

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	28123	Agenda Number	3.
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Meeting Date:	10/24/2013	Department:	Austin Energy
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Subject

Approve issuance of a rebate to CWS Apartment Homes for performing duct diagnostics and improvements at the Marquis at Tech Ridge Apartments, 12800 Center Lake Drive, Austin, Texas, in an amount not to exceed \$83,310.

Amount and Source of Funding

Funding is available in the Fiscal Year 2013-2014 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) 322-6087; Debbie Kimberly, VP, Distributed Energy Services (512) 322-6327; Scott Jarman, P.E., Consulting Engineer, Energy Efficiency Services, (512) 482-5307.
Boards and Commission Action:	October 21, 2013 - To be reviewed by the Electric Utility Commission.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to issue a rebate in the amount of \$83,310 to CWS Apartment Homes for performing duct diagnostics and improvements at the Marquis at Tech Ridge Apartments in accordance with Multi-Family Rebate Program guidelines. This program is one element of the comprehensive Resource, Generation, and Climate Protection Plan to 2020, approved by City Council in April 2010 and designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

The Marquis at Tech Ridge Apartments is located at 12800 Center Lake Drive, Austin, Texas 78753. The property comprises 10 buildings containing 294 apartment units, with 239,170 square feet of conditioned space. The rebate amount for this energy efficiency improvement is 90% of the total cost of this project. It qualifies at a rebate level of \$.35/sq.ft. for 235,170 square feet of conditioned space and \$.25/sq.ft. for 4,000 square feet of conditioned space. The average rebate per apartment unit is \$283. In addition to kilowatt (kW) savings, this rebate measure improves both comfort and indoor air quality for all residents. The demand or kW savings associated with this energy efficiency

duct sealing project is estimated at 116 kW, at a program cost of \$717 per kilowatt saved.

The avoided kWh (kilowatt hours), estimated at 174,355 kWh per year, represents a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 104.7 metric tons of Carbon Dioxide (CO₂), 0.073 metric tons of Nitrogen Oxides (NO_x), and 0.066 metric tons of Sulfur Dioxide (SO₂). In addition to the reduced air and toxic pollution, the project savings are equivalent to an estimated 235,062 vehicle miles traveled, the removal of 20 cars from our roadways, or the planting of 2,690 trees or 134 acres of forest in Austin's parks.