CITY OF AUSTIN – AUSTIN ENERGY **AGENDA DATE: 06-06-2013**
RECOMMENDATION FOR COUNCIL ACTION

SUBJECT: Authorize negotiation and execution of an agreement with St. David's Episcopal Church, to provide a performance-based incentive for the generation of solar energy at its facility located at 308 E. 8th St., Austin, Texas 78701, for an estimated $26,969 per year, for a total amount not to exceed $269,690 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of $26,969 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 Electric Utility Commission on May 20, 2013 and the Resource Management Commission on May 21, 2013.

Austin Energy requests authorization to enter into an agreement with St. David's Episcopal Church, to provide a performance-based incentive (PBI) for an estimated $26,969 per year, for a total amount not to exceed $269,690 over the 10-year period for the generation of solar energy at its facility located at 308 E. 8th St., Austin, Texas 78701.

The total installation cost is $683,928 and the incentive will cover between 38% and 39% 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 504 solar modules rated at 295 watts and associated inverters rated at 97.5% efficiency. A total of 114 kW-AC in demand savings is expected.

This energy improvement will save an estimated 183,460 kWh per year—enough to provide electricity to 16 average Austin homes for a year—and produce an estimated 183 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 2,830 trees or 142 acres of forest in Austin's parks or the removal of 247,338 vehicle miles or 21 cars from Austin roadways. This project will save 121 tons of Carbon Dioxide (CO2); 153 pounds of Sulfur Dioxide (SO2); 169 pounds of Nitrogen Oxide (NOX), and 118 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.