

AGENDA



Thursday, February 10, 2011

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

Subject: Approve issuance of a rebate to Del Valle I.S.D. for the installation of energy efficient equipment at Dailey Middle School in an amount not to exceed \$77,146.

Amount and Source of Funding: Funding is available in the Fiscal Year 2010-2011 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, at 482-5305 or Steve Saenz, Unit Manager, at 482-5325.

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

Austin Energy's Energy Efficiency Services requests authorization to issue a rebate to Del Valle I.S.D.- Dailey Middle School in the amount of \$77,146 for the installation of High Efficiency Lighting, Chiller, DX A/C, Water Source Heat Pumps, Motors, VFD's, Transformers and Heat Recovery Units at Dailey Middle School 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.

Dailey Middle School is located at 14000 Westall Street in Austin, Texas. The demand (kW) savings associated with the high efficiency equipment installed in this project is estimated at 300 kW, at a program cost of \$257.10 per kilowatt saved. The avoided kWh, estimated at 459,792 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 304 metric tons of Carbon Dioxide (CO₂), 0.19 metric tons of Sulfur Dioxide (SO₂), and 0.21 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 619,884 vehicle miles traveled, the removal of 52.9 cars from our roadways, or the planting of 7,093 trees or 355 acres of forest in Austin's parks.