AUSTIN CITY COUNCIL

AGENDA



Recommendation for Council Action

Austin City Council	**Item ID**	29818	**Agenda Number**	2.
Meeting Date:	1/30/2014	**Department:**	Austin Energy	

Subject

Authorize negotiation and execution of an agreement with Cedars International Academy, to provide a performance-based incentive for the generation of solar energy at its facility located at 8416 North IH 35 in Austin, Texas, for an estimated $17,434 per year, for a total amount not to exceed $174,340 over a 10-year period.

Amount and Source of Funding

Funding in the amount of $17,434 is available 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:	January 21, 2014 - Recommended by the Resource Management Commission. To be reviewed by the Electric Utility Commission on January 27, 2014.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Cedars International Academy, to provide a performance-based incentive (PBI) for an estimated $17,434 per year, for a total amount not to exceed $174,340 over the 10-year period for the generation of solar energy at this charter school located at 8416 North IH 35, Austin, Texas 78735.

The total installation cost is $315,000 and the incentive will cover between 52% and 61% of the cost. The PBI level for this project is $0.12 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 423 solar modules rated at 250 watts and associated inverters rated at 96% efficiency. A total of 81 kW-AC in demand savings is expected.

This energy improvement will save an estimated 138,356 kWh per year—enough to provide electricity to 12 average Austin homes for a year—and produce an estimated 138 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 2,134 trees or 107 acres of forest in Austin's parks or the removal of 186,529 vehicle miles or 16 cars from Austin roadways. This project will save 92 tons of Carbon Dioxide (CO2); 115 pounds of Sulfur Dioxide (SO2); 128 pounds of Nitrogen Oxide (NOX); and 89 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 62,260 gallons of water at the generation power plant.