

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	30395	Agenda Number	6.
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Meeting Date:	2/13/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Target – South Park Meadows, to provide a performance-based incentive for the generation of solar energy at its facility located at 9500 South I-35, Suite G, Austin, Texas 78748, for an estimated \$42,425 per year, for a total amount not to exceed \$424,250 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$42,425 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:	January 21, 2014 - Recommended by the Resource Management Commission; January 27, 2014 - Recommended by the Electric Utility Commission.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Target – South Park Meadows, to provide a performance-based incentive (PBI) for an estimated \$42,425 per year, for a total amount not to exceed \$424,250 over the 10-year period, for the generation of solar energy at its facility located at 9500 South I-35, Suite G; Austin, Texas 78748.

The total installation cost is \$537,263 and the incentive will cover between 75% and 79% 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 799 solar modules rated at 300 watts and associated inverters rated at 98% efficiency. A total of 185 kW-AC in demand savings is expected.

This energy improvement will save an estimated 336,700 kWh per year—enough to provide electricity to 30 average Austin homes for a year—and produce an estimated 337 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,194 trees or 260 acres of forest in Austin's parks or the removal of 453,933 vehicle miles or 39 cars from Austin roadways. This project will save 223 tons of Carbon Dioxide (CO₂); 281 pounds of Sulfur Dioxide (SO₂); 311 pounds of Nitrogen Oxide (NO_x); and 216 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 151,515 gallons of water at the generation power plant.