

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	25279	Agenda Number	13.
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Meeting Date:	6/27/2013	Department:	Austin Energy
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## Subject

Approve issuance of a rebate to SAMSUNG AUSTIN SEMICONDUCTOR for the installation of energy efficient lighting and equipment at its facility located at 12100 Samsung Blvd., Austin, TX 78754, in an amount not to exceed \$77,464.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2012-2013 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 322-6087, Debbie Kimberly 322-6327, Fred Yebra, P.E., 482-5305.
Boards and Commission Action:	June 17, 2013 - Unanimously approved by the Electric Utility Commission on a 7-0 vote. Recommendation No. 20130617-017. June 18, 2013 - Unanimously approved by the Resource Management Commission on a 4-0 vote. Recommendation No. 20130618-015.
MBE / WBE:	
Related Items:	

## Additional Backup Information

Austin Energy requests authorization to issue a rebate to Samsung Austin Semiconductor in an amount not to exceed \$77,464 for the installation of energy efficient lighting and Uninterruptible Power Supply (UPS) system upgrades in accordance with the City of Austin's Commercial 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, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

Samsung Austin Semiconductor's 2.3 million-square-foot complex is located at 12100 Samsung Blvd., Austin, TX 78754. The total cost of this project is \$4,109,371 and the rebate will cover 1.9% of the cost. The demand (kW) savings associated with this energy efficiency project is estimated at 289.26 kW, at a program cost of \$267.80 per kilowatt saved. The avoided kWh, estimated at 2,535,268 kWh per year, represents a major benefit to the local

environment. This project will prevent the following air pollutants from being emitted: 1,522.3 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.960 metric tons of Sulfur Dioxide (SO<sub>2</sub>), and 1.061 metric tons of Nitrogen Oxides (NO<sub>x</sub>).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 3,418,004 vehicle miles traveled, the removal of 291.6 cars from our roadways, or the planting of 39,109 trees or 1,955 acres of forest in Austin's parks.