

**AGENDA**



**Recommendation for Council Action**

Austin City Council	Item ID	28369	Agenda Number	2.
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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 Apple Inc., to provide a performance-based incentive for the generation of solar energy at its facility located at 5501 West Parmer Lane, Austin, Texas 78727, for an estimated \$41,726 per year, for a total amount not to exceed \$417,260 over a 10-year period.

**Amount and Source of Funding**

Funding in the amount of \$41,726 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:	
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Prior Council Action:	
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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.
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Boards and Commission Action:	October 21, 2013 - Recommended by the Electric Utility Commission.
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MBE / WBE:	
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Related Items:	
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**Additional Backup Information**

Austin Energy requests authorization to enter into an agreement with Apple Inc. to provide a performance-based incentive (PBI) for an estimated \$41,726 per year, for a total amount not to exceed \$417,260 over the 10-year period for the generation of solar energy at its regional distribution facility located at 5501 West Parmer Lane, Austin, Texas 78727.

The total installation cost is \$880,424 and the incentive will cover between 45% and 47% 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 912 solar modules rated at 285 watts and associated inverters rated at 97.5% efficiency. A total of 200 kW-AC in demand savings is expected.

This energy improvement will save an estimated 331,156 kWh per year—enough to provide electricity to 29 average Austin homes for a year—and produce an estimated 340 Renewable Energy Credits (RECs) per year. These savings

are equivalent to the planting of 5,108 trees or 255 acres of forest in Austin's parks or the removal of 446,459 vehicle miles or 38 cars from Austin roadways. This project will save 219 tons of Carbon Dioxide (CO<sub>2</sub>); 276 pounds of Sulfur Dioxide (SO<sub>2</sub>); 306 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 212 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.