

RESOLUTION NO. 20170817-xxx**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:**

Council adopts the Electric Utility Commission Resource Planning Working Group's 2016-17 Recommendations for Resource Planning Update, a copy of which is attached as Exhibit A.

**BE IT FURTHER RESOLVED:**

To clarify the recommendations endorsed by the Working Group, the City Council directs the City Manager to conduct the following and present the results to the Electric Utility Commission (EUC), Resource Management Commission (RMC), and the Austin Energy Utility Oversight Committee (AEUOC) no later than September 30, 2019:

1. Construct a model that achieves both a 75 percent and an 80 percent renewable energy goal by 2027, including a consideration of the costs, benefits, risks, and potential rate impacts.
2. Construct a model that achieves a 100 percent carbon-free energy goal by 2030, including a consideration of the costs, benefits, risks, and potential rate impacts.
3. Study and possibly pilot a utility managed rooftop solar program that requires no investment from customer participants.
4. Evaluate the Working Group's recommendation to achieve 1,000 MW of energy efficiency by 2027 upon completion of a measurement and verification consultant study, review of standards and technology, and an analysis of budget and progress-to-date. Reset the goal if necessary to reflect

proportionate demand reduction savings given any new methodology implemented. Austin Energy will concurrently assess the potential to reach a higher goal of 1,100 MW of energy efficiency and demand response by 2027.

5. Using the lessons learned following completion and implementation of the SHINES project, develop a roadmap for implementation of electrical storage to achieve the existing goal of 10 MW of electrical storage by 2025.
6. Study the costs, benefits, risks and potential rate impacts of achieving a more aggressive electric storage goal, such as 50 MW of electrical storage by 2027 and of achieving 100 MW of electrical storage by 2027.
7. Study the technical and economic feasibility of emerging technologies, including dispatchable renewable energy technologies, battery storage, compressed air energy storage, aggregated demand response, and vehicle-to-grid.
8. Reassess the costs and benefits of raising the local solar goals from 200 MW by 2025 to 250 MW by 2025 and to 300 MW by 2027, following the first year of implementation of the commercial value of solar.
9. Assess the feasibility of achieving 100 percent renewable energy by 2035.

ADOPTED: \_\_\_\_\_, 2017

ATTEST: \_\_\_\_\_

Jannette S. Goodall  
City Clerk