



Resource Management Commission
Request for Letter of Intent for **The Overlook at Rob Roy**
October 21, 2008
Vote: 5-1-0-1-0

Motion by: G. Hsieh
Second by: R. Amato
For: C. Herbert, F. Cohagan, A. Hardberger
Against: J. Logan
Abstain: 0
Absent: L. Cunningham
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 \$98,842.50** for the installation of a solar photovoltaic system for ***The Overlook at Rob Roy located at 6836 Bee Cave Road.*** The ***total installed cost*** is estimated to be ***\$201,911.81***. The ***rebate will cover approximately 49%*** 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 ***100 solar modules rated at 230 watts each, and associated inverters are rated at 95.5% efficiency.*** A total of ***19.1 kW in demand savings*** is expected.

This energy improvement will ***save an estimated 30,474 kWh per year*** and produce an estimated ***30 Renewable Energy Credits*** per year. These savings are equivalent to:

Planting <i>676 trees or 34 acres of forest</i> in Austin's parks.
The <i>removal of 34,606 vehicle miles or 4 cars</i> from Austin's busy roadways.
This project will <i>effectively provide electricity to 3 average home in</i> Austin for a year.
This project will <i>save 19.7 tons of Carbon Dioxide (CO₂); 24.9 pounds of Sulfur Dioxide (SO₂); 27.5 pounds of Nitrogen Oxide (NOX), and 19 pounds of Carbon Monoxide (CO)</i> 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, Christine Herbert, Chair

October 21, 2008