

A G E N D A



Recommendation for Council Action

Austin City Council

Item ID

7858

Agenda Number

<ITEM_OUTLINE>

Meeting Date:

8/4/2011

Department:

Austin Energy

Subject

Approve issuance of a rebate to CJUF II STRATUS BLOCK 21 LLC for the installation of energy efficient equipment in an amount not to exceed \$63,474.88.

Amount and Source of Funding

Funding is available in the Fiscal Year 2010-2011 Operating Budget of Austin Energy, Conservation Rebates and Incentive Fund.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:

Prior Council Action:

For More Information: Fred Yebra, P.E., Director, Energy Efficiency Services, at 482-5305 or Scott Jarman, Engineering Supervisor, at 482-5307.

Boards and Commission Action:

To be reviewed by the Electric Utility Commission on July 18, 2011 and by the Resource Management Commission on July 19, 2011.

MBE / WBE:

Related Items:

Additional Backup Information

Austin Energy requests authorization to issue a rebate to CJUF II STRATUS BLOCK 21 LLC in the amount of \$63,474.88 for the installation of High Efficiency Lighting, Transformers, Air Handling Units and Chilled Water Pump Variable Frequency Drives, Custom Technology-Outdoor Air Requirements (ASHRAE 62.1), and Custom Technology CO₂ Demand Control Ventilation in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Energy Resource Plan, approved in December 2003 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

This facility, located at 200 Lavaca Street in Austin, Texas, includes the W Austin Hotel and Residences. The demand (kW) savings associated with the high efficiency equipment installed in this project is estimated at 294.53 kW, at a program cost of \$215.51 per kilowatt saved. The avoided kWh, estimated at 1,248,620 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 749.8 metric tons of Carbon Dioxide (CO₂), 0.473 metric tons of Sulfur Dioxide (SO₂), and 0.523 metric tons of

Nitrogen Oxides (NOX).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 1,683,368 vehicle miles traveled, the removal of 143 cars from our roadways, or the planting of 19,261 trees or 963 acres of forest in Austin's parks.