

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

AGENDA DATE: 03-07-2013

SUBJECT: Authorize negotiation and execution of an agreement with the Capitol Area Council, Boy Scouts of America to provide a performance-based incentive for the generation of solar energy at its facility located at 12500 North IH-35 in Austin, Texas, for an estimated \$16,074 per year, for a total amount not to exceed \$160,740 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$16,074 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 Resource Management Commission on February 19, 2013 and the Electric Utility Commission on February 25, 2013.

Austin Energy requests authorization to enter into an agreement with the Capitol Area Council, Boy Scouts of America, to provide a performance-based incentive (PBI) for an estimated \$16,074 per year, for a total amount not to exceed \$160,740 over the 10-year period for the generation of solar energy at its facility located at 12500 North IH 35, Austin, Texas 78753.

The total cost is \$239,904.17 and the incentive will cover between 58% and 67% 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 310 solar modules rated at 250 watts and associated inverters rated at 96% and 98% efficiency. A total of 59.68 kW-AC in demand savings is expected.

This energy improvement will save an estimated 99,837 kWh per year—enough to provide electricity to nine average Austin homes for a year—and produce an estimated 100 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,540 trees or 75 acres of forest in Austin's parks or the removal of 134,599 vehicle miles or 12 cars from Austin roadways. This project will save 66 tons of Carbon Dioxide (CO₂); 83 pounds of Sulfur Dioxide (SO₂); 92 pounds of Nitrogen Oxide (NOX), and 64 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.