

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	33773	Agenda Number	6.
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Meeting Date:	6/26/2014	Department:	Austin Energy
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## Subject

Authorize negotiation and execution of an agreement with Esperanza Hospitality, to provide a performance-based incentive for the generation of solar energy at its facility located at 2800 Esperanza Crossing in Austin, Texas, for an estimated \$6,821 per year, for a total amount not to exceed \$68,210 over a 10-year period.

## Amount and Source of Funding

Funding in the amount of \$6,821 is included in the proposed Fiscal Year 2013-2014 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, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Danielle Murray, Solar Program Manager (512) 322-6055.
Boards and Commission Action:	June 16, 2014 - Recommended by the Electric Utility Commission on a vote of 6-0; June 17, 2014 - Recommended by the Resource Management Commission on a vote of 5-0.
MBE / WBE:	
Related Items:	

## Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Esperanza Hospitality, to provide a performance-based incentive (PBI) for an estimated \$6,821 per year, for a total amount not to exceed \$68,210 over the 10-year period for the generation of solar energy at its facility located at 2800 Esperanza Crossing in Austin, Texas 78758.

The total installation cost is \$129,000 and the incentive will cover between 48% and 55% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 128 solar modules rated at 327 watts and associated inverters rated at 96.5% efficiency. A total of 32 kW-AC in demand savings is expected.

This energy improvement will save an estimated 62,007 kWh per year—enough to provide electricity to 5 average Austin homes for a year—and produce an estimated 62 Renewable Energy Credits (RECs) per year. These savings are

equivalent to the planting of 957 trees or 48 acres of forest in Austin's parks or the removal of 83,597 vehicle miles or 7 cars from Austin roadways. This project will save 41 tons of Carbon Dioxide (CO<sub>2</sub>); 52 pounds of Sulfur Dioxide (SO<sub>2</sub>); 57 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 40 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 27,903 gallons of water at the generation power plant (evaporation only).