



Battery Demand Response Pilot

Richard Génécé

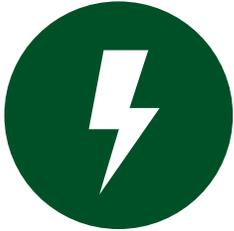
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Demand Response Accomplishments



2025: Record Year

- ~57MW cumulative curtailment
- Effective deployment strategy: June – September



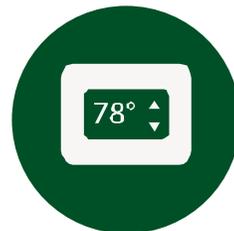
2025: Expansion

- Enrolled all 195 eligible City facilities in Commercial Demand Response
- General Motors joined Austin Energy Power PartnerSM EV Program – customers earn bill credits by helping with grid demand



2026: Winter Demand Response Test Success

- Validate participant capacity and operational readiness
- Develop winter Demand Response capacity forecasting

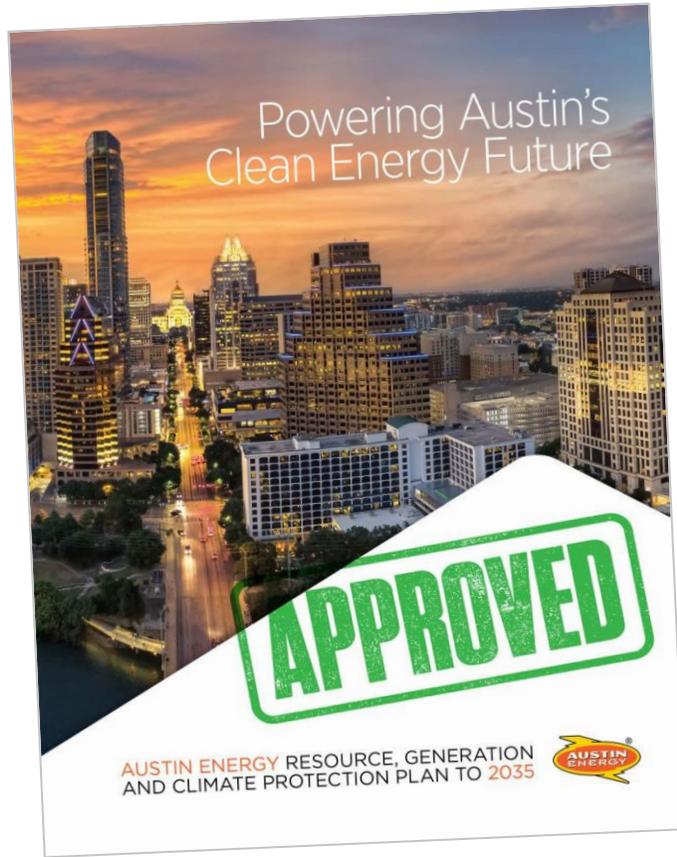


2026: Power Partner Thermostat Updates

- New Power Partner Thermostat incentives launched Feb. 1
- Customers can now earn \$155 in their first year



Resource Generation Plan



Prioritize Customer Energy Solutions



Further Our Culture of Innovation



Virtual Power Plant (VPP)

Austin Energy's Current VPP Capabilities

- Smart thermostats
- Water heaters
- Building systems
- Electric vehicles and charging stations

