

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 12/12/2013

SUBJECT: Approve issuance of a rebate to US Farathane Corporation, for the installation of energy efficient equipment, in an amount not to exceed \$70,498.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2013-2014 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Debbie Kimberly, Vice-President, Distributed Energy Services at 512-322-6327 or Scott Jarman, P.E., Consulting Engineer, Energy Efficiency Services, at 482-5307.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on November 18, 2013 and by the Resource Management Commission on November 19, 2013.

Austin Energy requests authorization to issue a rebate to US Farathane Corporation in an amount not to exceed \$70,498 for the installation of an Energy Efficient Chiller, Cooling Towers, DX Air Conditioning units, Variable Frequency Drives, and additional Roofing Insulation in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation, and Climate Protection Plan to 2020, approved in April 2010 by City Council, and designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

US Farathane Corporation's facility is located at 820 W. Howard Lane, Austin, Texas 78753. The demand (kilowatt) savings associated with this energy efficiency project is estimated at 175.43 kilowatts (kW), at a program cost of \$401.85 per kW saved. The avoided kilowatt hours (kWh), estimated at 604,930 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 363.2 metric tons of Carbon Dioxide (CO₂), 0.229 metric tons of Sulfur Dioxide (SO₂), and 0.253 metric tons of Nitrogen Oxides (NOX).

In addition to the reduced air and toxic metals pollution, the project savings are equivalent to an estimated 815,556 vehicle miles traveled, the removal of 69 cars from our roadways, or the planting of 9,332 trees or 467 acres of forest in Austin's parks. The project will also generate approximately 272,219 gallons of water savings at the power plant.