Austin Energy Resource, Generation and Climate Protection Plan to 2035

Semi-Annual Update

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Today's Topics

Progress to
Key Metrics

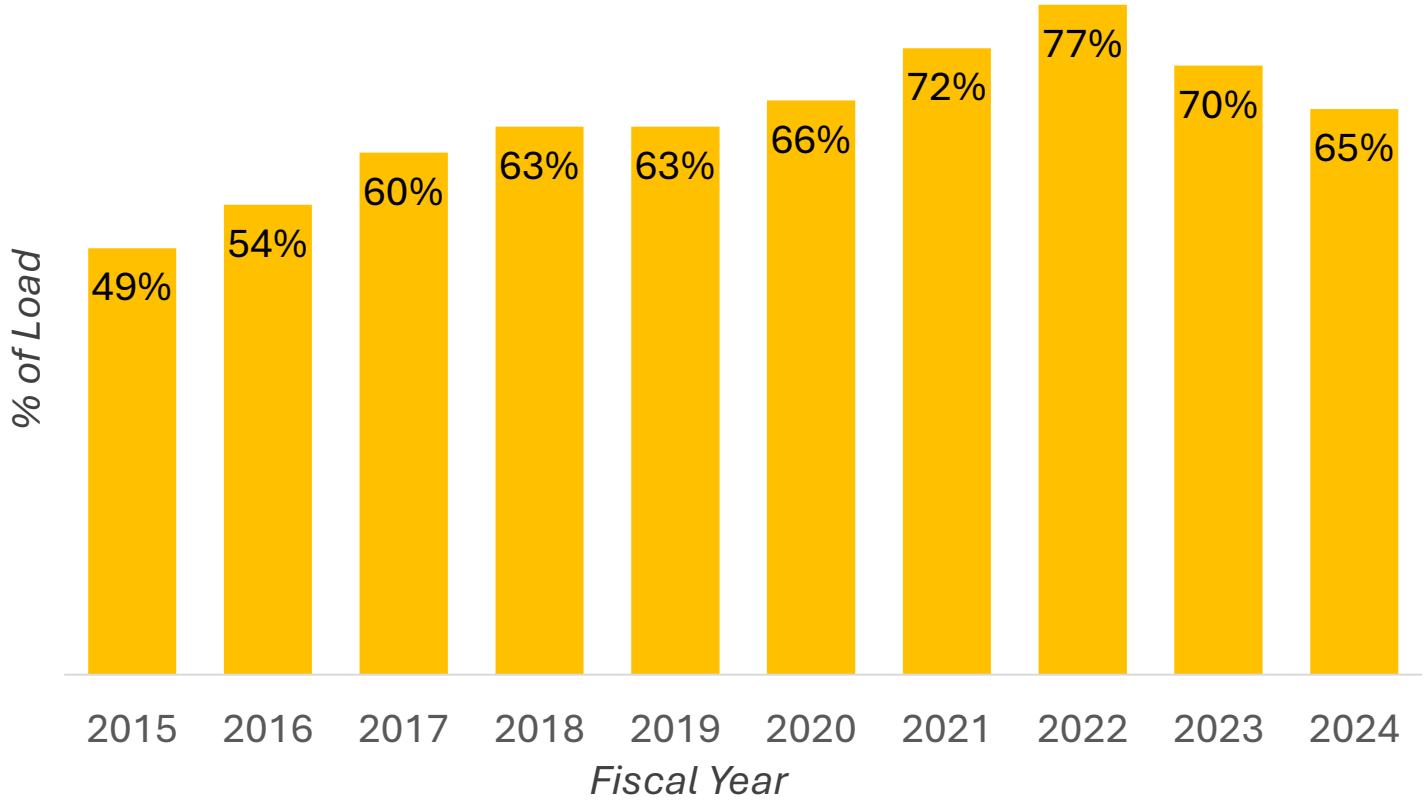
Implementation
Project Highlights

Key Metric Reporting

- Progress to 2035 Carbon-Free Goal
- Progress to Energy Efficiency, Demand Response, Local Solar, and Local Storage Goals
- Stack Emissions and Carbon Intensity

