

AGENDA



Thursday, January 29, 2009

**Austin Energy
RECOMMENDATION FOR COUNCIL ACTION****Item No. 2**

Subject: Approve the issuance of a Letter of Intent for a rebate to Pfluger Associates Architects for the installation of a solar photovoltaic system at the project located at 209 E. Riverside Drive, Austin, Texas, 78704, in an amount not to exceed \$100,000.

Amount and Source of Funding: Funding is available in the Fiscal Year 2008-2009 Operating Budget of Austin Energy in the Conservation Rebates and Incentives Fund.

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

For More Information: Fred Yebra, Director, Demand Side Management, 482-5305; Leslie Libby, Solar Rebate Program Manager, 482-5390.

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

Austin Energy (AE) requests authorization to issue a Letter of Intent in the amount of \$100,000 to Pfluger Associates Architects for the installation of a solar photovoltaic system at the project located at 209 E. Riverside Drive, Austin, Texas, 78704. The total installed cost is estimated to be \$198,246.31 and the rebate will cover approximately 50% of the cost. The rebate level for this project is \$4,500 per kW. The solar equipment, which meets AE program requirements, includes a total of 144 solar modules rated at 170 watts each, and associated inverters are rated at 94.5% efficiency. A total of 20.3 kW in demand savings is expected.

This energy improvement will save an estimated 31,269 kWh per year—enough to provide electricity to three average Austin homes for a year—and produce an estimated 31 Renewable Energy Credits per year. These savings are equivalent to the planting of 693 trees or 35 acres of forest in Austin's parks or the removal of 35,509 vehicle miles or four cars from Austin roadways. This project will save 20.2 tons of Carbon Dioxide (CO₂); 25.5 pounds of Sulfur Dioxide (SO₂); 28.2 pounds of Nitrogen Oxide (NO_x), and 20 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.

The Commercial Energy Efficiency programs are elements of AE's comprehensive effort to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

This effort will provide AE with a constructive market transformation opportunity while adding a value-added service to encourage customer retention.