

AGENDA



Thursday, December 11, 2008

Austin Energy
RECOMMENDATION FOR COUNCIL ACTION

Item No. 2

Subject: Approve the issuance of a Letter of Intent for a rebate in the amount of \$100,000 to Alori Properties – Live Oak Court for the installation of a solar photovoltaic system at the project located at 2900 S. Congress, Austin, Texas, 78704.

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 Alori Properties – Live Oak Court for the installation of a solar photovoltaic system at the project located at 2900 S. Congress. The total installed cost is estimated to be \$163,059 and the rebate will cover approximately 61% of the cost. The rebate level for this project is \$4,409 per kW. The solar equipment, which meets AE program requirements, includes a total of 135 solar modules rated at 175 watts each, and associated inverters are rated at 96% efficiency. A total of 19.6 kW in demand savings is expected.

This energy improvement will save an estimated 31,860 kWh per year—enough to provide electricity to three average Austin homes for a year—and produce an estimated 32 Renewable Energy Credits per year. These savings are equivalent to the planting of 707 trees or 35 acres of forest in Austin's parks or the removal of 36,180 vehicle miles or five cars from Austin roadways. This project will save 20.6 tons of Carbon Dioxide (CO₂); 26 pounds of Sulfur Dioxide (SO₂); 28.7 pounds of Nitrogen Oxide (NO_x), and 20 pounds of Carbon Monoxide (CO) from being emitted.

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.