Progress to Carbon-Free Goal

100% Carbon-Free Generation as a Percentage of Load by 2035

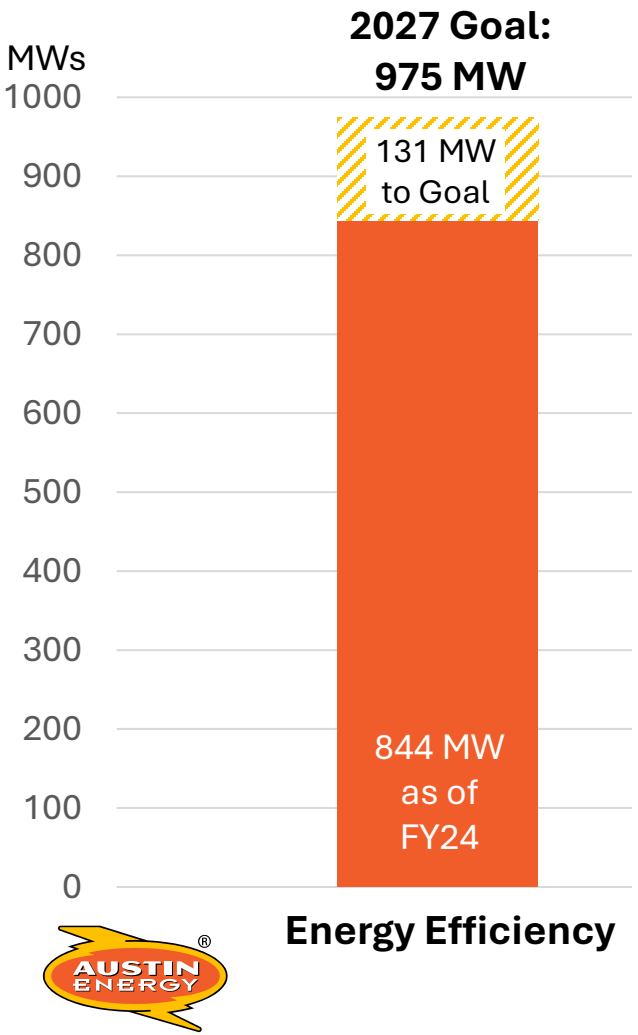


Reaching the 2035 Goal

- Local solar & batteries
- Import capacity increase
- Wind & solar additions
- Continue culture of innovation

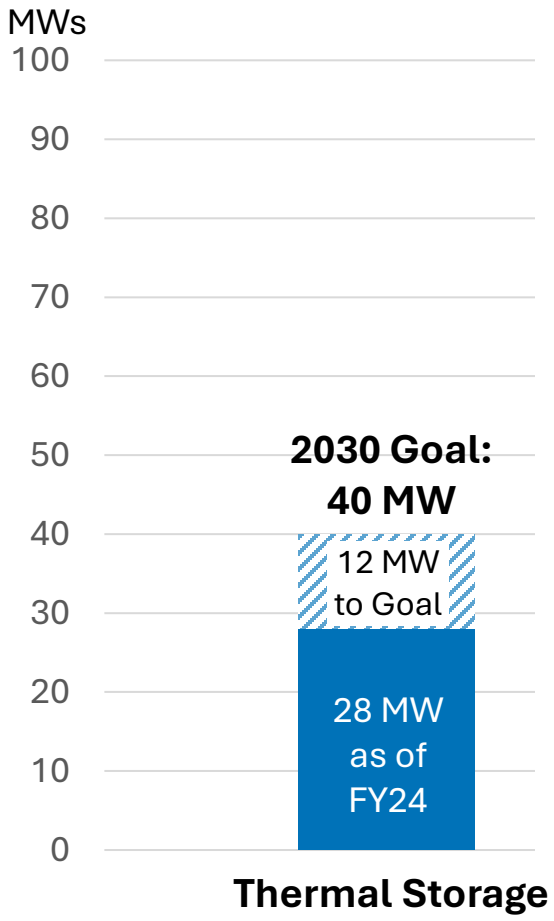
Progress to Energy Efficiency Goals

Reaching the 2027 Energy Efficiency Goal



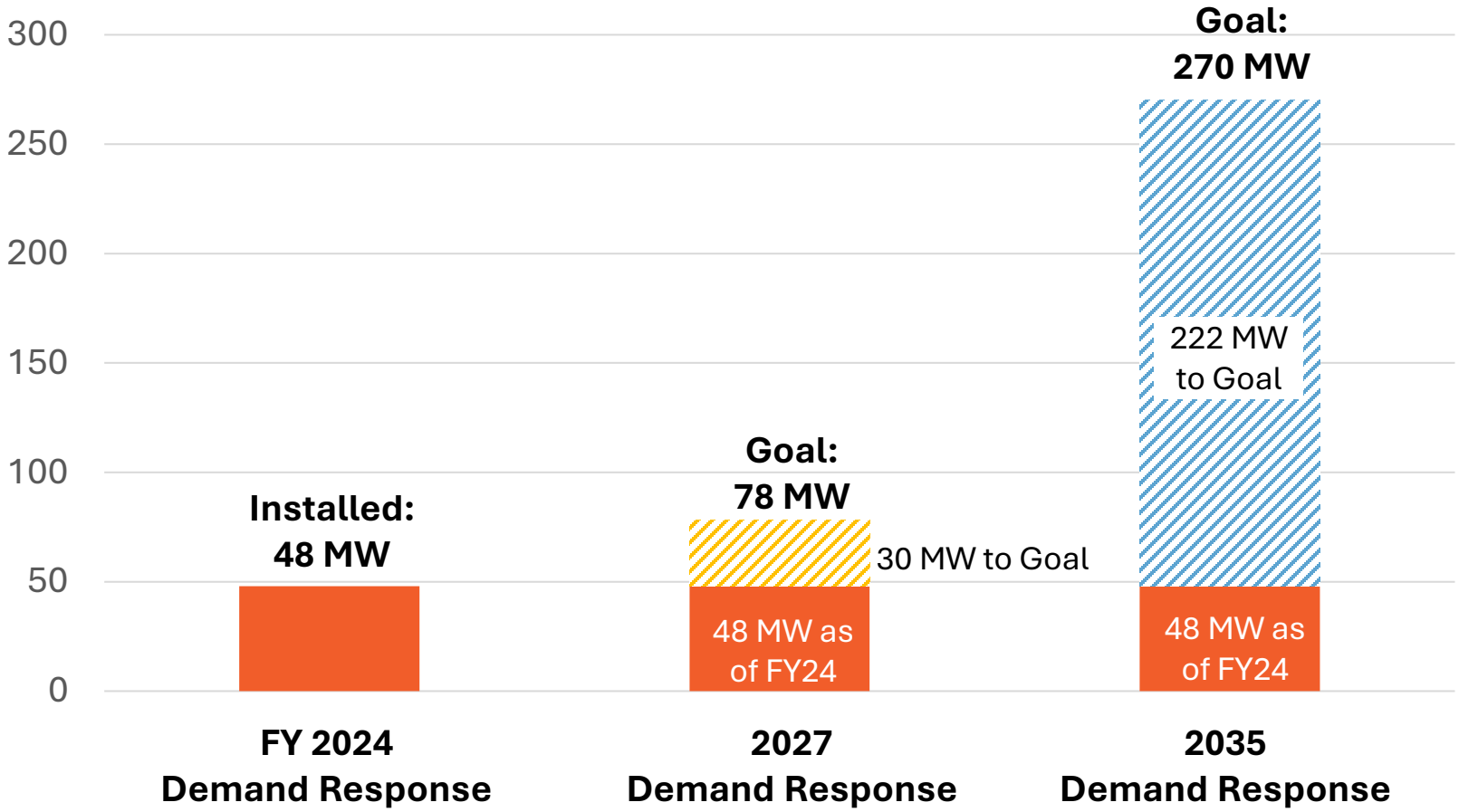
- Continue weatherization and other programs
- Acknowledge market potential challenges
- Shift to greenhouse gas avoidance measures

