

Next Steps for Austin Energy's Resource, Generation and Climate Protection Plan to 2035

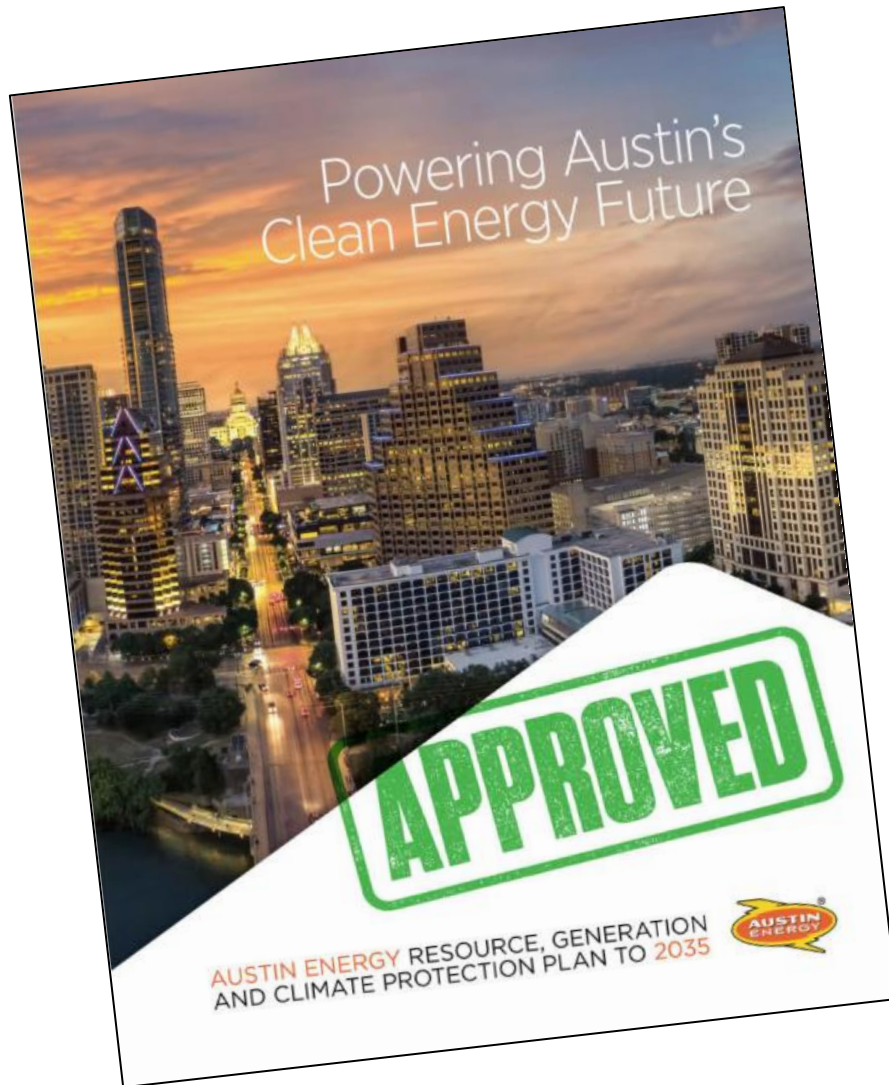
Lisa Martin

Deputy General Manager and Chief Operating Officer



January 28, 2025

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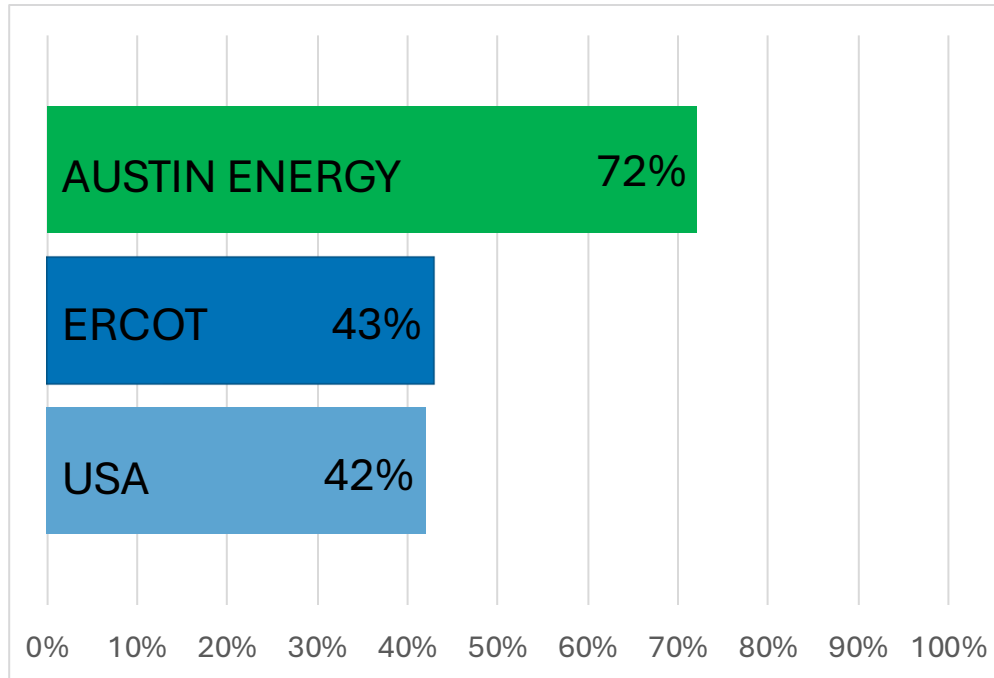
Austin Energy Resource, Generation and Climate Protection Plan to 2035

