

AGENDA



Recommendation for Council Action

Austin City Council - Commissioners Court Meeting	Item ID	36627	Agenda Number	6.
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Meeting Date:	9/25/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Huston-Tillotson University, to provide a performance-based incentive for the generation of solar energy at its facility located at 900 Chicon St., Austin, Texas, for an estimated \$34,660 per year, for a total amount not to exceed \$346,600 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$34,660 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; Danielle Murray, Manager, Solar Program (512) 322-6055.
Boards and Commission Action:	September 15, 2014 - Approved by the Electric Utility Commission on a vote of 7-0. September 16, 2014 - Approved by the Resource Management Commission on a vote of 4-0.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Huston-Tillotson University, to provide a performance-based incentive (PBI) for an estimated \$34,660 per year, for a total amount not to exceed \$346,600 over the 10-year period for the generation of solar energy at its facility located at 900 Chicon St., Austin, Texas 78702.

The total installation cost is \$720,054 and the incentive will cover between 42% and 48% of the cost. The PBI level for this project is \$0.09 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 734 solar modules rated at 327 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 320,997 kWh per year—enough to provide electricity to 30 average Austin homes for a year—and produce an estimated 321 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,166 trees or 258 acres of forest in Austin's parks or the removal of 451,466 vehicle miles or 39 cars from Austin roadways. This project will save 222 tons of Carbon Dioxide (CO₂); 279 pounds of Sulfur Dioxide (SO₂); 309 pounds of Nitrogen Oxide (NO_x); and 215 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 150,692 gallons of water at the power plant.