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System year 1 is 2025

Direct Load Control of Water Heaters using Switch technology

Reduce peak demand and energy usage through the installation of load control devices on electric water heaters .

| Source Based on M&V data for the program. | | |
|---|--|--|
| Life of program. Program models all devices in the field. The participation represents the load that is available to the program each year,. Switch counts decline in some years. | | |
| 5 percent per EKPC financial data; 3.5 % societal test from Mercatus Center report Avoided costs of a RICE unit. Updated escalators to match. Allocation is 73% winter 27% summer. Summer values based on PJM capacity performance market December 2023 with IHS Markit forecast, start year is 2024. based on December 26, 2023 ACES Forward prices for AEP_Dayton hub. \$45.96 /MWh in | | |
| 2025. DSMore Scenario 9, 0.53 esc in 2025 Network rate, 2023-24. 2.8 % escalation rate based on 10 yr PPI Applied to winter coincident peak. Basd on marginal cost of distribution. 2.8 % escalation rate based on 10 yr PPI Applied to winter coincident peak. all program costs are borne by EKPC | | |
| none for this program | | |
| Fix admin cost is AC switch share of UPA costs | | |
| No administrative costs incurred by member cooperatives | | |
| Current rates in effect as of January 2024 includes Environmental Surcharge and FAC | | |
| Current rates in effect as of January 2024. includes Environmental Surcharge and FAC | | |
| Based on access by communicating technology | | |
| Based on tariff. Based on tariff. | | |
| | | |