

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	33806	Agenda Number	7.
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Meeting Date:	6/26/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Goodwill Industries of Central Texas to provide a performance-based incentive for the generation of solar energy at its facility located at 8965 Research Boulevard in Austin, Texas, for an estimated \$18,304 per year, for a total amount not to exceed \$183,040 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$18,304 is included in the proposed 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; Danielle Murray, Solar Program Manager (512) 322-6055.
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Boards and Commission Action:	June 16, 2014 - Recommended by the Electric Utility Commission on a vote of 6-0; June 17, 2014 - Recommended by the Resource Management Commission on a vote of 5-0.
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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 Goodwill Industries of Texas, to provide a performance-based incentive (PBI) for an estimated \$18,304 per year, for a total amount not to exceed \$183,040 over the 10-year period for the generation of solar energy at its facility located at 8965 Research Boulevard in Austin, Texas 78758.

The total installation cost is \$350,000 and the incentive will cover between 48% and 52% 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 422 solar modules rated at 315 and 240 watts and associated inverters rated at 97.5% and 95.5% efficiency. A total of 101 kW-AC in demand savings is expected.

This energy improvement will save an estimated 166,392 kWh per year—enough to provide electricity to 15 average Austin homes for a year—and produce an estimated 166 Renewable Energy Credits (RECs) per year. These savings

are equivalent to the planting of 2,567 trees or 128 acres of forest in Austin's parks or the removal of 224,327 vehicle miles or 19 cars from Austin roadways. This project will save 110 tons of Carbon Dioxide (CO₂); 139 pounds of Sulfur Dioxide (SO₂); 154 pounds of Nitrogen Oxide (NO_x); and 107 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 74,876 gallons of water at the generation power plant (evaporation only).