0.5	0.5	0.9	0.4	0.4	0.3	9.3
	RFP- DSM DRS - Southern OR - CA	1.7	1.9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	6.9
	RFP- DSM DRS - Southern OR	32.0	44.2	25.0	20.7	15.1	14.2	14.4	15.1	15.7	16.4	-	-	-	-	-	-	-	-	-	212.8
	RFP- DSM DRS - Yakima	8.7	12.7	7.9	5.0	2.3	2.3	2.3	2.4	2.5	2.6	-	-	-	-	-	-	-	-	-	48.7
	DSM - Demand Response Total	**42.3**	**72.1**	**46.7**	**29.6**	**19.4**	**19.7**	**20.8**	**20.2**	**34.0**	**25.3**	**8.3**	**8.7**	**8.5**	**11.8**	**12.6**	**8.8**	**6.5**	**6.6**	**6.9**	**409.0**
	DSM - Energy Efficiency																				
	Energy Efficiency, CA	0.8	1.0	1.2	2.8	4.3	4.8	5.2	5.3	5.3	4.9	4.5	3.9	3.4	2.9	2.5	2.3	1.9	1.4	1.2	61.4
	Energy Efficiency, OR	33.5	37.3	41.6	34.7	38.4	41.2	43.9	45.2	46.2	46.2	45.9	49.1	46.9	42.7	40.4	37.9	37.9	37.9	36.1	819.4
	Energy Efficiency, WA	15.3	15.8	15.3	25.8	31.4	36.2	45.9	47.8	49.2	48.1	45.6	41.3	36.4	28.6	24.4	20.9	16.6	13.2	11.0	576.5
	Energy Efficiency-Home Energy Report, OR	3.7	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.8
	Energy Efficiency-Home Energy Report, WA	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3
	DSM - Energy Efficiency Total	**53.5**	**58.6**	**58.1**	**63.3**	**74.0**	**82.2**	**95.0**	**98.3**	**100.6**	**99.3**	**96.0**	**94.3**	**86.7**	**74.1**	**67.3**	**61.1**	**56.4**	**52.5**	**48.3**	**1,470.3**
	Front Office Transactions																				
	FOT - Mid-C, Summer	1,244.7	1,127.7	1,445.1	290.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,784.2
	FOT - COB, Winter	150.7	139.4	156.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104.6	772.8
	FOT - Mid-C, Winter	210.9	195.2	218.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146.4	1,082.0
	FOT - NOB, Winter	60.3	55.8	62.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.8	309.1
	Front Office Transactions Total	**1,666.6**	**1,518.1**	**1,882.5**	**290.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**292.9**	**7,948.1**
	Renewable - Battery (Solar+Storage)																				
	PVS Battery - Central OR	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	-	100.0
	PVS Battery - Southern OR	-	-	-	-	-	-	41.5	-	377.0	-	-	-	-	-	-	-	-	-	-	418.5
	PVS Battery - Yakima	-	-	-	-	-	-	-	160.0	-	-	-	-	-	-	-	-	-	-	-	160.0
	PVS Battery - BorahPop	-	-	-	-	600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600.0
	RFP-PVS Battery - Southern OR	-	-	-	52.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5
	Renewable - Battery (Solar+Storage) Total	-	-	-	**52.5**	**600.0**	-	**41.5**	**160.0**	**477.0**	-	-	-	-	-	-	-	-	-	-	**1,331.0**
	Expansion Resources Total	215	360	379	658	2,156	232	382	908	1,360	288	268	354	438	490	469	936	2,762	936	1,457	15,388
Total		**359.7**	**508.8**	**549.8**	**3,360.9**	**1,746.4**	**437.1**	**599.7**	**1,629.5**	**1,591.6**	**2,228.5**	**2,730.4**	**240.4**	**660.8**	**713.2**	**643.6**	**1,720.0**	**2,274.4**	**1,190.9**	**1,728.2**	**25,348.7**

1/ Front office transaction amounts reflect one-year transaction periods, are not additive

Contracts Queue					
No.	Signed Contracts	Partial Displacement	Name plate	Capacity Contribution	Start Date
1	Kennecott Smelter	0.0	31.8	0.0%	2022 01 01
2	Kennecott Refinery	0.0	6.2	0.0%	2022 01 01
3	Tesoro	0.0	25.0	0.0%	2022 01 01
4	Exxon Mobil	0.0	98.0	0.0%	2022 01 01
5	Simplot Phosphates	0.0	13.3	0.0%	2022 01 01
6	Sunnyside Solar QF	0.4	5.0	9.0%	2023 09 30
Total Signed MW		0.45	179.29		

