

SUBJECT: Approve issuance of a rebate to Data Foundry (Texas 1) for the installation of energy efficient equipment in an amount not to exceed \$61,180.85.

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 Scott Jarman, Engineering Supervisor, at 482-5307.

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on August 15, 2011 and by the Resource Management Commission on August 16, 2011.

Austin Energy's Energy Efficiency Services requests authorization to issue a rebate to Data Foundry (Texas 1) in the amount of \$61,180.85 on the installation of High Efficiency Lighting, Variable Frequency Drives, Computer Room Air Handlers, Cooling Towers, Custom Technology - Uninterrupted Power Supply, Chillers, NEMA Premium Motors, and Transformers 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.

Data Foundry (Texas 1) is located at 4100 Smith School Road in Austin, Texas. The demand (kW) savings associated with the high efficiency equipment installed in this project is estimated at 272.46 kW, at a program cost of \$224.55 per kilowatt saved. The avoided kWh, estimated at 2,170,323.80 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 1,303.2 metric tons of Carbon Dioxide (CO₂), 0.822 metric tons of Sulfur Dioxide (SO₂), and 0.908 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 2,925,993 vehicle miles traveled, the removal of 250 cars from our roadways, or the planting of 33,480 trees or 1,674 acres of forest in Austin's parks.

RCA PROJECT FACT SHEET

Customer Name: Data Foundry (Texas 1)

File Number: 11234

Facility Address: 4100 Smith School Road, Austin, Texas 78744

Customer Contact: Cameron Wynne, (512) 684-9640

Estimated Rebate: \$ 61,180.85

Equipment Installed: High Efficiency Lighting, Variable Frequency Drives, Computer Room Air Handlers, Cooling Towers, Custom Technology- Uninterrupted Power Supply, Chillers, NEMA Premium Motors, and Transformers

Demand Savings: 272.46 kW

KWh Savings: 2,170,323.80 kWh

Cost per kW: \$ 224.55

Estimated Project Cost: \$ 150,000,000.00

Estimated Completion Date: June 2011

Site Information: Data Foundry (Texas 1) is located at 4100 Smith School Road, Austin, Texas 78744. The site is a data storage facility.

Comments:

Data Foundry (Texas 1) is located at 4100 Smith School Road. It contains approximately 130,000 square feet. The master planned data center is the only purpose-built, carrier-neutral data center in the Central Texas Region. This project utilized multiple energy efficiency technologies to help manage energy consumption.