

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	28372	Agenda Number	3.
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Meeting Date:	11/7/2013	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with HID Global, to provide a performance-based incentive for the generation of solar energy at its facility located at 611 Center Ridge Drive, Austin, Texas 78753, for an estimated \$42,179 per year, for a total amount not to exceed \$421,790 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$42,179 is available in the 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; Kurt Stogdill, Interim Solar Program Manager (512) 322-6510.
Boards and Commission Action:	October 21, 2013 - Recommended by the Electric Utility Commission.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with HID Global, to provide a performance-based incentive (PBI) for an estimated \$42,179 per year, for a total amount not to exceed \$421,790 over the 10-year period for the generation of solar energy at its regional distribution facility located at 611 Center Ridge Drive, Austin, Texas 78753.

The total installation cost is \$653,518 and the incentive will cover between 61% and 65% of the cost. The PBI level for this project is \$0.12 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 852 solar modules rated at 300 watts and associated inverters rated at 98% efficiency. A total of 200 kW-AC in demand savings is expected.

This energy improvement will save an estimated 334,752 kWh per year—enough to provide electricity to 30 average Austin homes for a year—and produce an estimated 335 Renewable Energy Credits (RECs) per year. These savings

are equivalent to the planting of 5,164 trees or 258 acres of forest in Austin's parks or the removal of 451,307 vehicle miles or 39 cars from Austin roadways. This project will save 222 tons of Carbon Dioxide (CO₂); 279 pounds of Sulfur Dioxide (SO₂); 309 pounds of Nitrogen Oxide (NO_x); and 215 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.