

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	33817	Agenda Number	4.
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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 Build-A-Sign to provide a performance-based incentive for the generation of solar energy at its facility located at 11550 Stonehollow Drive in Austin, Texas, for an estimated \$31,495 per year, for a total amount not to exceed \$314,950 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$31,495 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 Build-A-Sign, to provide a performance-based incentive (PBI) for an estimated \$31,495 per year, for a total amount not to exceed \$314,950 over the 10-year period for the generation of solar energy at its facility located at 11550 Stonehollow Drive in Austin, Texas 78758.

The total installation cost is \$719,712 and the incentive will cover between 40% and 44% 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 714 solar modules rated at 315 watts and associated inverters rated at 97.5% efficiency. A total of 173 kW-AC in demand savings is expected.

This energy improvement will save an estimated 286,310 kWh per year—enough to provide electricity to 25 average Austin homes for a year—and produce an estimated 286 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 4,417 trees or 221 acres of forest in Austin's parks or the removal of 385,998 vehicle

miles or 33 cars from Austin roadways. This project will save 190 tons of Carbon Dioxide (CO₂); 239 pounds of Sulfur Dioxide (SO₂); 264 pounds of Nitrogen Oxide (NO_x); and 184 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 128,840 gallons of water at the generation power plant (evaporation only).