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

SUBJECT: Approve the issuance of a Performance Based Incentive to Foundation Communities-Garden Terrace for the generation of solar energy at its facility located at 1015 W. William Cannon Drive, Austin, Texas, for an estimated $11,700 per year, for a total amount not to exceed $117,000 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of $11,700 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 Foundation Communities-Garden Terrace, for an estimated $11,700 per year, for a total amount not to exceed $117,000 over the 10-year agreement, for the generation of solar energy at 1015 W. William Cannon Drive, Austin, Texas 78745. The total cost is $181,163 and the incentive will cover between 56% and 64% 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 819 solar modules rated at 245 watts and associated inverters rated at 96% efficiency. A total of 44.1 kW-AC in demand savings is expected.

This energy improvement will save an estimated 72,375 kWh per year—enough to provide electricity to 6 average Austin homes for a year—and produce an estimated 72 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,116 trees or 56 acres of forest in Austin's parks or the removal of 97,575 vehicle miles or 8 cars from Austin roadways. This project will save 48 tons of Carbon Dioxide (CO2); 60 pounds of Sulfur Dioxide (SO2); 67 pounds of Nitrogen Oxide (NOX), and 46 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.