

SUBJECT: Approve issuance of a rebate to Leander I.S.D., Vandergrift High School for the installation of energy efficient equipment in an amount not to exceed \$140,708.01.

AMOUNT & 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.

FOR MORE INFORMATION CONTACT: Fred Yebra, P.E., Director, Energy Efficiency Services, at 482-5305 or Steve Saenz, Unit Manager, at 482-5325.

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on February 21, 2011 and by the Resource Management Commission on February 15, 2011.

Austin Energy's Energy Efficiency Services requests authorization to issue a rebate to Leander I.S.D., Vandergrift High School in the amount of \$140,708.01 for the installation of High Efficiency Lighting, Chiller, Direct Expansion Air-Conditioning Systems, Water Source Heat Pumps, Motors, Variable Frequency Drives, Transformers and Heat Recovery Units 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.

Vandergrift High School is located at 9500 McNeil Drive in Austin, Texas. The demand (kW) savings associated with the high efficiency equipment installed in this project is estimated at 483 kW, at a program cost of \$291.17 per kilowatt saved. The avoided kWh, estimated at 662,828 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 398 metric tons of Carbon Dioxide (CO₂), 0.251 metric tons of Sulfur Dioxide (SO₂), and 0.277 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 893,613 vehicle miles traveled, the removal of 76.2 cars from our roadways, or the planting of 10,225 trees or 511 acres of forest in Austin's parks.