

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

**AGENDA DATE: 9-26-2013**

**SUBJECT:** Authorize negotiation and execution of an agreement with Feather & Fur Animal Hospital, to provide a performance-based incentive for the generation of solar energy at its facility located at 9125 Manchaca Rd., Austin, Texas 78748, for an estimated \$6,057 per year, for a total amount not to exceed \$60,570 over a 10-year period.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$6,057 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.

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Austin Energy requests authorization to enter into an agreement with Feather & Fur Animal Hospital, to provide a performance-based incentive (PBI) for an estimated \$6,057 per year, for a total amount not to exceed \$60,570 over the 10-year period for the generation of solar energy at its facility located at 9125 Manchaca Rd., Austin, Texas 78748.

The total installation cost is \$118,959 and the incentive will cover between 48% and 51% 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 134 solar modules rated at 265 watts and associated inverters rated at 98% efficiency. A total of 27 kW-AC in demand savings is expected.

This energy improvement will save an estimated 48,065 kWh per year—enough to provide electricity to 4 average Austin homes for a year—and produce an estimated 48 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 741 trees or 37 acres of forest in Austin's parks or the removal of 64,800 vehicle miles or 5 cars from Austin roadways. This project will save 32 tons of Carbon Dioxide (CO<sub>2</sub>); 40 pounds of Sulfur Dioxide (SO<sub>2</sub>); 44 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 31 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.