

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

AGENDA DATE: 03-28-2013

SUBJECT: Authorize negotiation and execution of an agreement with Pflugerville Independent School District to provide a performance-based incentive for the generation of solar energy at Dessau Elementary School located at 1501 Dessau Ridge Lane, Austin, Texas 78754, for an estimated \$41,897 per year, for a total amount not to exceed \$418,970 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$41,897 is available in the Fiscal Year 2012-2013 Operating Budget of Austin Energy.

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

FOR MORE INFORMATION CONTACT: Jeff Vice 322-6087, Debbie Kimberly 322-6327, Leslie Libby 482-5390.

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

Austin Energy requests authorization to enter into an agreement with Pflugerville Independent School District, to provide a performance-based incentive (PBI) for an estimated \$41,897 per year, for a total amount not to exceed \$418,970 over the 10-year period for the generation of solar energy at Dessau Elementary School located at 1501 Dessau Ridge Lane, Austin, Texas 78754.

The total installation cost is \$540,000 and the incentive will cover between 74% and 78% of the cost. The PBI level for this project is \$0.14 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 720 solar modules rated at 300 watts and associated inverters rated at 97.5% efficiency. A total of 166.32 kW-AC in demand savings is expected.

This project involves a third party equipment lease. To further encourage participation in the solar PBI program by not-for-profits, including school districts, Austin Energy allows the photovoltaic (PV) system to be installed under a third party equipment lease. This program helps address the long standing issue whereby not-for-profits are ineligible for IRS benefits such as tax credits and accelerated depreciation. The first PBI involving leased equipment was approved by Council in December 2012.

This energy improvement will save an estimated 285,015 kWh per year—enough to provide electricity to 25 average Austin homes for a year—and produce an estimated 285 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 4,397 trees or 220 acres of forest in Austin's parks or the removal of 384,252 vehicle miles or 33 cars from Austin roadways. This project will save 189 tons of Carbon Dioxide (CO₂); 238 pounds of Sulfur Dioxide (SO₂); 263 pounds of Nitrogen Oxide (NO_x), and 183 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.