

**AGENDA**



**Recommendation for Council Action**

Austin City Council - Commissioner's Court Meeting	<b>Item ID</b>	34299	<b>Agenda Number</b>	11.
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<b>Meeting Date:</b>	8/7/2014	<b>Department:</b>	Austin Energy
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**Subject**

Authorize negotiation and execution of an agreement with PSW, to provide a performance-based incentive for the generation of solar energy at its facility located at 2501 Thornton Road, Austin, Texas, for an estimated \$26,914 per year, for a total amount not to exceed \$269,137 over a 10-year period.

**Amount and Source of Funding**

Funding in the amount of \$26,914 is included 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.

<b>Purchasing Language:</b>	
<b>Prior Council Action:</b>	
<b>For More Information:</b>	Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Manager, Solar Program (512) 322-6055.
<b>Boards and Commission Action:</b>	July 15, 2014 - Recommended by the Resource Management Commission on a vote of 6-0. July 21, 2014 - Recommended by the Electric Utility Commission on a vote of 7-0.
<b>MBE / WBE:</b>	
<b>Related Items:</b>	

**Additional Backup Information**

Austin Energy requests authorization to enter into an agreement with PSW, to provide a performance-based incentive (PBI) for an estimated \$26,914 per year, for a total amount not to exceed \$269,137 over the 10-year period for the generation of solar energy at its apartment facility located at 2501 Thornton Road, Austin, Texas 78704.

The total installation cost is \$776,314 and the incentive will cover between 30% and 35% 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 756 solar modules rated at 260 watts and associated inverters rated at 96% efficiency. A total of 151 kW-AC in demand savings is expected.

This energy improvement will save an estimated 234,032 kWh per year—enough to provide electricity to 21 average Austin homes for a year—and produce an estimated 234 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 3,610 trees or 181 acres of forest in Austin's parks or the removal of 315,518 vehicle miles or 27 cars from Austin roadways. This project will save 155 tons of Carbon Dioxide (CO<sub>2</sub>); 195 pounds of Sulfur Dioxide (SO<sub>2</sub>); 216 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 150 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 105,314 gallons of water at the generation power plant.