Reaching the 2030 Thermal Storage Goal



- Assess future options to maximize District Energy & Cooling output

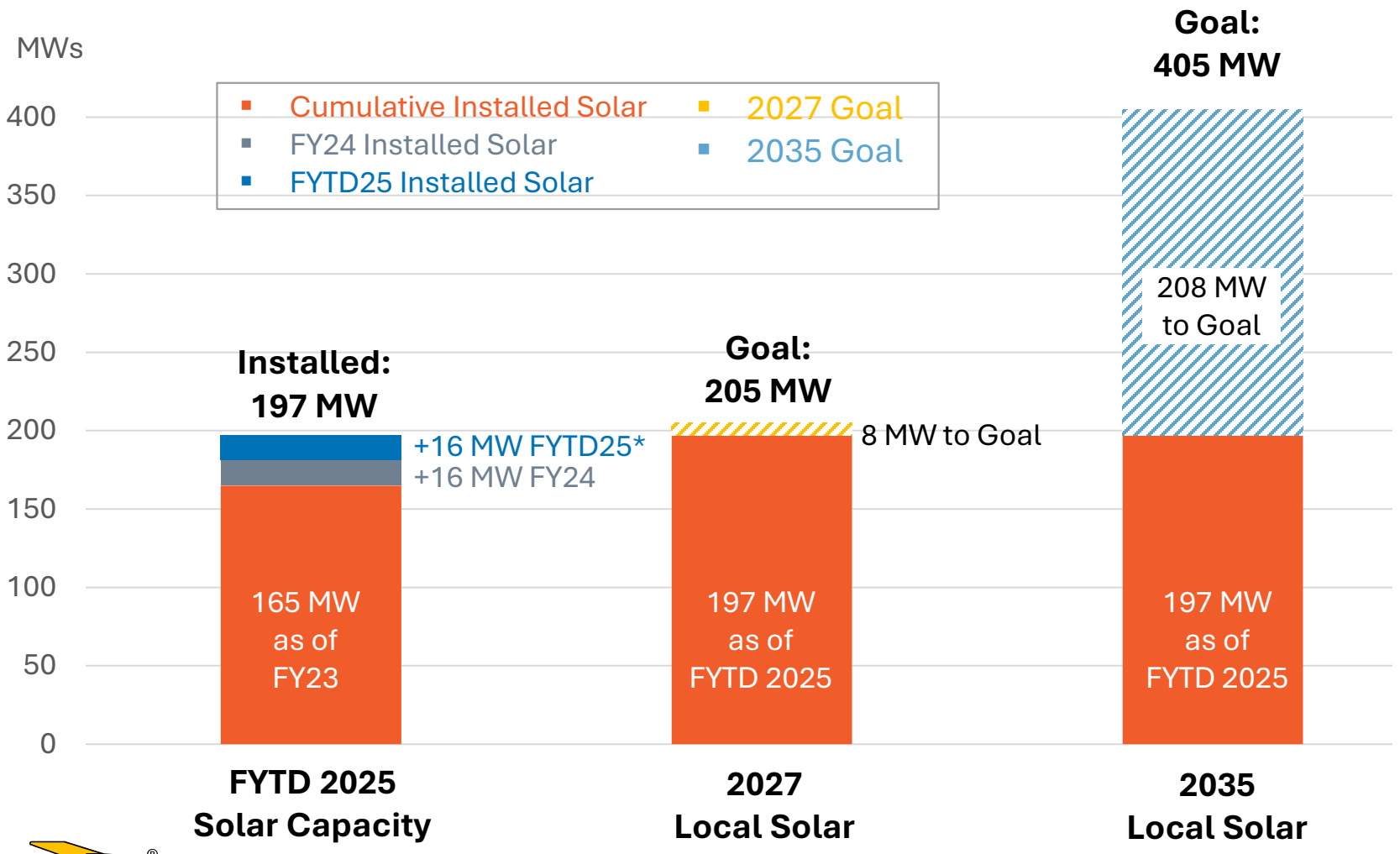
Progress to Demand Response Goals



Reaching the 2035 Goal

- Continue adding demand response capacity yearly
- Two new programs:
  - Customer-Sited Batteries
  - Managed Electric Vehicle Charging
- Continue culture of innovation

