

A G E N D A



Recommendation for Council Action

Austin City Council		Item ID	33807	Agenda Number	8.
Meeting Date:	6/26/2014		Department:	Austin Energy	
Subject					
Authorize negotiation and execution of an agreement with Goodwill Industries of Texas to provide a performance-based incentive for the generation of solar energy at its facility located at 9111 S. 1st Street in Austin, Texas, for an estimated \$7,865 per year, for a total amount not to exceed \$78,650 over a 10-year period.					
Amount and Source of Funding					
Funding in the amount of \$7,865 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:					
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; Danielle Murray, Solar Program Manager (512) 322-6055.				
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.				
MBE / WBE:					
Related Items:					

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 \$7,865 per year, for a total amount not to exceed \$78,650 over the 10-year period for the generation of solar energy at its facility located at 9111 S. 1st Street in Austin, Texas 78748.

The total installation cost is \$160,000 and the incentive will cover between 45% and 49% 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 187 solar modules rated at 315 and 240 watts and associated inverters rated at 97.5% and 96% efficiency. A total of 61 kW-AC in demand savings is expected.

This energy improvement will save an estimated 71,493 kWh per year—enough to provide electricity to 6 average Austin homes for a year—and produce an estimated 71 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,103 trees or 55 acres of forest in Austin's parks or the removal of 96,386 vehicle miles

or 8 cars from Austin roadways. This project will save 47 tons of Carbon Dioxide (CO₂); 60 pounds of Sulfur Dioxide (SO₂); 66 pounds of Nitrogen Oxide (NO_x); and 46 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 32,172 gallons of water at the generation power plant (evaporation only).