

## AGENDA



Thursday, January 15, 2009

**Austin Energy  
RECOMMENDATION FOR COUNCIL ACTION****Item No. 6**

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**Subject:** Approve the issuance of a Letter of Intent for a rebate in the amount of \$74,260.80 to Bodhi Yoga for the installation of a solar photovoltaic system at the project located at 12801 Shops Parkway, Austin, Texas, 78738.

**Amount and Source of Funding:** Funding in the amount of \$74,260.80 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 fiscal 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.

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Austin Energy requests authorization to issue a rebate in the amount of \$74,260.80 to Bodhi Yoga for the installation of a solar photovoltaic system in accordance with the City of Austin's Solar Rebate Program guidelines. The total installed cost is estimated to be \$136,385.52. The rebate will cover approximately 54% of the installed cost. The rebate level for this project is \$4,500 per kW. The solar equipment, which meets Austin Energy program requirements, includes a total of 80 solar modules rated at 216 watts each, and the associated inverter is rated at 95.5% efficiency.

A total of 14.3 kW in demand savings is expected. This energy improvement will save an estimated 22,972 kWh and produce an estimated 23 Renewable Energy Credits per year. These savings are equivalent to planting 509 trees or 25 acres of forest in Austin's parks or the removal of 26,087 vehicle miles or three cars from Austin roads. This project will effectively provide electricity to two average homes in Austin for a year. This project will save 14.9 tons of Carbon Dioxide (CO<sub>2</sub>), 18.7 pounds of Sulfur Dioxide (SO<sub>2</sub>), 20.7 pounds of Nitrogen Oxide (NO<sub>x</sub>), and 14 pounds of Carbon Monoxide (CO) from being emitted into our atmosphere.

The Commercial Energy Efficiency programs are elements of Austin Energy'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 Austin Energy with a constructive market transformation opportunity while adding a value-added service to encourage customer retention.

This project will be funded within currently approved budget funding levels for commercial conservation rebate budget; therefore there is no anticipated fiscal impact. The City will not exceed the rebate offer of \$74,260.80 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.