Progress to Local Solar Goals

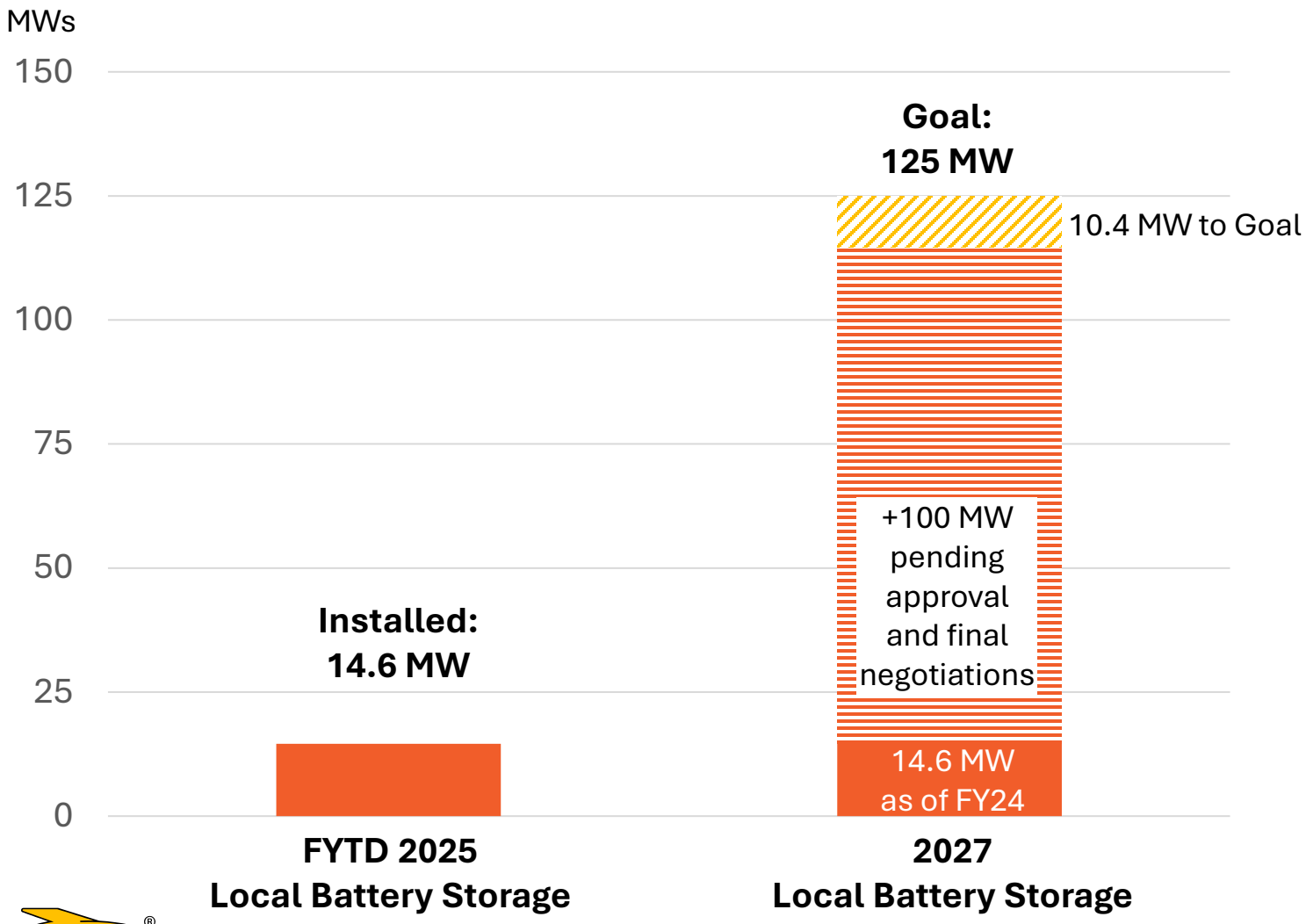


*as of 6/16/2025

Reaching the 2035 Goal

- Continue adding solar capacity yearly
- Two new programs:
  - Solar Standard Offer
  - Solar for All
- Continue culture of innovation

