

AGENDA



Thursday, August 7, 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 \$52,254.72 the Riverside Chevron Station for the installation of a solar photovoltaic system at the project located at 400 S. Congress, Austin, Texas, 78704.

Amount and Source of Funding: Funding 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, 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 \$52,254.72 to Riverside Chevron for the installation of a solar photovoltaic system, in accordance with the City of Austin's Solar Rebate Program guidelines. The program is one element of AE's comprehensive Strategic Plan approved in December 2003.

This energy improvement will save an estimated 16,468 kWh per year and produce an estimated 16 Renewable Energy Credits (RECs) per year. These savings are equivalent to an estimated 18,701 vehicle miles traveled, the removal of two cars from our roadways, or the planting of 365 trees or 18 acres of forests in Austin's parks. This will save 10.7 tons of Carbon Dioxide (CO₂); 13.4 pounds of Sulfur Dioxide (SO₂); 14.9 pounds of Nitrogen Oxide (NOX) and 10 pounds of Carbon Monoxide (CO) from being emitted.

Riverside Chevron is located at 400 S. Congress, Austin, Texas, 78704. The solar equipment, which meets AE program requirements, includes 54 solar PV modules rated at 224 watts each and an associated the inverter rated at 96% efficiency. The rating of the photovoltaic system is 10.0 kW.

The City will not exceed the rebate offer of \$52,254.72 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.