

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	41303	Agenda Number	4.
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Meeting Date:	3/5/2015	Department:	Austin Energy
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Subject

Approve issuance of a rebate to Austin Community College for energy efficiency improvements at its newly constructed Highland Campus located at 6101 Airport Blvd., in an amount not to exceed \$86,926.65.

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.
Boards and Commission Action:	February 17, 2015 - Approved by the Resource Management Commission on a vote of 7-0. February 23, 2015 - Approved by the Electric Utility Commission on a vote of 5-0 with Commissioners Meijer and Rai absent.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to issue a rebate to Austin Community College (ACC) in the amount of \$86,926.65 for the following energy efficiency measures at its new Highland Campus: high efficiency chillers, cooling towers, variable frequency drives, direct expansion air-conditioning, interior lighting and lighting controls, and roof insulation. These improvements are in accordance with the City of Austin's Commercial Rebate Program guidelines.

The Highland Campus, located at 6101 Airport Blvd., Austin, Texas 78752, is the latest addition to ACC's portfolio and is expected to accommodate 6,000 students. It is located in District 4. The total cost of this project is \$70,000,000 and the rebate will cover 0.124% of the cost.

This program is one element 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 and assist customers in reducing electric consumption.

The demand (kilowatt or kW) savings associated with this energy efficiency project are estimated at 323.64 kW, at a program cost of \$268.59 per kilowatt saved. The avoided kilowatt hours (kWh) estimated at 1,184,586 kWh per year represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 711.3 metric tons of Carbon Dioxide (CO₂), 0.448 metric tons of Sulfur Dioxide (SO₂) and 0.496 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 1,597,038 vehicle miles traveled, the removal of 136 cars from our roadways, the planting of 18,274 trees or 914 acres of forest in Austin's parks. The project will also generate approximately 533,064 gallons of water conservation at the generation power plant.