Progress to Local Battery Storage Goal

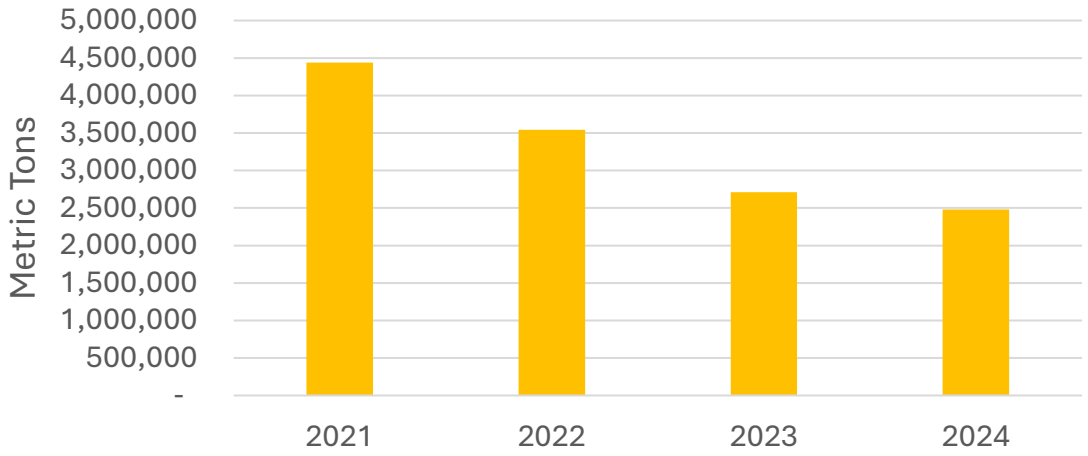


Reaching the 2027 Goal

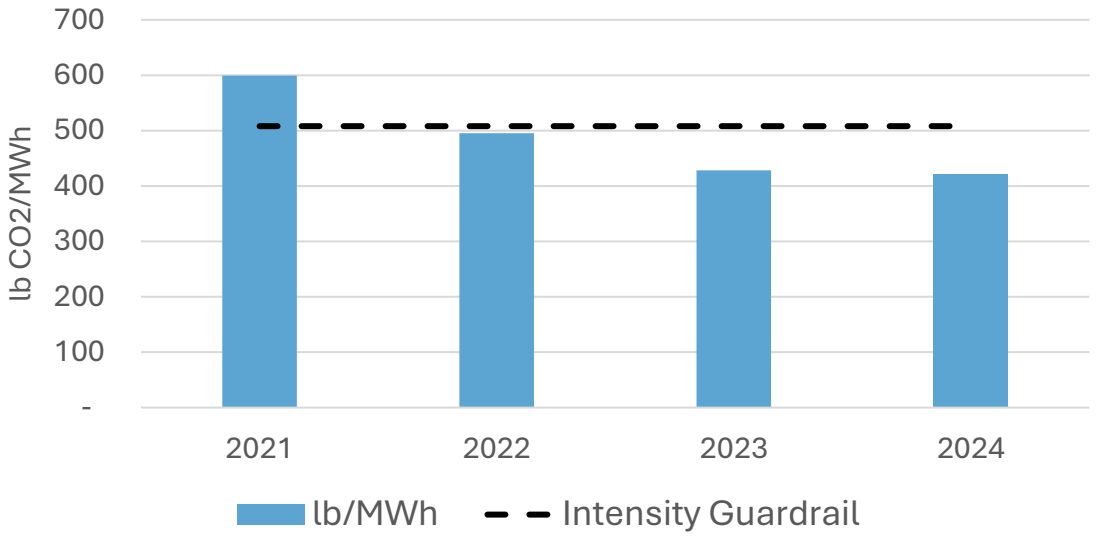
- Council approval
- Finalize negotiations and execute contract
- Seek additional opportunities

