

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	49717	Agenda Number	3.
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Meeting Date:	9/17/2015	Department:	Austin Energy
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## Subject

Approve issuance of a rebate to Austin 18 Hotel, LLC, for the installation of energy efficiency measures at 110 East Second Street, in an amount not to exceed \$198,487.

## Amount and 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.

Purchasing Language:	
Prior Council Action:	
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.
Council Committee, Boards and Commission Action:	August 17, 2015 - Unanimously approved by the Electric Utility Commission on a vote of 11-0. August 18, 2015 - Unanimously approved by the Resource Management Commission on a vote of 9-0.
MBE / WBE:	
Related Items:	

## Additional Backup Information

Austin Energy requests authorization to issue a rebate to Austin 18 Hotel, LLC, in an amount not to exceed \$198,487, for energy efficiency measures installed at its JW Marriott Convention Center Hotel. This new development is located at 110 East Second Street, Austin, Texas, 78701, in Council District 9.

The JW Marriot Convention Center Hotel is a 34-story, 570,000 square foot hotel with 1,012 guest rooms and a three-level underground parking garage. The energy efficiency measures installed include high efficiency interior lighting, exterior lighting, guest room controllers, variable frequency drives on air handlers, exhaust fans, and chilled water pumps, and regenerative elevators. The estimated total cost of installing the measures is \$1,608,878, and the rebate will cover approximately 12% of the total cost. The demand savings associated with this energy efficiency project are estimated at 635 kilowatts (kW) at a program cost of \$313 per kW saved.

These improvements are in accordance with the Austin Energy's Commercial Rebate Program guidelines. This

program is one of the elements of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to realize 700 MW of energy efficiency and 200 MW of demand response by 2025. The original plan, approved by City Council in April 2010 and updated in December 2014, 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 2,975,238 kWh per year represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 1,786.5 metric tons of Carbon Dioxide (CO<sub>2</sub>), 1,126 metric tons of Sulfur Dioxide (SO<sub>2</sub>) and 1,245 metric tons of Nitrogen Oxides (NO<sub>x</sub>). The project savings are equivalent to an estimated 4,011,164 vehicle miles traveled, the removal of 342 cars from our roadways, the planting of 45,897 trees or 2,295 acres of forest in Austin's parks.