



**Energy Rebate
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 5
AGENDA DATE: Thu 02/16/2006
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SUBJECT: Approve the issuance of a Letter of Intent for a solar rebate in the amount of \$86,751 to STAR GYMNASTICS, DANCE & CHEER, Austin, TX, for the installation of a solar photovoltaic system at their facility located at 3100 West Slaughter Lane.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$86,751 is available in the Fiscal Year 2005-2006 Amended Operating Budget of the Conservation Rebates and Incentive Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

REQUESTING Austin Energy
DEPARTMENT:

**DIRECTOR'S
AUTHORIZATION:** Juan Garza

FOR MORE INFORMATION CONTACT: Fred Yebra, Director, Demand Side Management / 482-5305; Leslie Libby, Solar Rebate Program Manager / 482-5390

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: Recommended by the Resource Management Commission.

Austin Energy requests authorization to issue a Letter of Intent for a solar rebate in the amount of \$86,751 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.

Star Gymnastics, Dance & Cheer is located at 3100 W. Slaughter Lane and the solar equipment, which meets all Austin Energy program requirements, includes 108 solar modules rated at 170 watts each and its associated inverter rated at 94.5% efficient. The solar photovoltaic equipment installed is estimated to provide yearly energy savings of 24,108 kWh.

The City will not exceed the maximum incentive offer of \$86,751 should the final installed measures be eligible for a higher rebate at the time of the inspection due to changes in quantity or efficiency of equipment.



Resource Management Commission
Request for Letter of Intent for Star Gymnastics & Dance
January 17, 2005
Vote: 8-0-0-1-0

Motion by: A. Martinez
Second by: C. Barron
For: A. Donoho, K. Strnad, R. Amato, D. Venhuizen, J. Hoffner, G. Hsieh
Against: 0
Abstain: 0
Absent: J. Beckage
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 \$86,751.00 for the installation of a solar photovoltaic system for the Star Gymnastics & Dance located at 3100 W. Slaughter Lane, Building B. The total installed cost is estimated to be \$118,987. The rebate will cover approximately 73% of the installed cost. The solar equipment, which meets all Austin Energy program requirements, includes 108 solar modules rated at 170 watts each and its associated inverter rated at 94.5% efficient. A total of 17.3 kW savings is expected.

This energy improvement will save an estimated 24,108 kWh per year and produce an estimated 24 Renewable Energy Credits annually. These savings are equivalent to an estimated 26,934 vehicle miles traveled, the removal of 3 cars from our roadways, or the planting of 526 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 rebates. Funds for this rebate will come from the existing commercial rebate budget; therefore there is no anticipated fiscal impact.



Approved, Adán Martínez, Chair

January 17, 2006