Stack Emissions and Carbon Intensity

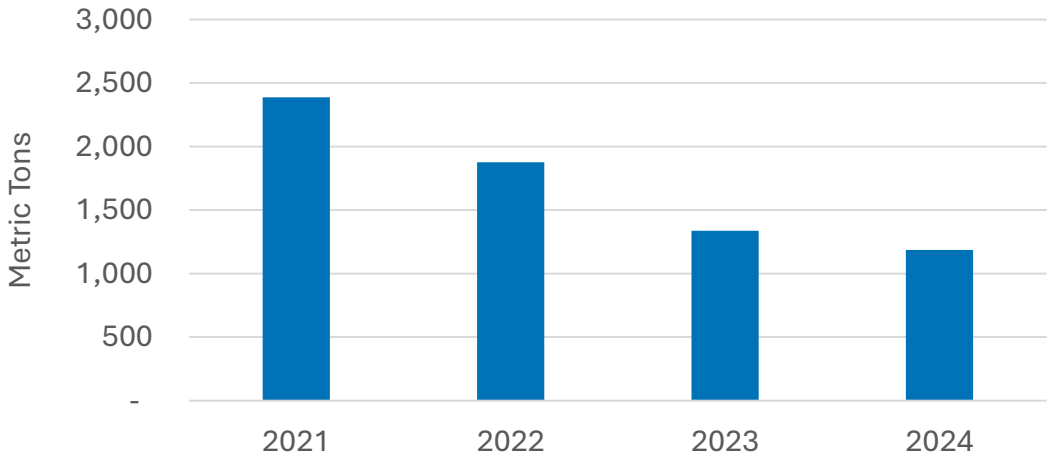
Carbon Dioxide Stack Emissions



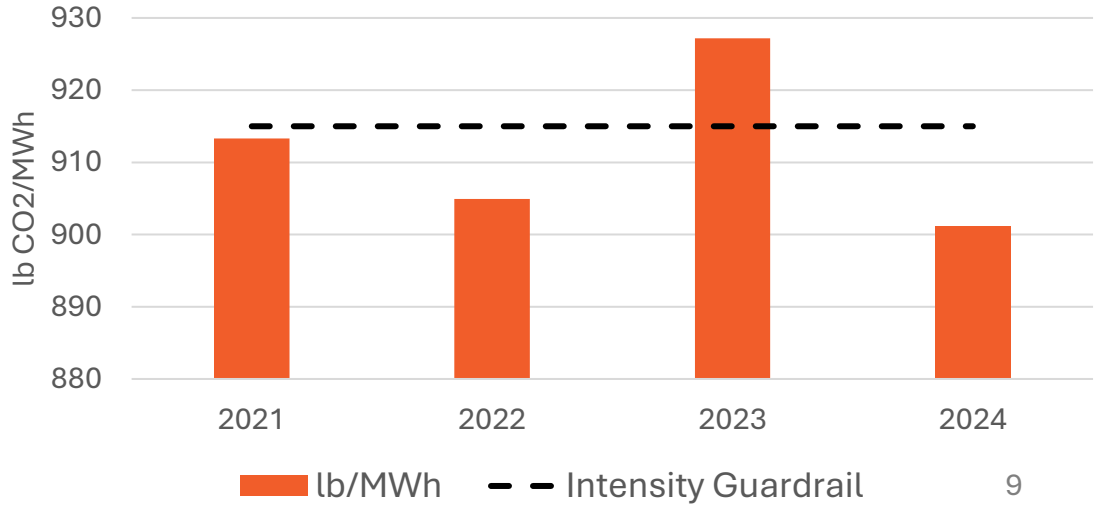
Carbon Dioxide Intensity – All Generation



Nitrogen Oxides Stack Emissions



Carbon Dioxide Intensity – Local Generation



Implementation Project Highlights

- 2024 International Energy Conservation Code Adopted
- DNV Energy Insights Report on Achievable MW Savings Finalized
- Battery Storage RFP Status
- Solar Standard Offer Status

2024 IECC

International Energy Conservation Code

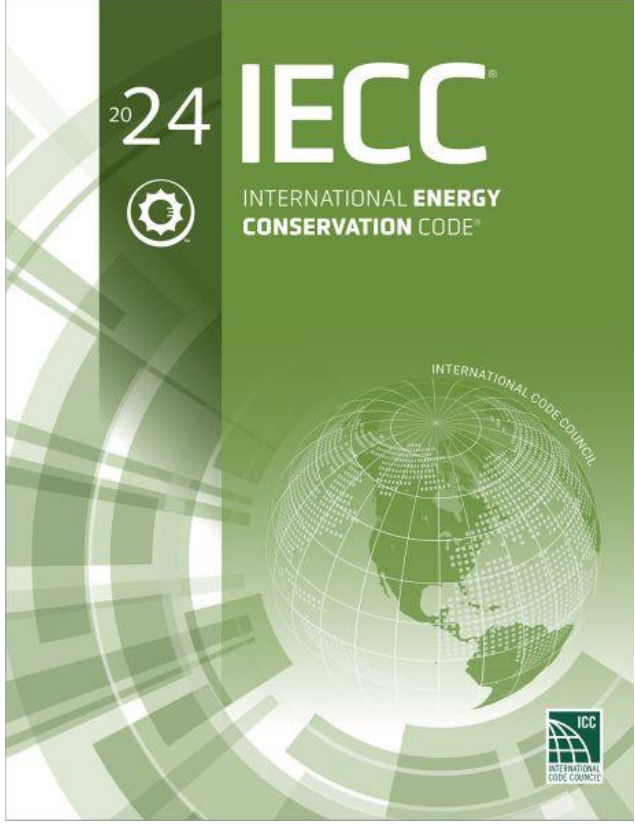
Adopted: April 2025 Effective: July 2025

Includes:

