

## A G E N D A



### Recommendation for Council Action

Austin City Council	Item ID	49718	Agenda Number	5.
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Meeting Date:	9/17/2015	Department:	Austin Energy
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#### Subject

Approve issuance of a rebate to Samsung Austin Semiconductor, LLC, for the installation of energy efficiency measures at 12100 Samsung Blvd., in an amount not to exceed \$104,028.

#### 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.
Council Committee, Boards and Commission Action:	August 17, 2015 - Unanimously approved by the Electric Utility Commission on a vote of 11-0. August 18, 2015 – Unanimously approved by the Resource Management Commission on a vote of 9-0.
MBE / WBE:	
Related Items:	

#### Additional Backup Information

Austin Energy requests authorization to issue a rebate to Samsung Austin Semiconductor, LLC, in an amount not to exceed \$104,028, for energy efficiency measures installed at its Samsung Semiconductor Complex. This facility is located at 12100 Samsung Blvd, Austin, Texas, 78754, in Council District 1.

The Samsung campus is a 2.3 million square foot semiconductor complex. The energy efficiency measures installed include high efficiency centrifugal water-cooled chillers and variable frequency drives on chilled water pumps. The estimated total cost of installing the measures is \$1,147,083 and the rebate will cover approximately 9% of the total cost. The demand savings associated with this energy efficiency project are estimated at 224 kilowatts (kW) at a program cost of \$464 per kW saved.

These improvements are in accordance with the Austin Energy's Commercial Rebate Program guidelines. This program is one of the elements 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, reduce the need to purchase additional generation and assist customers in reducing electric consumption.

The avoided kilowatt hours (kWh) estimated at 925,220 kWh per year represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 555.6 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.350 metric tons of Sulfur Dioxide (SO<sub>2</sub>) and 0.387 metric tons of Nitrogen Oxides (NO<sub>x</sub>). The project savings are equivalent to an estimated 1,247,366 vehicle miles traveled, the removal of 106 cars from our roadways, the planting of 14,273 trees or 714 acres of forest in Austin's parks.