

## A G E N D A



## Recommendation for Council Action

Austin City Council		Item ID	54815	Agenda Number	4.
Meeting Date:	2/25/2016		Department:	Austin Energy	
Subject					
Authorize issuance of a rebate to Oracle America Inc., for the installation of energy efficiency measures at its data center located at 11400 N. Lamar Blvd., in an amount not to exceed \$118,808. (District 7)					
Amount and Source of Funding					
Funding is available in the Fiscal Year 2015-2016 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:	February 16, 2016 - Recommended by the Resource Management Commission on a vote of 11-0. February 22, 2016 - To be reviewed by the Electric Utility Commission.				
MBE / WBE:					
Related Items:					

## Additional Backup Information

Austin Energy requests authorization to issue a rebate to Oracle America Inc., in an amount not to exceed \$118,808 for energy efficiency measures installed at its data center. This existing data center facility is located at 11400 N. Lamar Blvd. in Council District 7.

This Oracle facility is a 130,804 square foot data center and office building. The energy efficiency measure installed is electronically commutated motors or ECMs retrofitted on 63 existing computer room air conditioners. The estimated total cost of installing the measures is \$839,081 and the rebate will cover 14.2% of the total cost. The demand savings associated with this energy efficiency project are estimated at 339.5 kilowatts (kW) at a program cost of \$350 per kW saved.

These improvements are in accordance with 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 megawatts (MW) of energy efficiency and 200 MW of demand response by 2025. The 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 2,973,582 kWh per year represents a major benefit to the local environment. This project is estimated to prevent the production of the following air pollutants: 1,785.5 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 4,008,932 vehicle miles traveled, the removal of 342 cars from our roadways, the planting of 45,871 trees or 2,294 acres of forest in Austin's parks.