

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	61610	Agenda Number	3.
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Meeting Date:	9/1/2016	Department:	Austin Energy
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Subject

Approve issuance of a rebate to KIPP Austin Public Schools, Inc., for the installation of energy efficiency measures at its North Campus located at 8004 Cameron Road, in an amount not to exceed \$60,412. (District 4)

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:	
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 15, 2016 - Recommended by the Electric Utility Commission on a vote of 9-0, with Commissioners Biedrzycki and Roa off the dais.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to issue a rebate to KIPP Austin Public Schools, Inc., in an amount not to exceed \$60,412, for energy efficiency measures installed at its North Campus. The school is located at 8004 Cameron Road, in Council District 4.

The KIPP Austin North Campus is a single 200,000 square feet building to be used for the education of K-12 Austin area children. This complete renovation of an existing manufacturing facility is a change of occupancy from Industrial to Educational and, as such, it is considered new construction. The facility includes classrooms, science and computer labs, a gymnasium, a full-production kitchen, and a cafeteria. The energy efficiency measures include high efficiency lighting, lighting control sensors, variable frequency drives, split system and variable refrigerant flow air conditioner systems, and commercial kitchen equipment. The estimated total cost of installing the measures is \$5,470,439 and the rebate will cover approximately 1.1% of the total cost. The demand savings associated with this energy efficiency project are estimated at 190 kilowatts (kW) at a program cost of \$318 per kW saved.

These improvements are in accordance with Austin Energy's Commercial Rebate Program guidelines and the Energy Conservation Audit and Disclosure Ordinance. 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 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 1,423,794 kWh per year represents a major benefit to the local environment. This project is estimated to offset the production of the following air emissions: 855 metric tons of Carbon Dioxide (CO₂), 0.539 metric tons of Sulfur Dioxide (SO₂) and 0.596 metric tons of Nitrogen Oxides (NO_x). The project savings are equivalent to an estimated 1,919,534 vehicle miles traveled, the removal of 164 cars from our roadways, the planting of 21,964 trees or 1,098 acres of forest in Austin's parks.