Approved
December 12, 2024

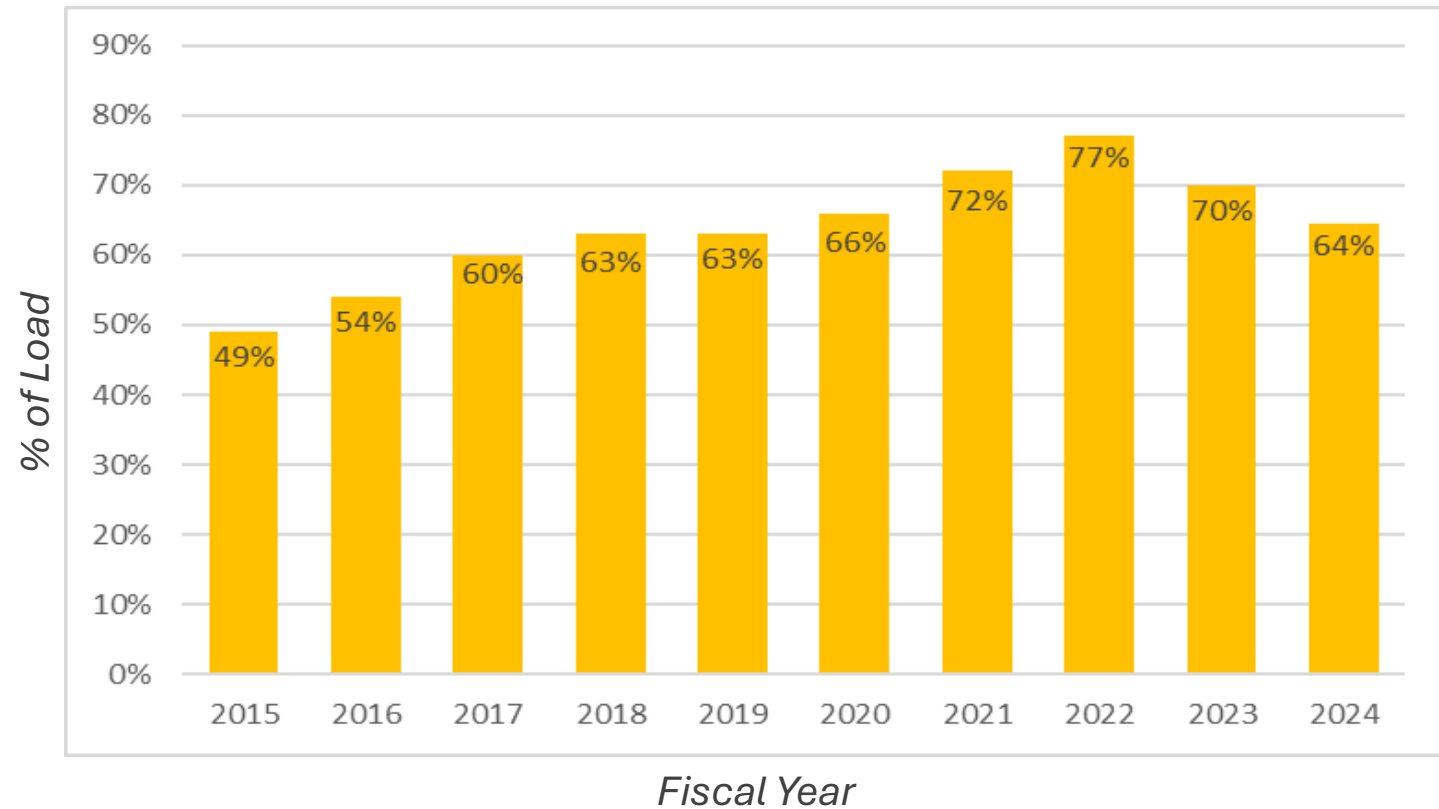


Austin Energy Leads on the Path to Carbon Free

Comparing Fiscal Year 2024
Carbon-Free Generation



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



The 2035 Plan Helps Address Current Challenges



**Increases in
extreme weather
& climate risk**



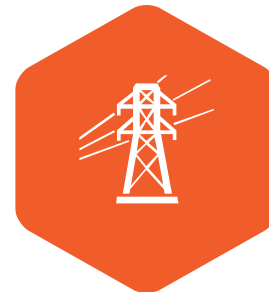
**Growth in
population and
energy consumption**



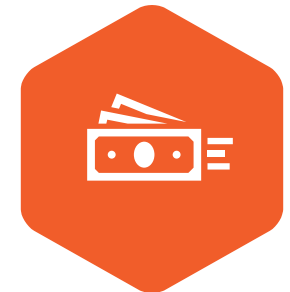
**Replacing local power
generation lost from
plant retirements**



**ERCOT market
changes and
increasing costs**



**Transmission
congestion and volatile
pricing to import energy**



Financial Risk





Building a Bridge to Our Clean Energy Future

Based on intensive stakeholder engagement, modeling, and research, the 2035 Plan puts forward a suite of solutions and technologies to drive these outcomes:



100% Carbon Free Generation by 2035



Industry-leading customer energy solutions



Promotes reliability, affordability and sustainability



Protects our most vulnerable



Resilient to extreme weather



Flexible and innovative



Built to adapt to changing conditions



Community-informed plan



Managing Our 2035 Plan “Toolkit”



The 2035 Plan Commits to Regular Council Updates



Annually

- Progress we've made
- Changes we're seeing
- Actions needed to continue forward

Semiannually

- Progress toward achieving goals for energy efficiency, demand response and local solar
