

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	61095	Agenda Number	2.
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Meeting Date:	8/18/2016	Department:	Austin Energy
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Subject

Approve issuance of a rebate to Apple, Inc., for the installation of energy efficiency and demand response measures at its Riata Vista Phase IIB Campus and Central Plant located at 5401 and 5501 West Parmer Lane, in an amount not to exceed \$248,019. (District 6)

Amount and Source of Funding

Funding is available in the Fiscal Year 2015-2016 Operating Budget of Austin Energy.

Fiscal Note

A fiscal note is not required.

Purchasing Language:	
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Prior Council Action:	
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For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.
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Council Committee, Boards and Commission Action:	July 18, 2016 – Recommended by the Electric Utility Commission on a vote of 10-0 with Commissioner Ferchill absent. July 19, 2016 – Recommended by the Resource Management Commission on a vote of 7-0 with Commissioners Gill and Saum absent.
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MBE / WBE:	
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Related Items:	
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Additional Backup Information

Austin Energy requests authorization to issue a rebate to Apple Inc., in an amount not to exceed \$248,019, for energy efficiency and demand response measures installed at its Northwest Austin campus. The office buildings, cafeteria, and central plant are located at 5401 and 5501 West Parmer Lane, in Council District 6.

Apple Riata Vista Phase IIB includes Buildings 5, 6 and 7 and a thermal energy storage system at its Central Plant. The energy efficiency measures installed include high efficiency lighting, variable frequency drives, Flywheel UPS systems, and split system and variable refrigerant flow air conditioner systems. The demand response measure installed is a 7,200 ton-hour thermal energy storage system. The estimated total cost of installing these measures is \$12,991,428 and the rebate will cover approximately 1.9% of the total cost. The demand savings associated with this project are estimated at 793 kilowatts (kW) at a program cost of \$313 per kW saved.

These improvements are in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of the comprehensive [Austin Energy Resource, Generation and Climate Protection Plan](#) to realize 700 MW of energy efficiency and 200 MW of demand response by 2025.

The avoided kilowatt hours (kWh) estimated at 1,751,171 kWh per year represents a major benefit to the local environment. This project is estimated to offset the production of the following air emissions: 1,051 metric tons of Carbon Dioxide (CO₂), 0.663 metric tons of Sulfur Dioxide (SO₂) and 0.733 metric tons of Nitrogen Oxides (NO_x). The project savings are equivalent to an estimated 2,360,898 vehicle miles traveled, the removal of 201 cars from our roadways, the planting of 27,014 trees or 1,351 acres of forest in Austin's parks.