

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	31836	Agenda Number	2.
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Meeting Date:	4/10/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with the Austin Independent School District, to provide a performance-based incentive for the generation of solar energy at North Central Elementary School located at 2011 W. Rundberg Lane, Austin, Texas 78758, for an estimated \$31,635 per year, for a total amount not to exceed \$316,350 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$31,635 is available in the 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:	
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Prior Council Action:	
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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.
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Boards and Commission Action:	March 17, 2014 - Recommended by the Electric Utility Commission on a vote of 7-0.
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MBE / WBE:	
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Related Items:	
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Additional Backup Information

Austin Energy requests authorization to enter into an agreement with the Austin Independent School District (AISD), to provide a performance-based incentive (PBI) for an estimated \$31,635 per year, for a total amount not to exceed \$316,350 over the 10-year period, for the generation of solar energy at North Central Elementary School located at 2011 W. Rundberg Lane, Austin, Texas 78758.

The total installation cost is \$850,000 and the incentive will cover between 35% and 37% 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 749 solar modules rated at 327 watts and associated inverters rated at 98% efficiency. A total of 189kW-AC in demand savings is expected.

This energy improvement will save an estimated 301,285 kWh per year—enough to provide electricity to 27 average Austin homes for a year—and produce an estimated 301 Renewable Energy Credits (RECs) per year. These savings

are equivalent to the planting of 4,648 trees or 232 acres of forest in Austin's parks or the removal of 406,187 vehicle miles or 35 cars from Austin roadways. This project will save 199 tons of Carbon Dioxide (CO₂); 251 pounds of Sulfur Dioxide (SO₂); 278 pounds of Nitrogen Oxide (NOX); and 193 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 135,578 gallons of water at the generation power plant.