- Actions taken to install battery storage within Austin Energy's Load Zone
- Stack emissions of carbon-emitting generation sources
- Progress toward ending the use of coal as a generation fuel source
- Progress toward achieving carbon-free goals



Regular Reporting on the Path to Carbon Free by 2035

Energy Efficiency

975 MW by 2027
(Energy Efficiency)

40 MW by 2030
(Thermal Storage)

Demand Response

78 MW by 2027
270 MW by 2035

Local Solar

205 MW by 2027
405 MW by 2035

Local Battery Storage

125 MW by 2027

Carbon Intensity

508 lbs CO₂/MWh
(portfolio-wide)
915 lbs CO₂/MWh
(local only)

Stack Emissions

CO₂
NO_x
SO_x
Particulate Matter



2035 Plan Implementation Priorities

Immediate

Launch Solar Standard Offer

Complete DNV Consultant Study on Potential for Customer Solutions and Greenhouse Gas Avoidance Goals

Launch Battery Storage Request for Proposal (RFP)

Break Ground on Geothermal Pilot



Near-Term

Adopt 2024 International Energy Conservation Code

Launch Updated Demand Response Program

Launch Solar for All

Update Council on Progress Toward Ending Use of Coal

Initiate All Resource RFP

Feasibility Phase for New Peakers

Long-Term

Shift to Greenhouse Gas Avoidance Tracking and Goals

Establish Full Suite of Beneficial Electrification Incentives

Set Up a Distributed Energy Resource Management System (DERMS)

Increase Transmission Import Capacity

Explore Advanced Nuclear



**Customer Driven.
Community Focused.SM**