2021 IRP Appendix K

Table K.2 – Final CF Method Capacity Contribution Values for Solar Combined with Storage

	Capacity Factor (%)	Capacity Contribution (%)		Capacity Contribution (%)
Summer/Winter:	Annual	S	W	Annual
Solar & Storage				
Idaho Falls, ID	28%	81%	92%	83%
Lakeview, OR	29%	82%	93%	84%
Milford, UT	32%	80%	95%	83%
Yakima, WA	25%	79%	91%	81%
Rock Springs, WY	30%	80%	94%	83%
Wind & Storage				
Pocatello, ID				
Arlington, OR				
Monticello, UT				
Goldendale, WA				
Medicine Bow, WY				

2021 IRP Appendix K

Table K.1 – Final CF Method Capacity Contribution Values for Wind, Solar, and Storage

	Capacity Factor (%)	Capacity Contribution (%)		
Summer/Winter:	Annual	S	W	
Solar				
Idaho Falls, ID	28%	14%	7%	13%
Lakeview, OR	29%	13%	18%	14%
Milford, UT	32%	15%	7%	14%
Yakima, WA	25%	9%	4%	8%
Rock Springs, WY	30%	14%	13%	14%
Wind				
Pocatello, ID	37%	33%	39%	34%
Arlington, OR	37%	46%	17%	41%
Monticello, UT	29%	14%	42%	19%
Goldendale, WA	37%	47%	21%	43%
Medicine Bow, WY	44%	30%	32%	31%
Stand-alone Storage				
2 hour duration		49%	75%	54%
4 hour duration		74%	90%	77%
9 hour duration		90%	96%	91%
Seasonal Split		82.781%	17.219%	

Table 3
Comparison between Proposed and Current Avoided Costs

	BASE LOAD			WIND			SOLAR FIXED			SOLAR TRACKING		
Year	Proposed ($/MWH)	Current ($/MWH)	Total Difference ($/MWH)	Proposed ($/MWH)	Current ($/MWH)	Total Difference ($/MWH)	Proposed ($/MWH)	Current ($/MWH)	Total Difference ($/MWH)	Proposed ($/MWH)	Current ($/MWH)	Total Difference ($/MWH)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
			(a) - (b)			(d) - (e)			(g) - (h)			(j) - (k)
2023	$67.59	$38.55	$29.03	$55.25	$33.06	$22.18	$38.01	$25.64	$12.37	$35.79	$24.47	$11.32
2024	$76.21	$45.52	$30.69	$64.76	$38.61	$26.15	$40.57	$27.81	$12.76	$38.98	$26.63	$12.35
2025	$57.17	$30.29	$26.88	$48.73	$26.54	$22.18	$28.15	$17.91	$10.24	$28.03	$17.48	$10.55
2026	$56.42	$27.67	$28.75	$38.81	$31.60	$7.21	$32.41	$28.23	$4.18	$31.75	$26.37	$5.38
2027	$46.66	$29.57	$17.09	$37.44	$32.77	$4.67	$33.58	$29.90	$3.68	$32.21	$27.81	$4.39
2028	$46.03	$30.40	$15.63	$37.34	$33.45	$3.89	$36.98	$30.60	$6.38	$35.51	$28.72	$6.80
2029	$47.11	$31.19	$15.92	$39.14	$34.32	$4.83	$38.94	$32.87	$6.07	$37.34	$30.93	$6.41
2030	$48.18	$31.28	$16.90	$39.88	$34.76	$5.12	$40.39	$33.22	$7.18	$38.35	$31.01	$7.34
2031	$61.76	$45.15	$16.61	$40.90	$36.39	$4.51	$41.15	$34.55	$6.60	$38.75	$32.03	$6.71
2032	$59.44	$43.44	$16.01	$38.70	$34.83	$3.87	$36.66	$30.30	$6.35	$34.08	$27.46	$6.62
2033	$54.37	$44.69	$9.69	$38.08	$36.66	$1.43	$39.21	$34.21	$5.00	$36.62	$31.28	$5.34
2034	$55.08	$46.25	$8.84	$38.45	$37.58	$0.88	$40.75	$35.25	$5.51	$38.38	$32.36	$6.02
2035	$56.53	$47.81	$8.72	$39.99	$38.37	$1.62	$42.38	$36.33	$6.05	$39.65	$33.32	$6.33
2036	$58.64	$49.36	$9.28	$56.22	$55.47	$0.76	$45.47	$38.67	$6.79	$42.84	$35.72	$7.11
2037	$59.54	$54.52	$5.02	$56.12	$58.79	($2.67)	$47.43	$41.25	$6.18	$44.76	$38.05	$6.71
2038	$61.83	$54.85	$6.98	$57.08	$59.82	($2.75)	$46.88	$41.51	$5.37	$44.20	$38.03	$6.16
2039	$64.19	$54.77	$9.42	$60.13	$61.47	($1.33)	$48.78	$41.75	$7.03	$46.00	$38.25	$7.75
2040	$67.76	$54.48	$13.28	$61.58	$63.00	($1.42)	$50.48	$39.23	$11.25	$47.65	$35.65	$12.01
(x) Extrapolated												
15 Year (2023 to 2037) Levelized Prices (Nominal) @ 6.88% Discount Rate												
$/MWH	$57.37	$38.20	$19.17	$45.28	$36.03	$9.25	$37.91	$30.44	$7.47	$36.13	$28.44	$7.68
15 Year (2024 to 2038) Levelized Prices (Nominal) @ 6.88% Discount Rate												
$/MWH	$56.43	$38.83	$17.60	$44.67	$37.31	$7.36	$38.26	$31.41	$6.85	$36.49	$29.26	$7.23
15 Year (2025 to 2039) Levelized Prices (Nominal) @ 6.88% Discount Rate												
$/MWH	$54.59	$38.74	$15.85	$43.10	$38.14	$4.96	$38.43	$32.21	$6.21	$36.60	$29.91	$6.69

