

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	49716	Agenda Number	4.
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Meeting Date:	9/17/2015	Department:	Austin Energy
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Subject

Approve issuance of a rebate to Home Depot U.S.A., Inc., for the installation of energy efficiency measures at 1300 Park Center Drive, in an amount not to exceed \$197,259.

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 Home Depot U.S.A., Inc., in an amount not to exceed \$197,259, for energy efficiency measures installed at its data center located at 1300 Park Center Drive, Austin, Texas, 78753, in Council District 4.

The Home Depot Data Center is a single-story data center and office building with over 158,000 square feet of space. The energy efficiency measures installed include the conversion and upgrade from air-cooled direct expansion air conditioning to water cooled chillers and cooling towers, and installation of variable frequency drives to existing air handlers, cooling tower fans, and pumps. The estimated total cost of installing the measures is \$1,370,619 and the rebate will cover approximately 14% of the total cost. The demand savings associated with this energy efficiency project are estimated at 609 kilowatts (kW) at a program cost of \$324 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 2,183,265 kWh per year represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 1,311 metric tons of Carbon Dioxide (CO₂), 0.826 metric tons of Sulfur Dioxide (SO₂) and 0.914 metric tons of Nitrogen Oxides (NO_x). The project savings are equivalent to an estimated 2,943,440 vehicle miles traveled, the removal of 251 cars from our roadways, the planting of 33,679 trees or 1,684 acres of forest in Austin's parks.