



Resource Management Commission
Request for Letter of Intent for *Riverside Chevron Station*

July 15, 2008

Vote: 7-0-1-0-0

Motion by: A. Martinez

Second by: L. Cunningham

For: F. Cohagan, R. Amato, C. Herbert, J. Beckage, G. Hsieh

Against: 0

Abstain: J. Logan

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 \$52,254.72** for the installation of a solar photovoltaic system for the **Riverside Chevron Station located at 400 S. Congress in Austin, Texas, 78704**. The **total installed cost** is estimated to be **\$91,300**. 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 **54 solar modules rated at 224 watts each and associated inverters rated at 96% efficiency**. A total of **10.0 kW in demand savings** is expected.

This energy improvement will **save an estimated 16,468 kWh per year** and produce an estimated **16 Renewable Energy Credits** per year. These savings are equivalent to:

Planting 365 trees or 18 acres of forest in Austin's parks.
The removal of 18,701 vehicle miles or 2 cars from Austin's busy roadways.
This project will effectively provide electricity to 1 average home in Austin for a year.
This project 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 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, Jeff Beckage, Chair

July 15, 2008