	Generation Profile_Baseload	Generation Profile_Wind*	Generation Profile_Solar Fixed	Generation Profile_Solar Tracking
on-peak Summer	19%	14%	31%	32%
on-peak Winter	37%	43%	52%	47%
off-peak Summer	15%	11%	7%	10%
off-peak Winter	29%	32%	10%	10%

Table 4
Natural Gas Price - Delivered to Plant
$/MMBtu

Year	West Side	East Side
	(a)	(b)
2023	$4.77	$5.46
2024	$4.01	$4.74
2025	$4.43	$5.16
2026	$4.80	$5.29
2027	$5.22	$5.33
2028	$5.42	$5.34
2029	$5.59	$5.50
2030	$5.61	$5.54
2031	$5.87	$5.78
2032	$6.19	$6.01
2033	$6.42	$6.38
2034	$6.67	$6.59
2035	$6.71	$6.67
2036	$6.85	$6.85
2037	$7.21	$7.24
2038	$7.58	$7.59
2039	$7.92	$8.02
2040	$8.33	$8.48
2041	$8.76	$8.88
2042	$9.17	$9.35

Source

Official Forward Price Curve dated March 31 2023

Table 5
Electricity Market Prices
$/MWH

Year	Market Price $/MWH			
	HLH		LLH	
	Mid-Columbia	Palo Verde	Mid-Columbia	Palo Verde
	(a)	(b)	(c)	(d)
2023	$125.27	$112.17	$83.88	$77.44
2024	$112.71	$109.38	$74.77	$76.40
2025	$109.47	$101.23	$76.47	$80.62
2026	$90.26	$81.89	$66.48	$70.34
2027	$63.39	$60.60	$54.49	$60.34
2028	$57.20	$57.55	$51.55	$57.85
2029	$56.94	$57.54	$52.87	$59.83
2030	$57.66	$58.54	$54.80	$62.29
2031	$58.57	$61.33	$55.04	$64.85
2032	$55.78	$60.97	$54.89	$66.35
2033	$46.68	$53.64	$48.09	$62.45
2034	$48.27	$55.57	$49.70	$64.62
2035	$49.90	$59.12	$49.54	$65.29
2036	$53.29	$60.31	$48.80	$64.16
2037	$55.08	$63.45	$53.72	$67.53
2038	$58.13	$64.45	$57.33	$70.54
2039	$59.03	$66.43	$58.50	$71.84
2040	$63.86	$71.47	$59.91	$74.54
2041	$64.01	$73.55	$61.88	$76.96
2042	$69.88	$78.51	$58.33	$76.02

