

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	29148	Agenda Number	4.
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Meeting Date:	12/12/2013	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Expo 2 Partners, Ltd., to provide a performance-based incentive for the generation of solar energy at its facility located at 6411 Burleson Road, Austin, Texas 78744, for an estimated \$41,599 per year, for a total amount not to exceed \$415,990 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$41,599 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:	November 18, 2013 - Recommended by the Electric Utility Commission; November 19, 2013- Recommended by the Resource Management Commission.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Expo 2 Partners, Ltd, to provide a performance-based incentive (PBI) for an estimated \$41,599 per year, for a total amount not to exceed \$415,990 over the 10-year period for the generation of solar energy at its regional distribution facility located at 6411 Burleson Rd, Austin, Texas 78744.

The total installation cost is \$687,940 and the incentive will cover between 58% and 60% 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 880 solar modules rated at 295 watts and associated inverters rated at 96% efficiency. A total of 200 kW-AC in demand savings is expected.

This energy improvement will save an estimated 330,147 kWh per year—enough to provide electricity to 29 average Austin homes for a year—and produce an estimated 330 Renewable Energy Credits (RECs) per year. These savings

are equivalent to the planting of 5,093 trees or 255 acres of forest in Austin's parks or the removal of 445,098 vehicle miles or 38 cars from Austin roadways. This project will save 219 tons of Carbon Dioxide (CO₂); 276 pounds of Sulfur Dioxide (SO₂); 305 pounds of Nitrogen Oxide (NOX); and 212 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and will save 148,566 gallons of water at a generation power plant.