

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	31161	Agenda Number	2.
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Meeting Date:	3/6/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Staybridge Suites, to provide a performance-based incentive for the generation of solar energy at its new-construction facility located at 13000 North I-35, Austin, Texas 78753, for an estimated \$12,152 per year, for a total amount not to exceed \$121,520 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$12,152 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; Kurt Stogdill, Interim Solar Program Manager (512) 322-6510.

Boards and Commission Action: February 18, 2014 - Recommended by the Resource Management Commission on a 5-0 vote; February 24, 2014 - Recommended by the Electric Utility Commission on a 7-0 vote.

MBE / WBE:

Related Items:

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Staybridge Suites, to provide a performance-based incentive (PBI) for an estimated \$12,152 per year, for a total amount not to exceed \$121,520 over the 10-year period of the agreement, for the generation of solar energy at its new construction hotel facility located at 13000 North I-35 Service Road SB, Bldg. 9, Austin, Texas 78753.

The total installation cost is \$344,756 and the incentive will cover between 34% and 35% 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 273 solar modules rated at 327 watts and associated inverters rated at 96.5% efficiency. A total of 69 kW-AC in demand savings is expected.

This energy improvement will save an estimated 115,732 kWh per year—enough to provide electricity to 10 average Austin homes for a year—and produce an estimated 116 Renewable Energy Credits (RECs) per year. These savings

are equivalent to the planting of 1,785 trees or 89 acres of forest in Austin's parks or the removal of 156,028 vehicle miles or 13 cars from Austin roadways. This project will save 77 tons of Carbon Dioxide (CO₂); 97 pounds of Sulfur Dioxide (SO₂); 107 pounds of Nitrogen Oxide (NO_x); and 74 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 52,079 gallons of water at the generation power plant.