



Recommendation for Action

File #: 19-2938, **Agenda Item #:** 6.

9/19/2019

Posting Language

Approve issuance of a rebate to the University of Texas at Austin, for performing energy efficiency improvements at the J. J. Pickle Research Campus facility located at 10000 Burnet Road, in an amount not to exceed \$97,178.

Lead Department

Austin Energy

Fiscal Note

Funding is available in the Fiscal Year 2018-2019 Operating Budget of Austin Energy.

For More Information:

Jeff Vice, Director, Local Government Relations (512) 322-6087; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

Council Committee, Boards and Commission Action:

September 9, 2019 - To be reviewed by the Electric Utility Commission.

September 17, 2019 - To be reviewed by the Resource Management Commission.

Additional Backup Information:

Austin Energy requests authorization to issue a rebate to the University of Texas at Austin, in the amount of \$97,178, for energy efficiency measures at the J. J. Pickle Research Campus facility located at 10000 Burnet Road, in Council District 7. The energy efficiency measures implemented at this property include: water-cooled centrifugal chillers and variable frequency drives on condenser water pumps, chilled water pumps and cooling tower fans. The rebate will cover 0.8% of the total project cost of \$12,000,000.

These improvements are in accordance with Austin Energy's Commercial Rebate Program guidelines and the Energy Conservation Audit and Disclosure (ECAD) Ordinance. The rebate program is one element of the comprehensive Austin Energy Resource, Generation and Climate Protection Plan to realize 900 MW of energy efficiency and demand response by 2025. It is designed in part to reduce local air pollution through energy conservation, reduce peak demand, reduce the need to purchase additional generation and assist customers in reducing electric consumption.

The avoided kilowatt-hours (kWh), estimated at 771,759 kWh per year, represent a major benefit to the local environment. This project is estimated to prevent the production of the following air emissions annually: 413 metric tons of Carbon Dioxide (CO₂), 0.2 metric tons of Nitrogen Oxides (NO_x) and 0.5 metric ton of Sulfur Dioxide (SO₂). The project savings is equivalent to an estimated 927,735 vehicle miles traveled, the removal of 79 cars from our roadways, or the planting of 10,615 trees or 531 acres of forest in Austin's parks.