- Solar Readiness
- Electric Readiness
- EV Readiness

Energy Savings over 2021 COA Energy Code

- Commercial: **13.4%**
- Residential: **6.1%**

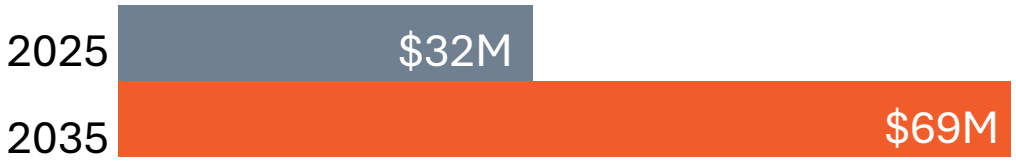


DNV Energy Insights Final Report

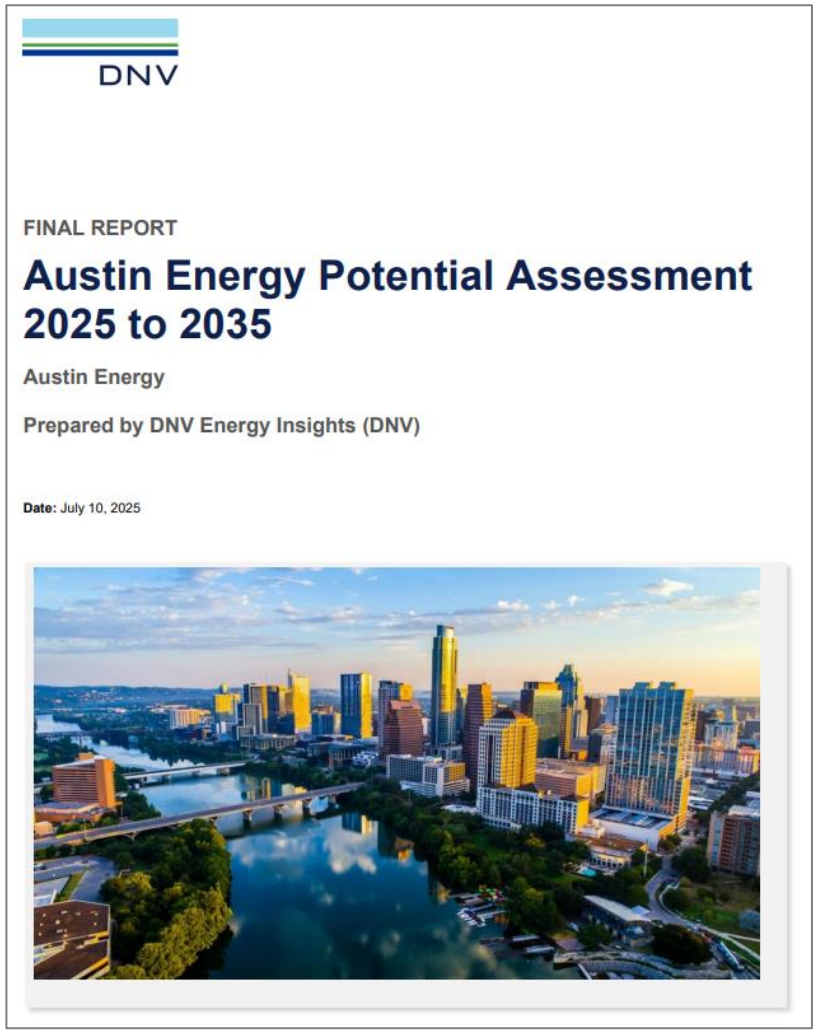
- Analyzes and reports achievable MW savings through 2035

347 MW	279 MW	237 MW
Energy Efficiency	Local Solar	Demand Response

- Estimates yearly program spending will need to more than double to meet achievable MW savings by 2035



- Sets the foundation for future shift to greenhouse gas avoidance goals



Report: Austin Energy Potential Assessment 2025 to 2035

Procuring Renewable Resources: Challenges and Uncertainties

The One Big Beautiful Bill Act eliminates Production Tax Credits & Investment Tax Credits for wind and solar beginning in 2028. To qualify for credits prior to elimination:

- Projects must start construction before July 4, 2026.
- The resource must begin service before Dec. 31, 2027.

Geopolitical tensions are impacting supply chain and costs for many components of renewable resources.

- Foreign Entity of Concern (FEOC) requirements come into effect for all projects that begin construction after December 31, 2025.

