

AGENDA



Thursday, September 25, 2008

**Austin Energy
RECOMMENDATION FOR COUNCIL ACTION****Item No. 4**

Subject: Approve issuance of a rebate in the amount of \$126,411.36 to Austin Samsung Semiconductor for the installation of energy efficient equipment at their new construction project at 12100 Samsung Boulevard, Austin, Texas.

Amount and Source of Funding: Funding in the amount of \$126,411.36 is available in the Fiscal Year 2007-2008 Operating Budget of Austin Energy in the Conservation Rebates and Incentives Fund.

Fiscal Note: There is no unanticipated fiscal impact. A fiscal note is not required.

For More Information: Fred Yebra, P.E., Director, Energy Efficiency Services, 482-5305; Jerrel Gustafson, Unit Manager, 482-5387.

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

Austin Energy (AE) requests authorization to issue a rebate in the amount of \$126,411.36 to Austin Samsung Semiconductor for the installation of high and low temperature chillers, cooling towers, transformers, Uninterruptible Power Supply System, Dynamic Sag Correctors, NEMA Premium motors, and Variable Frequency Drives at their new construction project located at 12100 Samsung Boulevard in Austin, Texas, in accordance with the City of Austin's Commercial Rebate Program guidelines.

This program is one element of AE's comprehensive Energy Resource Plan, approved in December 2003 by City Council, designed to reduce local air pollution through energy conservation, reduce peak demand, and assist customers in reducing electric consumption. Within currently approved budget funding levels for commercial conservation rebates, this effort will provide AE with a constructive market transformation opportunity while adding a value-added service to encourage customer retention.

The demand (kW) savings associated with the high efficiency equipment installed in this project is estimated at 429.2 kW, at a program cost of \$294.53 per kilowatt saved. The avoided kWh, estimated at 3,770,351 kWh per year, represents a major benefit to the local environment. These savings are equivalent to an estimated 4,212,335 vehicle miles traveled, or the removal of 526 cars from our roadways, or the planting of 82,261 trees or 4,113 acres of forest in Austin's parks. These improvements likewise will prevent 2,404.49 tons of CO₂ from being emitted into the environment.

The City will not exceed the rebate offer of \$126,411.36 should the final installed measures be eligible for a higher rebate at the time of the final inspection due to changes in quantity or efficiency of equipment.