CITY OF AUSTIN – AUSTIN ENERGY **AGENDA DATE: 1-17-2013**
RECOMMENDATION FOR COUNCIL ACTION

SUBJECT: Approve the issuance of a Performance Based Incentive to the Housing Authority of the City of Austin for the generation of solar energy at its facilities located at 2300 North Loop, Austin, Texas, for an estimated $28,900 per year, for a total amount not to exceed $289,000 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of $28,900 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: Leslie Libby, Solar Program Manager, 482-5390; Scott Jarman, Interim Director of Energy Efficiency Services, 482-5307.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on December 17, 2012 and the Resource Management Commission on December 18, 2012.

Austin Energy requests authorization to issue a letter of intent for a performance based incentive (PBI) to the Housing Authority of the City of Austin, for an estimated $28,900 per year, not to exceed $289,000 over the 10-year agreement for the generation of solar energy at 2300 North Loop, Austin, Texas 78756. The total cost is $1,488,269 and the incentive will cover between 17% and 19% 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 611 solar modules rated at 215 watts and associated inverters rated at 95.5% efficiency. A total of 101.2 kW-AC in demand savings is expected.

This energy improvement will save an estimated 178,981 kWh per year—enough to provide electricity to 16 average Austin homes for a year—and produce an estimated 179 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 2,761 trees or 138 acres of forest in Austin's parks or the removal of 241,299 vehicle miles or 20.6 cars from Austin roadways. This project will save 107.5 tons of Carbon Dioxide (CO2); 149 pounds of Sulfur Dioxide (SO2); 165 pounds of Nitrogen Oxide (NOX), and 115 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.