

AGENDA



Thursday, January 14, 2010

**Austin Energy
RECOMMENDATION FOR COUNCIL ACTION****Item No. 2**

Subject: Approve issuance of a rebate to Leander Independent School District – Four Points Middle School, for the installation of energy efficient equipment in an amount not to exceed \$55,638.

Amount and Source of Funding: Funding is available in the Fiscal Year 2009-2010 Operating Budget of Austin Energy, Conservation Rebates and Incentives Fund.

Fiscal Note: There is no unanticipated fiscal impact. A fiscal note is not required.

For More Information: Fred Yebra, P.E., Director, Energy Efficiency Services, 482-5305; Steve Saenz, Unit Manager, 482-5325.

Boards and Commission Action: Recommended by the Electric Utility Commission and the Resource Management Commission.

Austin Energy requests authorization to issue a rebate, in an amount not to exceed \$55,638, to Leander Independent School District - Four Points Middle School for the installation of an energy efficient air-cooled chiller, high efficiency lighting, high efficiency transformers, high efficiency DX air-conditioning equipment, water source heat pumps, and energy recovery ventilators, 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.

Four Points Middle School is located at 9700 McNeil Drive in Austin, Texas. The demand (kW) savings associated with the high efficiency equipment installed in this project is estimated at 266.25 kW, at a program cost of \$208.97 per kilowatt saved. The avoided kWh, estimated at 407,640 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 119.9 metric tons of Carbon Dioxide (CO₂), 0.08 metric tons of Sulfur Dioxide (SO₂), and 0.08 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 462,915 vehicle miles traveled, the removal of 57.8 cars from our roadways, or the planting of 9,040 trees or 452 acres of forest in Austin's parks.