

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

AGENDA DATE: 12-12-2013

SUBJECT: Authorize negotiation and execution of an agreement with Austin Central/Texas Realty Information Service, to provide a performance-based incentive for the generation of solar energy at its facility located at 4800 Spicewood Springs Rd., Austin, Texas 78759, for an estimated \$16,590 per year, for a total amount not to exceed \$165,900 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$16,590 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: Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Kurt Stogdill, Interim Solar Program Manager (512) 322-6510.

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

Austin Energy requests authorization to enter into an agreement with Austin Central/Texas Realty Information Service, to provide a performance-based incentive (PBI) for an estimated \$16,590 per year, for a total amount not to exceed \$165,900 over the 10-year period for the generation of solar energy at its regional distribution facility located at 4800 Spicewood Springs Rd., Austin, Texas 78759.

The total installation cost is \$310,242 and the incentive will cover between 51% and 53% of the cost. The PBI level for this project is \$0.12 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 330 solar modules rated at 295 watts and associated inverters rated at 96% efficiency. A total of 75 kW-AC in demand savings is expected.

This energy improvement will save an estimated 131,660 kWh per year—enough to provide electricity to 12 average Austin homes for a year—and produce an estimated 132 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 2,031 trees or 102 acres of forest in Austin's parks or the removal of 177,502 vehicle miles or 15 cars from Austin roadways. This project will save 87 tons of Carbon Dioxide (CO₂); 110 pounds of Sulfur Dioxide (SO₂); 121 pounds of Nitrogen Oxide (NOX); and 84 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and will save 59,247 gallons of water at the generation power plant (evaporation only).