

**SUBJECT:** Approve the issuance of Letters of Intent for rebates to LENNAR HOMES, Austin, TX, for the installation of solar energy systems designed to serve 10 new construction residential homes in the BRADSHAW CROSSING and COLARADO CROSSING developments for a total amount of \$83,481.30

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2011-2011 Operating Budget of Austin Energy, Conservation Rebates and Incentives Fund.

**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 May, 2012 and the Electric Utility Commission on May 21, 2012.

**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 letters of intent to LENNAR HOMES totaling \$83,481.30 for the installation of solar photovoltaic (PV) systems in the BRADSHAW CROSSING (78747) and COLARADO CROSSING (78744) housing developments. The total cost is estimated to be \$210,000 and the rebate will cover approximately 40% of the cost. The rebate level for this project is \$2,500 per kW. The solar equipment, which meets Austin Energy program requirements, includes a total of 190 solar modules rated at 185 watts and associated inverters rated 95% efficiency. A total of 27.1 kW in demand savings is expected.

This energy improvement will save an estimated 44,664 kWh per year—enough to provide electricity to 4 average Austin homes for a year—and produce an estimated 45 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 689 trees or 34 acres of forest in Austin's parks or the removal of 60,215 vehicle miles or 5 cars from Austin roadways. This project will save 27 tons of Carbon Dioxide (CO<sub>2</sub>); 37 pounds of Sulfur Dioxide (SO<sub>2</sub>); 41 pounds of Nitrogen Oxide (NOX), and 29 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.