

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	75132	Agenda Number	7.
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Meeting Date:	9/28/2017	Department:	Austin Energy
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Subject

Approve issuance of a rebate to Round Rock ISD for performing energy efficiency improvements at McNeil High School located at 5720 McNeil Drive, in an amount not to exceed \$70,265.

Amount and Source of Funding

Funding is available in the Fiscal Year 2016-2017 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 Relations (512) 322-6087; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.
Council Committee, Boards and Commission Action:	To be reviewed by the Electric Utility Commission on September 18, 2017 and by the Resource Management Commission on September 19, 2017.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to issue a rebate to Round Rock ISD, in an amount not to exceed \$70,265 for energy efficiency measures at McNeil High School located at 5720 McNeil Drive. The property is outside the city limits of Austin, but within the Austin Energy service territory.

McNeil High School is a Round Rock ISD school serving 2,539 students. This project is an air conditioning retrofit including two water-cooled chillers, one cooling tower, and 12 variable frequency drives. The estimated total cost of these measures is \$896,830; the rebate will cover 7.83% of the total cost.

These improvements are in accordance with Austin Energy's Commercial Rebate Program guidelines. The rebate program is one element of the comprehensive Austin Energy Resource, Generation and Climate Protection Plan to realize 1000 MW of energy efficiency and demand response by 2027. It 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) are estimated at 510,961 kWh per year, and represent a major benefit to the local environment. This project is estimated to prevent the production of the following air emissions: 273.5 metric tons of Carbon Dioxide (CO₂), 0.121 metric tons of Nitrogen Oxides (NO_x), and 0.307 metric tons of Sulfur Dioxide (SO₂). The project savings is equivalent to an estimated 614,229 vehicle miles traveled, the removal of 52 cars from our roadways, or the planting of 7,028 trees or 351 acres of forest in Austin's parks.