

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	28122	Agenda Number	2.
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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 Center Ridge Apartments, 701 Center Ridge Drive, Austin, Texas, in an amount not to exceed \$97,558.

## 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 \$97,558 to CWS Apartment Homes for performing duct diagnostics and improvements at the Marquis at Center Ridge Apartments in accordance with Multi-Family Rebate Program guidelines. This program is one element of Austin Energy's 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, reduce peak demand, and assist customers in reducing electric consumption.

The Marquis at Center Ridge Apartments is located at 701 Center Ridge Drive, Austin, Texas 78753. The property comprises 12 buildings containing 348 apartment units, with 279,880 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 275,880 square feet of conditioned space and \$.25/sq.ft. for 4,000 square feet of conditioned space. The average rebate per apartment unit is \$280. In addition to the kilowatt (kW) savings, this rebate measure improves

both comfort and indoor air quality for the residents. The demand or kW savings associated with this energy efficiency duct sealing project is estimated at 136 kW, at a program cost of \$717 per kW saved.

The avoided kWh (kilowatt hours), estimated at 204,033 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: 122.5 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.085 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.077 metric tons of Sulfur Dioxide (SO<sub>2</sub>). In addition to the reduced air and toxic pollution, the project savings are equivalent to an estimated 275,074 vehicle miles traveled, the removal of 23.5 cars from our roadways, or the planting of 3,147 trees or 157 acres of forest in Austin's parks.