AUSTIN CITY COUNCIL

AGENDA

Recommendation for Council Action

Austin City Council	**Item ID**	7859	**Agenda Number**	<ITEM_OUTLINE>
Meeting Date:	8/4/2011	**Department:**	Austin Energy	

Subject

Approve the issuance of a Letter of Intent for a rebate to LENNAR HOMES, Austin, TX, for the installation of solar energy systems designed to serve 12 new construction residential homes in the BRADSHAW CROSSING, COLORADO CROSSING, and STONEY RIDGE CROSSING SUBDIVISIONS, for a total amount of $119,999.25.

Amount and Source of Funding

Funding is available in the Fiscal Year 2010-2011 Operating Budget of Austin Energy, Conservation Rebates and Incentives Fund.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Leslie Libby, Solar Program Manager, 482-5390; Fred Yebra, Director of Energy Efficiency Services, 482-5305.
Boards and Commission Action:	To be reviewed by the Resource Management Commission on July 11, 2011and the Electric Utility Commission on July 12, 2011.
MBE / WBE:	
Related Items:	

Additional Backup Information

The total installed cost is estimated to be $252,646.43 and the rebate will cover approximately 47% of the cost. The rebate level for this project is $3,000 per kW. The solar equipment, which meets Austin Energy program requirements, includes a total of 100 solar modules rated at 175 watts, 133 solar modules rated at 185 watts, and associated inverters rated at 95% efficiency. A total of 34.9 kW in demand savings is expected.

This energy improvement will save an estimated 56,818 kWh per year—enough to provide electricity to six average Austin homes for a year—and produce an estimated 57 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,260 trees or 63 acres of forest in Austin's parks or the removal of 64,522 vehicle miles or 8 cars from Austin roadways. This project will save 37 tons of Carbon Dioxide (CO_2), 46 pounds of Sulfur Dioxide (SO_2), 51 pounds of Nitrogen Oxide (NOX), and 36 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.