Source

Official Forward Price Curve dated March 31 2023

Table 6
Integration Costs
$/MWH

Year	Wind Integration $/MWh	Solar Integration $/MWh
2022	$0.27	$0.22
2023	$2.35	$6.07
2024	$2.03	$1.92
2025	$2.72	$1.22
2026	$2.88	$0.91
2027	$3.28	$2.37
2028	$3.44	$2.32
2029	$1.80	$0.40
2030	$1.65	$0.54
2031	$0.50	$0.20
2032	$0.66	$0.27
2033	$0.18	$0.12
2034	$0.13	$0.12
2035	$0.17	$0.13
2036	$0.15	$0.12
2037	$0.03	$0.05
2038	$0.03	$0.05
2039	$0.03	$0.05
2040	$0.14	$0.35
2041	$0.15 (x)	$0.35 (x)
2042	$0.15 (x)	$0.36 (x)

Source: 2021 IRP - Appendix F - Flexible Reserve Study
(x) Extrapolated
2.155% Inflation: 2021 IRP Update. Chapter 5. Pg. 55.

ROCKY MOUNTAIN POWER
AVOIDED COST CALCULATION

STANDARD RATES FOR AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES THAT QUALIFY FOR SCHEDULE NO. 37

UTAH – APRIL 2023

ROCKY MOUNTAIN POWER
AVOIDED COST CALCULATION

STANDARD RATES FOR AVOIDED COST PURCHASES FROM QUALIFYING FACILITIES THAT QUALIFY FOR SCHEDULE NO. 37

UTAH – APRIL 2023

OVERVIEW

Schedule 37 contains avoided cost prices to be paid to small qualifying facilities ("QF") and applies to QFs with a design capacity of 1 MW or less for qualifying cogeneration facilities and 3 MW or less for small power production facilities. Prices are available for a cumulative total of 25 MW. In compliance with the Commission's February 12, 2009, Order in Docket No. 08-035-78 on Net Metering Service, Schedule No. 37 avoided costs also establish the value or credit for net excess generation of large commercial customers under the Schedule No. 135 Net Metering Service.[1]

In compliance with the Commission's January 23, 2018 Order in Docket No. 17-035-T07 and 17-035-37, the Company provides avoided costs rates for Schedule 37 reflecting the Proxy/PDDRR methodology applicable under Schedule 38 and with only signed QFs included in the QF queue.

The proposed rates are based on Company's 2023.Q4 Avoided Cost Input Changes filing, made on March 28, 2023, with one routine update to incorporate the Company's March 31, 2023 Official Forward Price Curve.

Consistent with the Commission's January 23, 2018 Order in Docket No. 17-035-T07 and 17-035-37, during the portion of a QF's contract when its pricing is based on deferral of a renewable resource, the Company retains the QFs renewable energy credits (RECs) on behalf of ratepayers. When a QF's avoided capacity costs are not based on the costs of a renewable resource, the QF is entitled to the RECs associated with its output.

DESCRIPTION OF THE AVOIDED COST STUDY SUMMARY

"23-035-T06 RMP Appendix 1 - AC Study Summary 04-30-23" contains the summary of proposed avoided cost rates by QF type.

Table 1 presents the timing of deferrable resources as listed in the 2021 IRP Update Preferred Portfolio.

[1] Docket No. 08-035-78, February 12, 2009 Order, U.P.S.C 24 (2009).

The timing of the deficiency period for a baseload QF is determined based on the next deferrable thermal resource that has not already been displaced by signed contracts. **Table 2** shows the current queue of signed or terminated contracts after the 2021 IRP Update was prepared. A 10 MW baseload QF displaces FOTs for 2022-2030 and 10.7 MW of a Utah North non-emitting peaker resource in 2031.

The Schedule 37 methodology used in this filing reflects displacement of the next cost-effective deferrable wind resource in the 2021 IRP Update Preferred portfolio, which comes online in 2026 (as a proxy for year-end 2025) and is located in the Portland North Coast area, which is part of West Main in the GRID model.

Based on the current signed contracts, a 10 MW incremental wind QF partially displaces 4.6 MW of the next cost-effective deferrable 2026 Portland North Coast wind resource in the 2021 IRP Update preferred portfolio. The Company retains 100% of the RECs starting in 2026.

The deficiency period for a tracking solar QF is based on the next deferrable IRP solar resource that has not been already displaced by signed solar contracts. A 10 MW tracking solar QF displaces 1.7 MW of Borah solar with storage resource in 2026 along with associated transmission, specifically the Boardman-to-Hemingway project based on the 2021 IRP Update portfolio. As a result of deferring a renewable resource, the Company would retain 100% of the RECs starting in 2026.

