

**SUBJECT:** Approve the issuance of a Letter of Intent for a performance-based incentive (PBI) to TEXAS PARKS AND WILDLIFE DEPARTMENT, for the generation of solar energy at their facility located at 4200 SMITH SCHOOL ROAD, AUSTIN, TX 78744 for a total amount not to exceed \$170,000 over the 10-year period.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy, Conservation Rebates and Incentives Fund. Funding for the remaining nine years of the agreement is contingent upon available funding in future budgets.

**FISCAL NOTE:** There is no unanticipated fiscal impact. A fiscal note is not required.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Resource Management Commission on November 14, 2011 and the Electric Utility Commission on November 15, 2011.

**FOR MORE INFORMATION CONTACT:** Leslie Libby, Solar Program Manager, 482-5390; Fred Yebra, Director of Energy Efficiency Services, 482-5305.

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Austin Energy (AE) requests authorization to issue a letter of intent for a performance-based incentive (PBI) to TEXAS PARKS AND WILDLIFE DEPARTMENT for an amount not to exceed \$170,000 over the 10-year agreement for the generation of solar energy at 4200 SMITH SCHOOL ROAD, AUSTIN, TX 78744. The total cost is \$516,648.39 and the incentive will cover approximately 33% of the cost. The performance-based incentive 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 403 solar modules rated at 230 watts and associated inverters rated at 96% efficiency. A total of 71.4 kW in demand savings is expected.

This energy improvement will save an estimated 121,394 kWh per year—enough to provide electricity to 11 average Austin homes for a year—and produce an estimated 121 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,873 trees or 94 acres of forest in Austin's parks or the removal of 163,661 vehicle miles or 14 cars from Austin roadways. This project will save 73 tons of Carbon Dioxide (CO<sub>2</sub>); 101 pounds of Sulfur Dioxide (SO<sub>2</sub>); 112 pounds of Nitrogen Oxide (NOX), and 78 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.