



Thursday, September 28, 2006

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**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 \$69,120 to BARR MANSION, Austin, TX, for the installation of a solar photovoltaic system at their facility located at 10463 Sprinkle Road.

**Amount and Source of Funding:** Funding is available in the amount of \$69,120 in the Fiscal Year 2005-2006 Amended 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.

**Additional Backup  
Material**

(click to open)

**RMC Recommend**

**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 requests authorization to issue a Letter of Intent in the amount of \$69,120 to Barr Mansion 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 Austin Energy's comprehensive Strategic Plan approved in December 2003.

Barr Mansion is located at 10463 Sprinkle Road. The solar equipment, which meets all Austin Energy program requirements, includes 120 solar modules rated at 150 watts each, and the associated inverter is rated at 96% efficiency. The solar photovoltaic equipment installed is estimated to provide yearly energy savings of 23,584 kWh.

The City will not exceed the rebate offer of \$69,120.00 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.



**Resource Management Commission**  
**Request for Solar Letter of Intent for Barr Mansion**  
August 15, 2006  
Vote: 6-0-0-3-0

**Motion by:** K. Strnad  
**Second by:** G. Hsieh  
**For:** A. Donoho, C. Herbert, A. Martinez, J. Beckage  
**Against:** 0  
**Abstain:** 0  
**Absent:** R. Amato, J. Hoffner, C. Barron  
**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 \$69,120.00 for the installation of a solar photovoltaic system for the Barr Mansion, located at 10463 Sprinkle Road in Austin, Texas. The total installed cost is estimated to be \$115,205.00. The rebate will cover approximately 60% of the installed cost. The rebate level for this project is \$4,000 kW. The solar equipment, which meets all Austin Energy program requirements, includes a total of 120 solar modules rated at 150 watts each, and the associated inverter is rated at 96% efficiency. A total of 17.3 kW in demand savings is expected.

This energy improvement will save an estimated 23,584 kWh per year and produce an estimated 24 Renewable Energy Credits per year. These savings are equivalent to an estimated 26,349 vehicle miles traveled, the removal of 3 cars from our roadways, or the planting of 515 trees.

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.

  
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Approved, Adán Martínez, Chair

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August 15, 2006  
Date