

## A G E N D A



## Recommendation for Council Action

Austin City Council - Commissioner's Court Meeting	Item ID	34283	Agenda Number	7.
---	---------	-------	---------------	----

Meeting Date:	8/7/2014	Department:	Austin Energy
---------------	----------	-------------	---------------

## Subject

Authorize negotiation and execution of an agreement with Austin Independent School District Performing Arts Center, to provide a performance-based incentive for the generation of solar energy at its facility located at 1500 Barbara Jordan Blvd., Austin, Texas, for an estimated \$9,077 per year, for a total amount not to exceed \$90,766 over a 10-year period.

## Amount and Source of Funding

Funding in the amount of \$9,077 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:	July 15, 2014 - Recommended by the Resource Management Commission on a vote of 6-0. July 21, 2014 - Recommended by the Electric Utility Commission on a vote of 7-0.
MBE / WBE:	
Related Items:	

## Additional Backup Information

Austin Energy requests authorization to enter into an agreement with AISD Performing Arts Center, to provide a performance-based incentive (PBI) for an estimated \$9,077 per year, for a total amount not to exceed \$90,766 over the 10-year period, for the generation of solar energy at its facility located at 1500 Barbara Jordan Blvd., Austin, Texas 78723.

The total installation cost is \$143,686 and the incentive will cover between 55% and 63% 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 252 solar modules rated at 240 watts and associated inverters rated at 97.5% efficiency. A total of 47 kW-AC in demand savings is expected.

This energy improvement will save an estimated 78,927 kWh per year—enough to provide electricity to 7 average Austin homes for a year—and produce an estimated 79 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,218 trees or 61 acres of forest in Austin's parks or the removal of 106,408 vehicle miles or 9 cars from Austin roadways. This project will save 52 tons of Carbon Dioxide (CO<sub>2</sub>); 66 pounds of Sulfur Dioxide (SO<sub>2</sub>); 73 pounds of Nitrogen Oxide (NOX); and 51 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 35,517 gallons of water at the generation power plant.