

AGENDA



Recommendation for Council Action

AUSTIN CITY COUNCIL

Regular Meeting: August 9, 2018

Item Number: **002**

Austin Energy

Approve issuance of a rebate to Fairmont Austin, for performing energy efficiency improvements at its Fairmont Hotel Austin located at 101 Red River Street, in an amount not to exceed \$206,014.

District(s) Affected: District 9

Lead Department	Austin Energy
Fiscal Note	Funding in the amount of \$206,014 is available in the Fiscal Year 2017-2018 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	July 16, 2018 - Recommended unanimously by the Electric Utility Commission on a 9-0 vote, with Commissioner Funkhouser absent and one vacancy. July 17, 2018 - Recommended unanimously by the Resource Management Commission on an 8-0 vote, with three vacancies.

Additional Backup Information:

Austin Energy requests authorization to issue a rebate to Fairmont Austin, in an amount not to exceed \$206,014, for energy efficiency measures at the Fairmont Hotel Austin, located at 101 Red River Street

in Council District 9.

The energy efficiency measures at the Fairmont Hotel Austin include: heating, ventilation and air conditioning (HVAC) CO2 controls; regenerative elevators; guest room thermostat controls; high efficiency lighting; variable frequency drives to control air handler motors; and variable frequency drives to control chilled water pump motors.

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 2,983,855 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: 1,597 metric tons of Carbon Dioxide (CO2), 0.7 metric tons of Nitrogen Oxides (NOX), and 1.8 metric tons of Sulfur Dioxide (SO2). The project savings is equivalent to an estimated 3,586,907 vehicle miles traveled, the removal of 306 cars from our roadways, or the planting of 41,042 trees or 2,052 acres of forest in Austin's parks.