Utah Electric Utility Energy Efficiency Programs

Updated August 2025

History

- PacifiCorp, doing business in Utah as Rocky Mountain Power (RMP), is Utah's sole investor-owned electric utility providing about 78% of the electricity consumed in the state. In 2025, RMP offered 13 energy efficiency and other demand-side management (DSM) programs to its residential, commercial, and industrial customers.
- Several dockets before Utah Public Service Commission (PSC) during 1980-90 established policies pertaining to utility DSM programs. The PSC established the Integrated Resource Plan (IRP) requirements for PacifiCorp in 1992. The IRP is the primary driver of DSM program savings goals.
- In 2002, the Utah Legislature enacted a law allowing for an energy efficiency tariff rider as well as an industrial self-direction bill credits program. In 2003 the PSC approved a DSM tariff rider (Schedule 191) to enable RMP to recover the costs for its approved DSM programs in a timely manner. As of 2025 the DSM tariff rider was equal to 3.54% of customer bills.
- In 2009, a Joint Resolution on Cost-Effective Energy Efficiency and Utility Demand-side Management (H.J.R. 9) was adopted by the Utah Legislature. H.J.R. 9 urged utilities to promote all available cost-effective energy efficiency and conservation, set voluntary energy savings goals for Rocky Mountain Power and Questar Gas Company, and endorsed supportive regulatory mechanisms such as decoupling.
- In 2009, the rules for Utah's DSM programs were revised. The PSC adopted the Utility Cost Test (UCT) as the primary cost effectiveness test for DSM programs in Utah.
- In 2012, RMP formed a DSM Steering Committee comprised of representatives from PSC staff, the state's consumer advocate, energy consumers, and energy efficiency advocates. The Committee provides feedback to RMP on DSM program design and policy issues.

Impacts of Energy Efficiency Programs

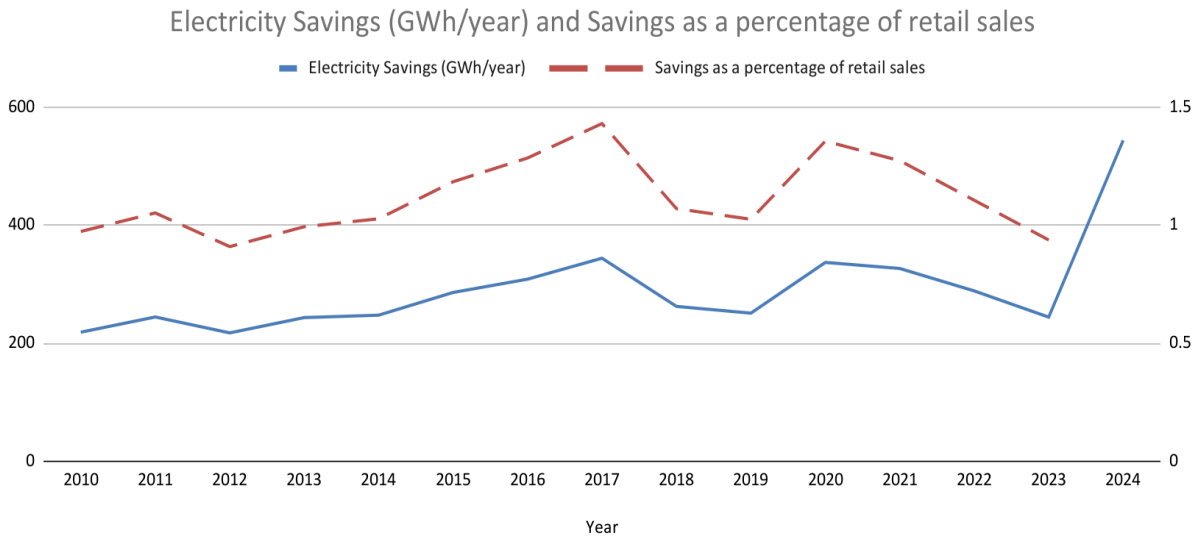
- In 2024, RMP ran a combined **9 residential and commercial DSM Programs of which 6 included measures related to building envelope efficiency and/or efficient HVAC equipment and controls.** (Other DSM programs were related to Irrigation, Batteries and EVs) Combined, the utility spent $85.1 million on these Programs in 2024 while capturing nearly $142 million in net benefits.
- RMP invested a total of $558 million in DSM programs during the 10-year period from 2010-19 ($55.8 million/year average). During the 5-year period from 2020-2024 this increased to an average of $71.4 million/year.

- RMP's customers saved over 4.4 billion kWh of electricity due to programs and measures implemented from 2010-24. This amount of savings is equal to more than 16% of total electricity consumption of all RMP customers in 2023. It is also equivalent to the annual electricity use of over 487,000 typical households served by RMP.

- RMP avoided about 2.66 million metric tons of CO_2 emissions due to energy efficiency programs implemented from 2010-24. The reduction in CO_2 emissions is equivalent to taking about 620,000 passenger vehicles off the road for one year.

- RMP's DSM programs are very cost effective. In 2024, the UTC benefit-cost ratio for all of the company's DSM programs was 2.67, meaning that for every $1 of ratepayer funds invested in DSM programs, the utility and ratepayers saved $2.67. RMP and its customers saved approximately $1.79 billion net as a result of DSM programs implemented during 2010-24.

- Utility energy efficiency programs increase employment through the production, sales and installation of energy-efficient products and services. Data from the 2024 Energy Efficiency Jobs in America report estimates there are over 32,800 jobs in Utah related to energy efficiency.



Program Results for RMP's DSM Programs 2010-2019

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total or (Avg)
DSM Program Expenditures (million $)	49.4	45.1	47.1	55.2	81.6	61.2	60.4	55.8	49.1	53.3	**558**
Peak Reduction (MW)	159	166	138	116	124	106	116	121	237	254	**(154)**
Electricity savings (GWh/year)	219	244	218	243	248	286	308	344	262	272	**2,644**
CO2 emission reduction (thousand metric tons/year)	139	169	150	168	176	201	217	241	185	191	**1,837**
Savings as percentage of retail sales	0.97	1.05	0.91	0.99	1.03	1.18	1.28	1.43	1.07	1.11	**(1.10)**
Portfolio cost-effectiveness	1.82	2.17	2.16	2.05	2.16	1.53	1.98	2.23	2.39	2.11	**(2.06)**
Net economic benefits (million $) UCT	91	128	134	141	140	62	116	140	150	132	**1,288**

Notes: Peak reduction values from load management programs only; CO2 emissions reductions assume electricity savings avoid electricity generation by coal-fired and gas-fired power plants in equal amounts.

Program Results for RMP's DSM Programs 2020-2024

Year	2020	2021	2022	2023	2024	Total or (Avg)
DSM Program Expenditures (million $)	64.1	62.1	68.4	77.6	85.1	**357**
Peak Reduction (MW)	219.0	272.0	289.0	319.0	361.0	**(292)**
Electricity Savings (GWh/year)	336.9	326.6	288.6	244.2	543.6	**1,740**
CO2 emission reduction (thousand metric tons/year)	238	231	198	157	TBD	**824**
Savings as a percentage of retail sales	1.36	1.27	1.11	0.94	TBD	**(1.17)**
Portfolio cost-effectiveness	2.19	2.7	1.95	1.83	2.67	**(2.17)**
Net economic benefits (million $) UCT	154.2	214.7	64.9	64.5	141.9	**498**

Notes: Peak reduction values from all DSM programs ; CO2 emissions reductions assumes eGrid emissions factors for the state of Utah. TBD values are a result of lagging EPA data for retail sales and eGrid factors.

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