

A G E N D A



RCA	Austin City Council	Item ID	5717
Meeting Date:	4/28/2011	Department:	Austin Energy

Subject

Approve issuance of a rebate to Samsung Austin Semiconductor for the installation of energy efficient equipment in an amount not to exceed \$200,000.

Amount and Source of Funding

Funding is available in the Fiscal Year 2010-2011 Operating Budget of Austin Energy, Conservation Rebates and Incentives Fund.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

**Purchasing
Language:**

**Prior Council
Action:**

**For More
Information:** Fred Yebra, P.E., Director, Energy Efficiency Services, at 482-5305 or Stephen Leinweber, Unit Manager, at 322-6056.

**Boards and
Commission
Action:** Recommended by the Electric Utility Commission and the Resource Management Commission.

MBE / WBE:

Related Items:

Additional Backup Information

Austin Energy's Energy Efficiency Services requests authorization to issue a rebate to Samsung Austin Semiconductor in the amount of \$200,000 for the installation of both high and low temperature chillers, uninterruptible power supplies (UPSs), custom technology dynamic sag correctors (DSCs), cooling towers, premium efficiency motors, and variable frequency drives (VFDs) for the cooling towers, in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Energy Resource Plan, approved in December 2003 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

Samsung Austin Semiconductor (SAS) is located at 12100 Samsung Blvd. in northeast Austin. The demand (kW) savings associated with the high efficiency equipment installed in this project is estimated at 953.3 kW, at a program cost of \$209.82 per kilowatt saved. The avoided kWh, estimated at 7,954,151 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 4,776 metric tons of Carbon Dioxide (CO2), 3.01 metric tons of Sulfur Dioxide (SO2), and 3.33 metric tons of Nitrogen

Oxides (NOX).

In addition to the reduced air and toxic metals pollution, the project savings are equivalent to an estimated 10,723,649 vehicle miles traveled, the removal of 915 cars from our roadways, or the planting of 122,702 trees or 6,135 acres of forest in Austin's parks.