

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 01/29/2015

SUBJECT: Approve issuance of a rebate to Austin Convention Enterprises for the installation of energy efficiency improvements at the Austin Hilton Convention Center located at 500 East 4th Street, Austin, Texas 78701, in an amount not to exceed \$70,914.50.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on December 15, 2014 and the Resource Management Commission on December 16, 2014.

Austin Energy requests authorization to issue a rebate to Austin Convention Enterprises in an amount not to exceed \$70,914.50 for energy efficiency improvements to include guest room controllers and LED lighting. These improvements are in accordance with the City of Austin's Commercial Rebate Program guidelines.

These programs are elements of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to 2020, approved in April 2010 by City Council and designed to reduce local air pollution through energy conservation, reduce peak demand, and assist customers in reducing electric consumption.

The Austin Hilton Convention Center, located at 400 East 4th Street, Austin, Texas 78701, is an 801 guest room hotel with 80,000 square feet of meeting space and amenities. The total cost of this project is approximately \$715,687, and the rebate will cover 10% of the cost. The demand (kW) savings associated with this energy efficiency project are estimated at 262 kW, at a program cost of \$270.56 per kilowatt saved. The avoided kWh, estimated at 1,681.675 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 1,009.8 metric tons of Carbon Dioxide (CO₂), 0.637 metric tons of Sulfur Dioxide (SO₂), and 0.704 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 2,267,205 vehicle miles traveled, the removal of 193.4 cars from our roadways, the planting of 25,942 trees or 1,297 acres of forest in Austin's parks. The project will also generate approximately 756,754 gallons of water conservation at the generation power plant.

RCA PROJECT FACT SHEET

Customer Name: Austin Convention Enterprises (Austin Hilton Convention Center)

File Number: 8001

Facility Address: 500 E 4th Street

Customer Contact: John Culp

Estimated Rebate: Not to exceed \$ 70,914.50

Measures Included: **Guest Room Controllers and energy efficient lighting:** The guest room controllers automatically adjust the air conditioning, heating and lighting in all guest rooms based upon the room's occupancy. Incandescent common area lighting and exterior lighting were replaced with LED lighting.

Demand Savings: 262.1 kW

KWh Savings: 1,681,675 kWh

Cost per kW: \$270.56

Estimated Project Cost: \$ 715,687.00
· *The rebate amount for these energy efficiency improvements is 10% of the total cost of this project.*

Estimated Completion Date: September 2014

Site Information: Austin Hilton Convention Center located at 500 East 4th Street, Austin, Texas 78701

Comments: The Austin Hilton Convention Center, located at 400 East 4th Street, Austin, Texas 78701, is an 801 guest room hotel with 80,000 square feet of meeting space and amenities.