The deficiency period for a fixed-tilt solar QF is based on the next deferrable IRP solar resource that has not been already displaced by signed solar contracts. A 10 MW fixed-tilt solar QF displaces 1.6 MW of Borah solar with storage resource in 2026 along with associated transmission, specifically the Boardman-to-Hemingway project based on the 2021 IRP Update portfolio. As a result of deferring a renewable resource, the Company would retain 100% of the RECs starting in 2026.

In its Order in Docket No. 09-035-T14, the Commission directed the Company "to label Table 1 with the applicable planning reserve margin assumption (e.g., 12 or 15 percent) in all subsequent filings of Schedule No. 37 rates." The 2021 IRP Update uses planning reserves to account for operating reserves, regulating reserves, load forecast errors and other planning uncertainties. As shown on Table 1, the 2021 IRP Update utilized a 13 percent planning reserve margin.[2]

Table 3 presents a comparison of the proposed avoided cost rates to the currently effective rates for each QF type. **Table 4** and **Table 5** summarize natural gas and electricity market price forecasts used in the calculation of proposed rates in this filing.

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[2] 2021 Integrated Resource Plan Update. Chapter 4: Load-and-Resource Balance Update. pg. 43 Available online at: https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2021_IRP_Update.pdf

DESCRIPTION OF AVOIDED COST STUDY WORKPAPERS

Baseload QF

The following supporting files contain calculations of avoided cost rates for Baseload QFs:

23-035-T06 RMP CONF Workpaper 1a - GRID AC Study Thermal 04-30-23.xlsx: contains results of the GRID runs for the Base Case and the Avoided Cost Case for 2023-2032

23-035-T06 RMP CONF Workpaper 1b - GRID AC Study Thermal 04-30-23.xlsx: contains results of the GRID runs for the Base Case and the Avoided Cost Case for 2033-2040

23-035-T06 RMP Wkpr - Avoided Cost Study-Thermal 04-30-23.xlsx:

Table 1: summarizes the annual avoided energy costs based on GRID runs and shows the calculation of the annual avoided capacity costs. During the deficiency period, Baseload QF pricing reflects avoided fixed costs of 10.7 MW of Utah North non-emitting peaker resource in 2031.
Table 2: summarizes monthly avoided energy costs based on the GRID runs
Table 3: shows the total resource cost information for each the planned new resources in 2021 IRP Update preferred portfolio. Total resource cost information included capital costs, and fixed and variable Operation and Maintenance (O&M) expenses, and tax credits if applicable.
Table 4: summarizes annual natural gas price forecasts for East and West side locations
Table 5: shows the monthly calculation of avoided capacity costs and avoided energy costs. Total unit avoided costs ($/MWh) are calculated by summing the avoided energy cost dollars (based on GRID runs) and the avoided capacity cost dollars (based deferred resource fixed costs) and dividing by the generation of the QF.

23-035-T06 RMP Wkpr - QF Pricing Detail-Thermal 04-30-23.xlsx: contains the calculations of the monthly on-peak (HLH) and off-peak (LLH) avoided cost rates by spreading total monthly avoided cost dollars (both energy and capacity) based on projected Palo Verde ("PV") HLH and LLH market prices.

Wind QF

The following supporting files contain calculations of avoided cost rates for Wind QFs:

23-035-T06 RMP CONF Workpaper 1a - GRID AC Study Wind 04-30-23.xlsx: contains results of the GRID runs for the Base Case and the Avoided Cost Case for 2023-2032.

23-035-T06 RMP CONF Workpaper 1b - GRID AC Study Wind 04-30-23.xlsx: contains results of the GRID runs for the Base Case and the Avoided Cost Case for 2033-2040

23-035-T06 RMP Wkpr - Avoided Cost Study-Wind 04-30-23.xlsx:
Table 1: summarizes the annual avoided energy costs based on GRID runs and shows the calculation of the annual avoided capacity costs. During the deficiency period, wind QF pricing reflects avoided fixed costs of 2026 Portland North Coast wind resource from the 2021 IRP Update preferred portfolio. PacifiCorp retains the RECs generated starting in 2026.
Table 2: summarizes monthly avoided energy costs based on the GRID runs
Table 3: shows the total resource cost information for each the planned new resources in 2021 IRP Update preferred portfolio. Total resource cost information included capital costs, and fixed and variable Operation and Maintenance (O&M) expenses, and tax credits if applicable.
Table 4: summarizes annual natural gas price forecasts for East and West side locations
Table 5: shows the monthly calculation of avoided capacity costs and avoided energy costs. Total unit avoided costs ($/MWh) are calculated by summing the avoided energy cost dollars (based on GRID runs) and the avoided capacity cost dollars (based deferred resource fixed costs) and dividing by the generation of the QF.