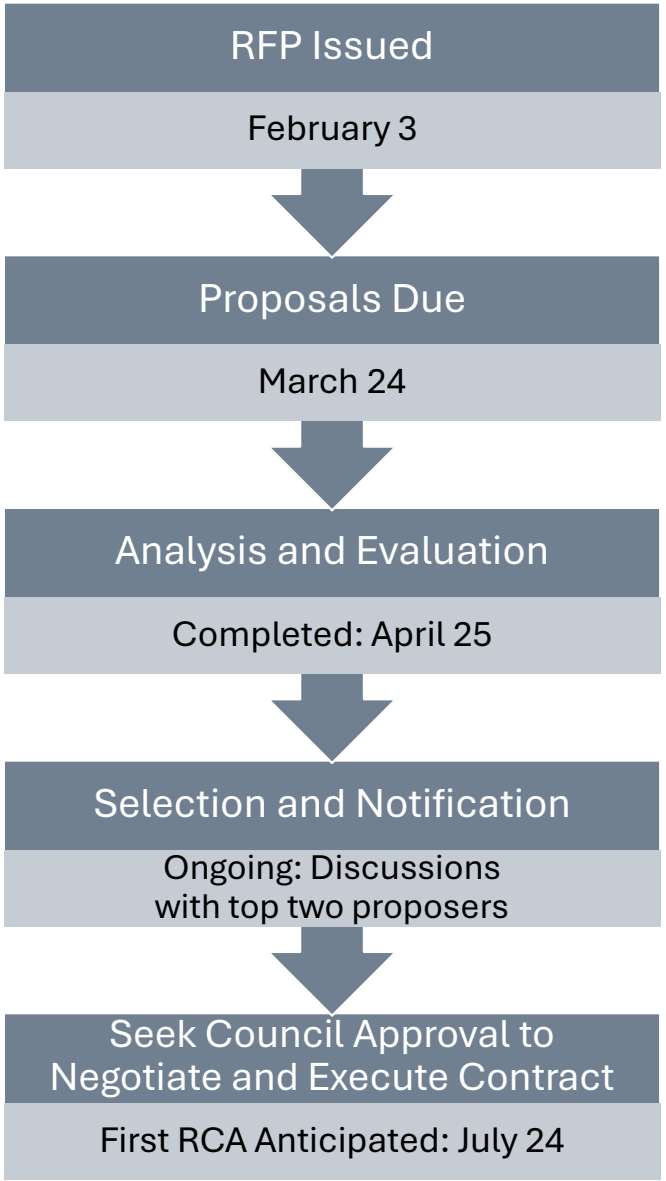
Potential Contracts for Battery Storage

Potential Battery Contract with Jupiter Power

- Up to 100 MW local battery storage
- Up to 4-hour duration
- Sited within Austin Energy service area but outside city limits *(pending ERCOT interconnection approval)*
- Expected commercial operation date: End of 2026

Second Potential Battery Contract

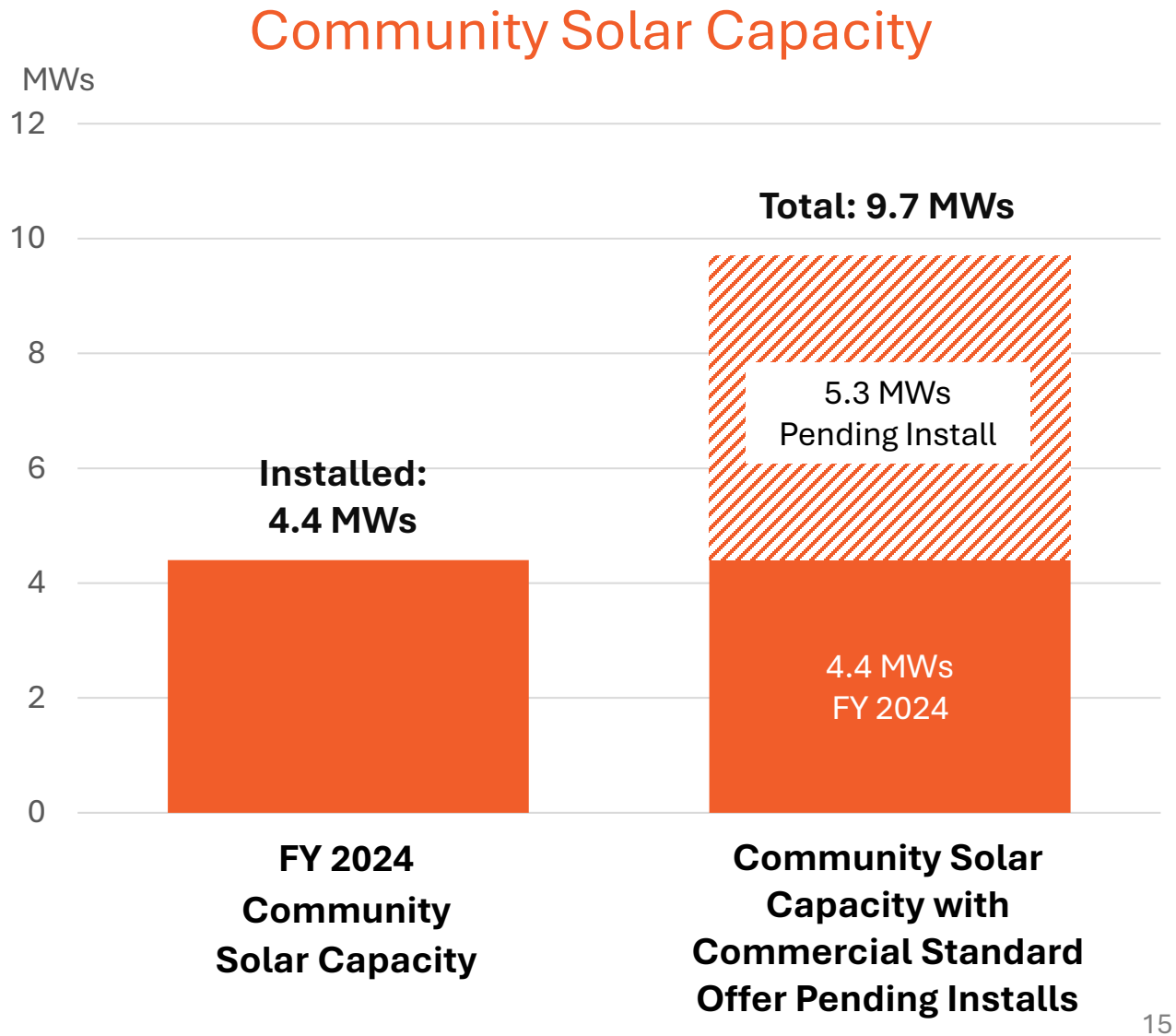
- Discussion ongoing



Solar Standard Offer Program

The Solar Standard Offer Program is an innovative initiative by Austin Energy to increase local solar adoption on commercial properties, increasing the capacity of the Community Solar Program.

This program allows property owners to lease roof or parking space to solar developers, creating new revenue streams without upfront capital investments.



Customer Driven. Community Focused.SM