

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	25223	Agenda Number	4.
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Meeting Date:	6/27/2013	Department:	Austin Energy
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## Subject

Authorize negotiation and execution of an agreement with the BARR MANSION, to provide a performance-based incentive for the generation of solar energy at 10463 Sprinkle Road, Austin, TX 78755, for an estimated \$11,665 per year, for a total amount not to exceed \$116,650 over a 10-year period.

## Amount and Source of Funding

Funding in the amount of \$11,665 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.

Purchasing Language:	
Prior Council Action:	
For More Information:	Jeff Vice 322-6087, Debbie Kimberly 322-6327, Leslie Libby 482-5390.
Boards and Commission Action:	June 17, 2013 - Unanimously approved by the Electric Utility Commission on a 7-0 vote. Recommendation No. 20130617-008. June 18, 2013 - Unanimously approved by the Resource Management Commission on a 4-0 vote. Recommendation No. 20130618-006.
MBE / WBE:	
Related Items:	

## Additional Backup Information

Austin Energy requests authorization to enter into an agreement with the BARR MANSION, to provide a performance-based incentive (PBI) for an estimated \$11,665 per year, for a total amount not to exceed \$116,650 over the 10-year period for the generation of solar energy at 10463 Sprinkle Road, Austin, TX 78755.

The total installation cost is \$350,000 and the incentive will cover between 34% 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 244 solar modules rated at 260 watts and associated inverters rated at 95% efficiency. A total of 48.9 kW-AC in demand savings is expected.

This energy improvement will save an estimated 79,355 kWh per year—enough to provide electricity to seven average Austin homes for a year—and produce an estimated 79 Renewable Energy Credits (RECs) per year. These savings are

equivalent to the planting of 1,224 trees or 61 acres of forest in Austin's parks or the removal of 106,985 vehicle miles or nine cars from Austin roadways. This project will save 53 tons of Carbon Dioxide (CO<sub>2</sub>); 66 pounds of Sulfur Dioxide (SO<sub>2</sub>); 73 pounds of Nitrogen Oxide (NO<sub>x</sub>), and 51 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.