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-Shady Oaks Housing for the generation of solar energy at its facilities located at 4320 S. Congress Ave., Austin, Texas, for an estimated $12,300 per year, for a total amount not to exceed $123,000 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of $12,300 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-Shady Oaks Housing, for an estimated $12,300 per year, not to exceed $123,000 over the 10-year agreement, for the generation of solar energy at 4320 S. Congress Ave., Austin, Texas 78745. The total cost is $180,325 and the incentive will cover between 59% and 68% 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 235 solar modules rated at 245 watts and associated inverters rated at 96% efficiency. A total of 44.3 kW-AC in demand savings is expected.

This energy improvement will save an estimated 75,450 kWh per year—enough to provide electricity to 7 average Austin homes for a year—and produce an estimated 75 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,164 trees or 58 acres of forest in Austin's parks or the removal of 101,720 vehicle miles or 9 cars from Austin roadways. This project will save 50 tons of Carbon Dioxide (CO2); 63 pounds of Sulfur Dioxide (SO2); 70 pounds of Nitrogen Oxide (NOX), and 48 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.