What's Next: Residential Battery Integration

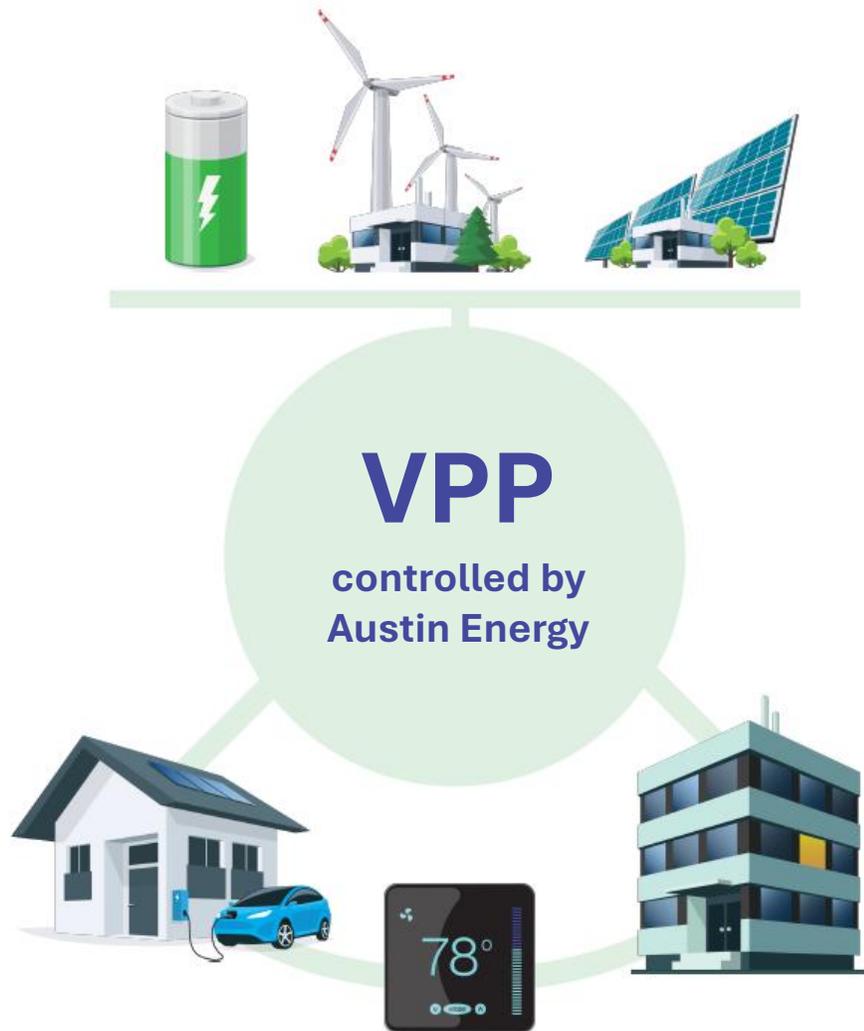
- Residential batteries added to the VPP
- Customers incentivized to install new battery systems
- Performance-based payments for demand response

How It Works

- Remote control of battery discharge
- Telemetry data collected:
 - Battery state of charge
 - Battery performance (e.g., discharge levels)

Customer Benefits

- Support grid reliability and clean energy
- Earn incentives while staying powered



Battery Demand Response Pilot

Launching in FY2026

Customer Offering

- \$500 upfront incentive per customer's battery system (applies to new battery installs only with a cap of 1500 battery systems in FY26)
- \$75 / kW annual demand response incentive per customer's battery system (based on average kW reduction over the season)

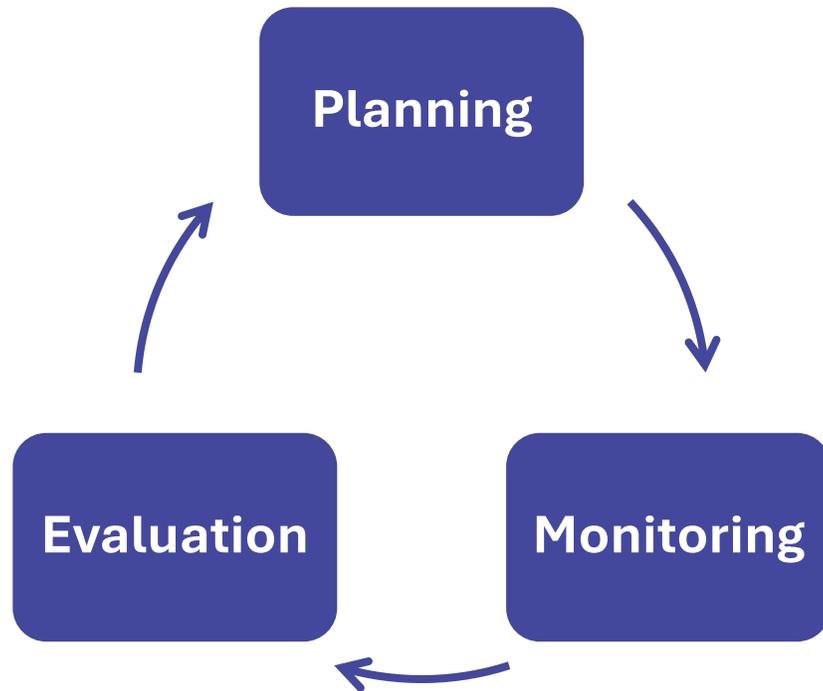
Eligible Battery Manufacturers

- The pilot will support the following battery systems:
 - Tesla
 - FranklinWH
 - SolarEdge
 - Enphase
- Additional manufacturers will be added as the program expands



EM&V Consultant + Pilot Data

Evaluation, Measurement and Verification (EM&V) consultant began in Fall 2025



✓ Independent Expertise

Engaging an Evaluation, Measurement, and Verification (EM&V) consultant provides objective, third-party analysis of pilot performance

✓ Accurate Cost-Effectiveness Assessment

The consultant will help quantify actual energy savings and pilot impacts, enabling precise cost-benefit analysis

✓ Support Data

Our internal program data — such as participation rates, incentive levels, and energy outcomes — will be available to inform and strengthen the evaluation process

✓ Strategic Decision-Making

Reliable EM&V results, backed by our data, guide resource allocation, program design, and continuous improvement



**Customer
Driven.**

**Community
Focused.**

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