

# Resource, Generation and Climate Protection Plan to 2035

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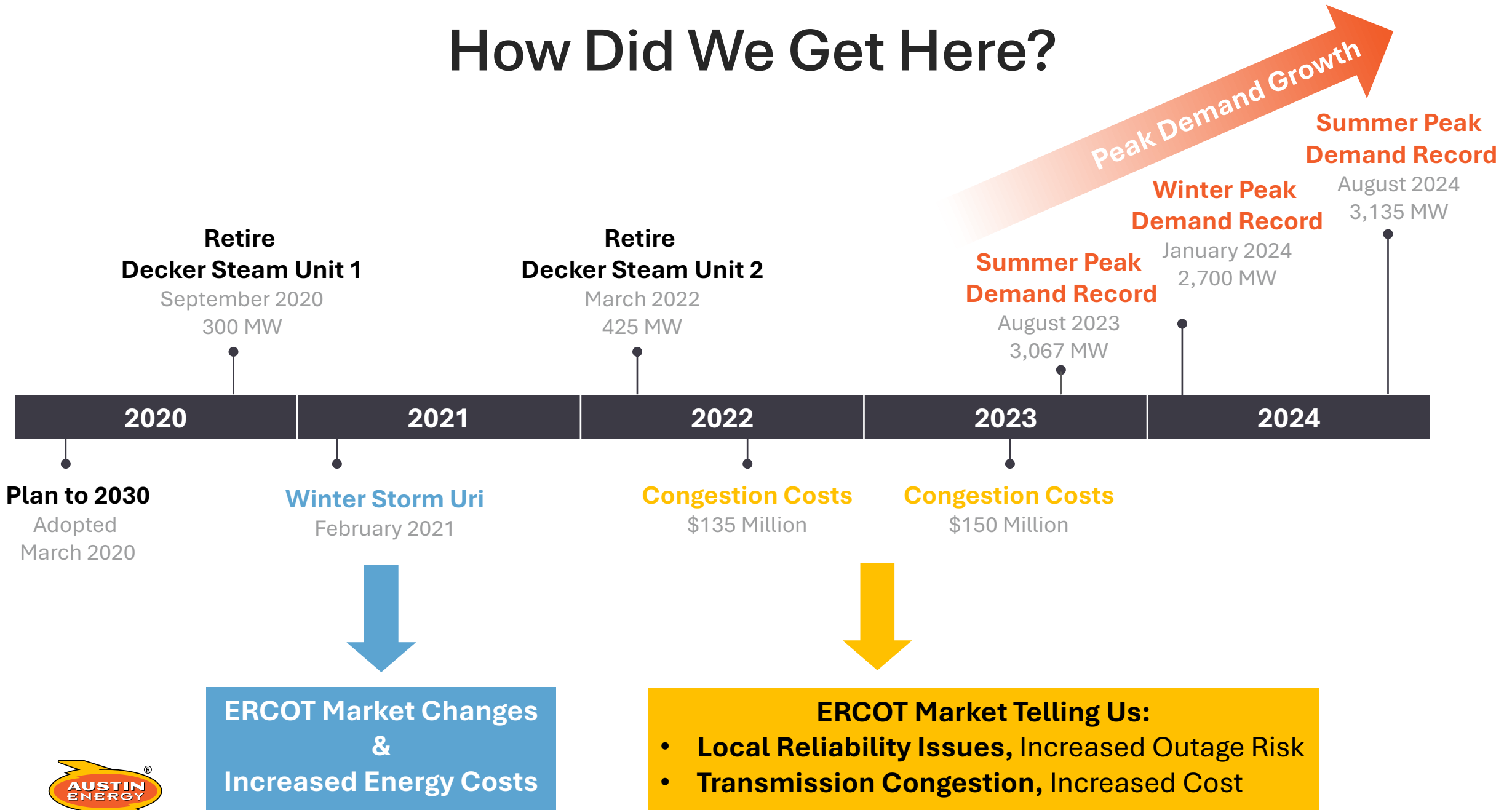
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# Our mission is ultimately about the people we serve



# How Did We Get Here?



**ERCOT Market Changes & Increased Energy Costs**

**ERCOT Market Telling Us:**

- Local Reliability Issues, Increased Outage Risk
- Transmission Congestion, Increased Cost



