

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

AGENDA DATE: 9-26-2013

SUBJECT: Authorize negotiation and execution of an agreement with Western Will Properties, to provide a performance-based incentive for the generation of solar energy at its facility located at 2555 Western Trails Bend, Austin, Texas 78745, for an estimated \$9,963 per year, for a total amount not to exceed \$99,630 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$9,963 is included in the proposed 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 September 16, 2013, and the Resource Management Commission on September 17, 2013.

Austin Energy requests authorization to enter into an agreement with Western Will Properties, to provide a performance-based incentive (PBI) for an estimated \$9,963 per year, for a total amount not to exceed \$99,630 over the 10-year period for the generation of solar energy at its facility located at 2555 Western Trails Bend, Austin, Texas 78745.

The total installation cost is \$191,620 and the incentive will cover between 50% and 52% 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 220 solar modules rated at 260 watts and associated inverters rated at 98% efficiency. A total of 44 kW-AC in demand savings is expected.

This energy improvement will save an estimated 79,064 kWh per year—enough to provide electricity to 5 average Austin homes for a year—and produce an estimated 79 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 956 trees or 48 acres of forest in Austin's parks or the removal of 83,586 vehicle miles or 7 cars from Austin roadways. This project will save 41 tons of Carbon Dioxide (CO₂); 52 pounds of Sulfur Dioxide (SO₂); 57 pounds of Nitrogen Oxide (NO_x); and 40 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.