



COLORADO SPRINGS UTILITIES
COMPLIANCE WITH FEDERAL ENERGY REGULATORY COMMISSION'S
REGULATIONS ORDER 69, 18 CFR PART 292.302

Avoided Cost Purchases From Qualifying Facilities
2017-2022

Pursuant to section 202.302 of the Rules and Regulations of the Federal Energy Regulatory Commission (FERC), this document makes available to potential cogenerators and small power producers (Qualifying Facilities, or QFs under the Public Utility Regulatory Policies Act of 1978 (PURPA), 16 U.S.C. 796 and 824a-3) present and anticipated future avoided cost data of electric energy and capacity for the Colorado Springs Utilities. This data is intended to help potential owners of QFs evaluate the financial feasibility of a cogeneration or small power production project. This data is not intended to represent a rate for purchases from QFs but rather the first step in such a rate determination. The final prices paid to QFs will also consider those factors enumerated in Section 292.304 of the regulations.

The following tables contain that information required by the regulations, Section 292.302.

PURPA AVOIDED ENERGY COST
 Section 292.302 (b) (1)

Winter and Summer Energy Prices for On-Peak and Off-Peak hours - ¢/kWh				
Year	Summer		Winter	
	Off-Peak	On-Peak	Off-Peak	On-Peak
2017	2.4	2.2	2.8	2.5
2018	2.1	2.3	2.8	2.6
2019	2.7	2.1	2.6	2.3
2020	2.9	2.6	3.4	3.5
2021	3.0	2.8	2.5	2.4
2022	3.7	3.5	3.1	2.7

On-Peak Periods:

Winter (October through March): 4:00 p.m. to 10:00 p.m.

Summer (April through September): 11:00 a.m. to 6:00 p.m.

On-Peak periods are Monday through Friday, excluding the holidays as defined below.

Off-Peak Periods: All other hours plus the following holidays observed by Utilities (the 24-hour calendar day period): 1) New Year's Day, 2) Memorial Day, 3) Independence Day, 4) Labor Day, 5) Thanksgiving Day, and 6) Christmas Day.

CAPACITY ADDITIONS

292.302 (b) (2)

Load and Resource Projection - Summer (MW)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Net Dependable Existing Generating Capacity ¹	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113
Firm Demand ²	905	903	902	901	900	900	902	904	905	908	911
18% Required Reserve Margin ³	151	150	150	150	150	150	150	150	150	151	152
Capacity Surplus/(Deficit)	58	60	61	63	64	64	62	59	58	54	48
Planned Firm Resources from 2016 EIRP	0	0	0	0	0	0	0	0	0	0	0
Planned Energy Resources from 2016 EIRP ⁴	0	0	Solar - 30	Solar - 40	0	0	0	0	Biogas - 2	0	0

- 1 Single-axis tracking solar arrays and fixed arrays are credited with 58% and 46% of nameplate capacity, respectively. Includes Drake 5 decommissioned capacity and under-construction Clear Spring Ranch 10 MW tracking solar array in 2017.
- 2 Includes energy efficiency demand-side management and naturally occurring savings through codes and standards. Also includes 1.9 MW of demand reduction in 2027 as identified in the EIRP. CVR is also identified in 2027 in the EIRP and is being implemented over time as a demand-side management program to achieve the full reduction by 2027 at the latest.
- 3 Reserve margin is not required for 69 MW of Western Area Power Administration firm summer capacity.
- 4 The EIRP specified 40 MW of solar in 2019, however the first 10 MW are being constructed in 2016 at Clear Spring Ranch. These energy resources are non-dispatchable, subject to fuel/sun availability and were specified for Colorado Springs Utilities' internal renewable energy goals, not a firm capacity need.

EIRP: Electric Integrated Resource Plan

292.302 (b) (3)

No firm capacity or purchases are planned for the current or succeeding 10 years.