



**Resource Management Commission**

Request for Letter of Intent for SOLA Management, LLC

November 18, 2008

Vote: 7-0-0-0-0

**Motion by:** R. Amato

**Second by:** A. Hardberger

**For:** F. Cohagan, L. Cunningham, C. Herbert, G Hsieh, J. Logan

**Against:** 0

**Abstain:** 0

**Absent:** 0

**Vacant:** 0

**Motion:** Passed

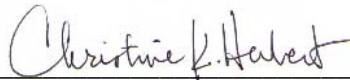
The Resource Management Commission supports the City's Commercial Energy Efficiency Programs and recommends that the City Council approve the issuance of a Letter of Intent in the amount of \$99,792 for the installation of a solar photovoltaic system for SOLA Management Company – 701 S. Lamar located at 701 S. Lamar in Austin, Texas, 78704. The total installed cost is estimated to be \$164,097.00. The rebate will cover approximately 57% of the installed cost. The rebate level for this project is \$4,500 per kW. The solar equipment, which meets all Austin Energy program requirements, includes a total of 110 solar modules rated at 210 watts each, and the associated inverter is rated at 96% efficiency. A total of 19.2 kW in demand savings is expected.

This energy improvement will save an estimated 30,952 kWh per year and produce an estimated 31 Renewable Energy Credits per year. These savings are equivalent to:

Planting 686 trees or 34 acres of forest in Austin's parks.
The removal of 35,149 vehicle miles or 4 cars from Austin's busy roadways.
This project will effectively provide electricity to 3 average homes in Austin for a year.
This project will save 20 tons of Carbon Dioxide (CO <sub>2</sub> ); 25.2 pounds of Sulfur Dioxide (SO <sub>2</sub> ); 27.9 pounds of Nitrogen Oxide (NOX), and 19 pounds of Carbon Monoxide (CO) from being emitted into Austin's 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.

  
Approved, Chris Herbert, Chair

November 18, 2008