## Community Outreach

### How We Connected

Started in **August 2023**, focusing on gathering high-level priorities

**5** stakeholder workshops with a broad cross-section of **40** diverse organizations

**7,512** survey participants



Dedicated webpage



Partnered with leading industry experts

Collaborated with the Electric Utility Commission and Austin City Council



### Top Priorities:

**Reliability**

**Affordability**

**Environmental Sustainability**

**Energy Equity**

[publicinput.com/generation](https://publicinput.com/generation)

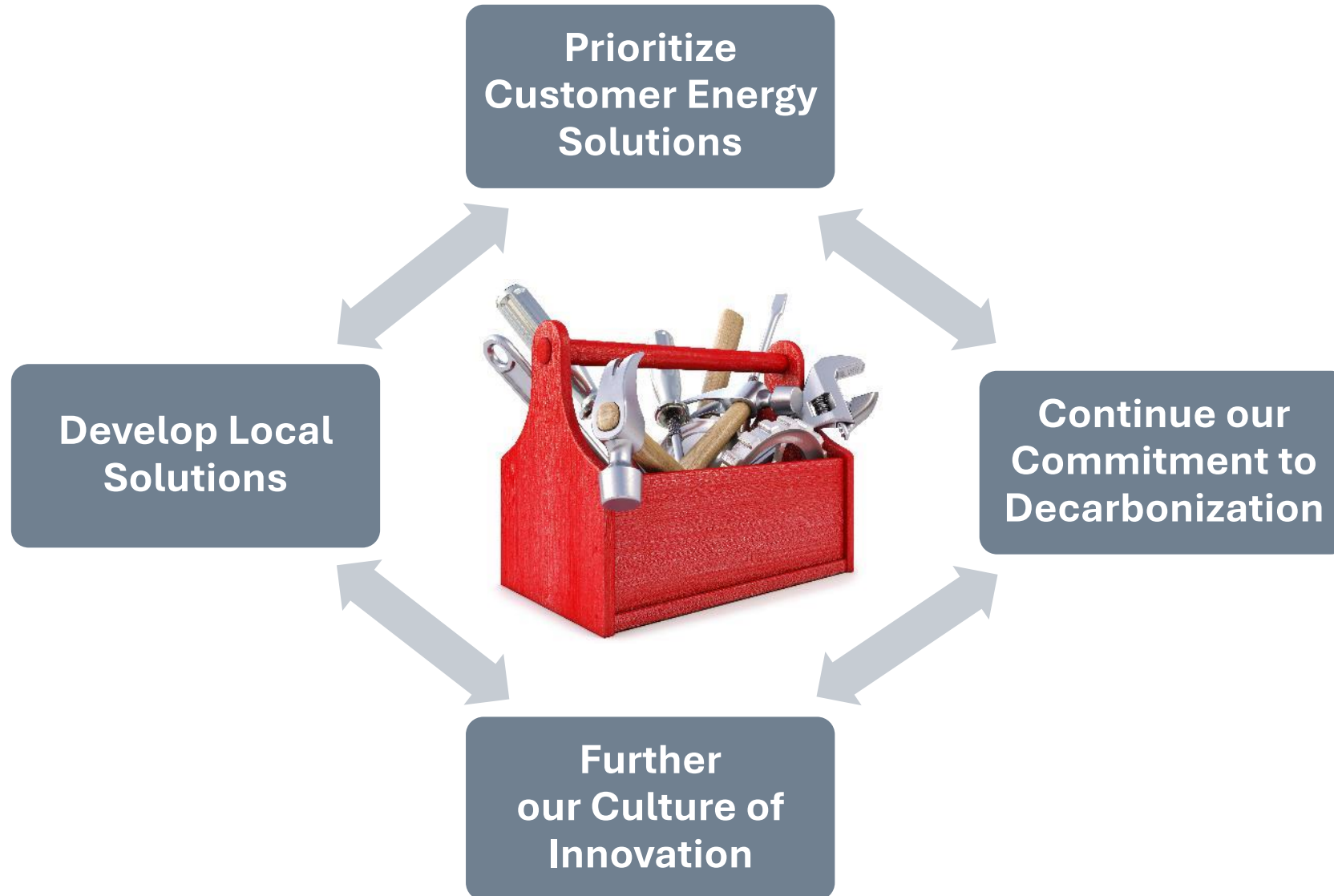
# Powering Austin's Clean Energy Future

**DRAFT**  
**Version 2**

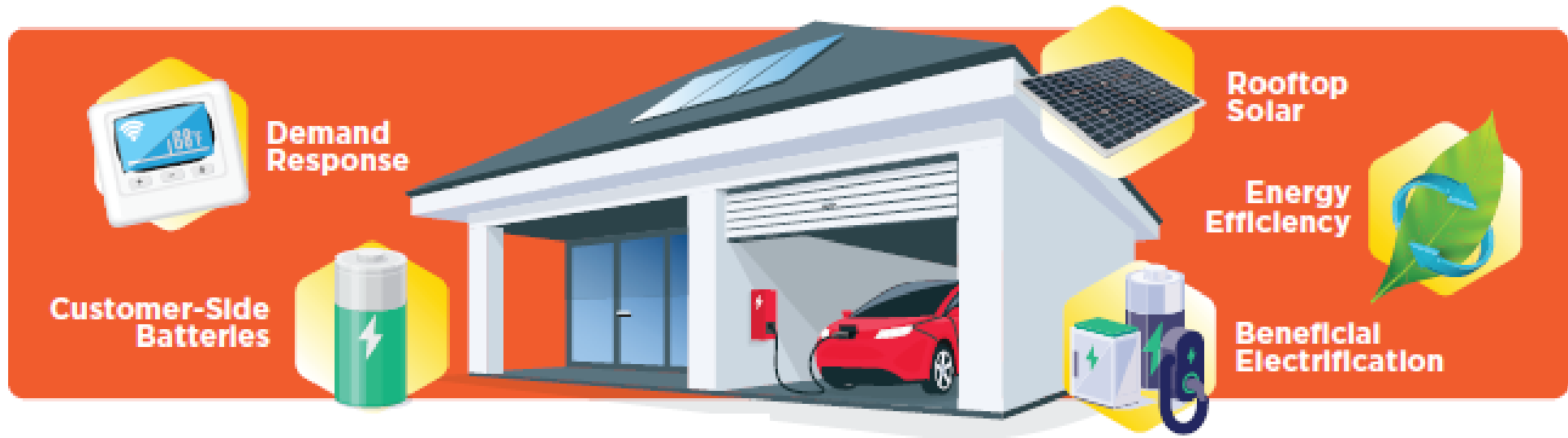
**AUSTIN ENERGY** RESOURCE, GENERATION  
AND CLIMATE PROTECTION PLAN TO 2035



# Managing Our “Toolkit”



# Prioritize Customer Energy Solutions



- Lead with Energy Efficiency
- Lead with Demand Response
- Move from Megawatt Reduction to Greenhouse Gas Avoidance
- Promote Beneficial Electrification
- Incentivize Customer-Sited Batteries
- Promote Innovative Local Solar Solutions
- Improve Customer Interconnection Experience

# Develop Local Solutions



- Prioritize Customer Energy Solutions
- Increase Transmission Import Capacity
- Promote Local Utility-Scale Solar
- Include Local Utility-Scale Batteries
- Avoid Retiring Local Generation Prematurely
- Additional, More Efficient, Natural Gas Peaker Units
- Develop Emissions Guardrails for All Peakers
- Incorporate Equity into Siting Considerations
- Protect Local Air Quality
- Focus Customer Programs to Support Neighborhoods
- Maintain Black Start Utility Status



# Continue Our Commitment to Decarbonization



- Carbon Free as a Percentage of Load
- Exit Coal and Reaffirm REACH – *Reduce Emissions Affordably for Climate Health*
- Wind and Solar Outside of Austin Energy's Service Area
- Geothermal, Nuclear and Other Carbon-Free Technologies

# Further Our Culture of Innovation



- Research and Development Partnerships
- Grant and Other Funding Opportunities
- Solar for All
- Solar Standard Offer
- Pilot Geothermal Generation
- Enhance "Virtual Power Plant" Programs and Set Up a Distributed Energy Resources Management System (DERMS)
- Support Vehicle-to-X Opportunities
- Explore Advanced Nuclear Technologies
- Emerging Carbon Capture Technologies





## 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:



**Cleanest energy portfolio in Texas**



**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**





**Customer Driven.  
Community Focused.<sup>SM</sup>**