23-035-T06 RMP Wkpr - QF Pricing Detail-Wind 04-30-23.xlsx: contains the calculations of the monthly on-peak (HLH) and off-peak (LLH) avoided cost rates for a Wind QF by spreading total monthly avoided cost dollars (both energy and capacity) based on projected Palo Verde ("PV") HLH and LLH market prices.

Tracking Solar QF
The following supporting files contain calculations of avoided cost rates for Tracking Solar QFs:

23-035-T06 RMP CONF Workpaper 1a - GRID AC Study Solar T 04-30-23.xlsx: contains results of the GRID runs for the Base Case and the Avoided Cost Case for 2023-2032

23-035-T06 RMP CONF Workpaper 1b - GRID AC Study Solar T 04-30-23.xlsx: contains results of the GRID runs for the Base Case and the Avoided Cost Case for 2033-2040

23-035-T06 RMP Wkpr - Avoided Cost Study-Solar T 04-30-23.xlsx:
Table 1: summarizes the annual avoided energy costs based on GRID runs and shows the calculation of the annual avoided capacity costs. During the deficiency period, solar QF pricing reflects avoided fixed costs of 2026 Borah solar with storage resource along with associated transmission, specifically the Boardman-to-Hemingway project based on the 2021 IRP Update portfolio. PacifiCorp retains the RECs generated starting in 2026.

Table 2: summarizes monthly avoided energy costs based on the GRID runs
Table 3: shows the total resource cost information for each planned new resources in the 2021 IRP Update preferred portfolio. Total resource cost information included capital costs, and fixed and variable Operation and Maintenance (O&M) expenses, and tax credits if applicable.
Table 4: summarizes annual natural gas price forecasts for East and West side locations
Table 5: shows the monthly calculation of avoided capacity costs and avoided energy costs. Total unit avoided costs ($/MWh) are calculated by summing the avoided energy cost dollars (based on GRID runs) and the avoided capacity cost dollars (based deferred resource fixed costs) and dividing by the generation of the QF.

23-035-T06 RMP Wkpr - QF Pricing Detail-Solar T 04-30-23.xlsx: contains the calculations of the monthly on-peak (HLH) and off-peak (LLH) avoided cost rates for a tracking Solar QF by spreading total monthly avoided cost dollars (both energy and capacity) based on projected Palo Verde ("PV") HLH and LLH market prices.

Fixed-Tilt Solar QF
The following supporting files contain calculations of avoided cost rates for Fixed-Tilt Solar QFs:

23-035-T06 RMP CONF Workpaper 1a - GRID AC Study Solar F 04-30-23.xlsx: contains results of the GRID runs for the Base Case and the Avoided Cost Case for 2023-2032

23-035-T06 RMP CONF Workpaper 1b - GRID AC Study Solar F 04-30-23.xlsx: contains results of the GRID runs for the Base Case and the Avoided Cost Case for 2033-2040

23-035-T06 RMP Wkpr - Avoided Cost Study-Solar F 04-30-23.xlsx:
Table 1: summarizes the annual avoided energy costs based on GRID runs and shows the calculation of the annual avoided capacity costs. During the deficiency period, solar QF pricing reflects avoided fixed costs of the 2026 Borah solar with storage resource along with associated transmission, specifically the Boardman-to-Hemingway project based on the 2021 IRP Update portfolio. PacifiCorp retains the RECs generated starting in 2026.
Table 2: summarizes monthly avoided energy costs based on the GRID runs
Table 3: shows the total resource cost information for each the planned new resources in 2021 IRP Update preferred portfolio. Total resource cost information included capital costs, and fixed and variable Operation and Maintenance (O&M) expenses, and tax credits if applicable.
Table 4: summarizes annual natural gas price forecasts for East and West side locations
Table 5: shows the monthly calculation of avoided capacity costs and avoided energy costs. Total unit avoided costs ($/MWh) are calculated by summing the avoided energy cost dollars (based on GRID runs) and the avoided capacity cost dollars (based deferred resource fixed costs) and dividing by the generation of the QF.

23-035-T06 RMP Wkpr - QF Pricing Detail-Solar F 04-30-23.xlsx: contains the calculations of the monthly on-peak ("HLH") and off-peak ("LLH") avoided cost rates for a fixed-tilt solar QF by spreading total monthly avoided cost dollars (both energy and capacity) based on projected Palo Verde ("PV") HLH and LLH market prices.