

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	33772	Agenda Number	5.
---------------------	---------	-------	---------------	----

Meeting Date:	6/26/2014	Department:	Austin Energy
---------------	-----------	-------------	---------------

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 11525 Stonehollow Drive Unit # 100 in Austin, Texas, for an estimated \$12,029 per year, for a total amount not to exceed \$120,290 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$12,029 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 \$12,029 per year, for a total amount not to exceed \$120,290 over the 10-year period for the generation of solar energy at its facility located at 11525 Stonehollow Drive Unit # 100 in Austin, Texas 78758.

The total installation cost is \$219,312 and the incentive will cover between 50% and 55% 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 272 solar modules rated at 315 watts and associated inverters rated at 97.5% efficiency. A total of 66 kW-AC in demand savings is expected.

This energy improvement will save an estimated 109,353 kWh per year—enough to provide electricity to 10 average Austin homes for a year—and produce an estimated 109 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,687 trees or 84 acres of forest in Austin's parks or the removal of 147,428 vehicle

miles or 13 cars from Austin roadways. This project will save 72 tons of Carbon Dioxide (CO₂); 91 pounds of Sulfur Dioxide (SO₂); 101 pounds of Nitrogen Oxide (NO_x); and 70 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 49,209 gallons of water at the generation power plant (evaporation only).