

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	33808	Agenda Number	9.
---------------------	---------	-------	---------------	----

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

## Subject

Authorize negotiation and execution of an agreement with Westminster Manor, to provide a performance-based incentive for the generation of solar energy at its facility located at 4100 Jackson Avenue in Austin, Texas, for an estimated \$33,704 per year, for a total amount not to exceed \$337,040 over a 10-year period.

## Amount and Source of Funding

Funding in the amount of \$33,704 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 Westminster Manor, to provide a performance-based incentive (PBI) for an estimated \$33,704 per year, for a total amount not to exceed \$337,040 over the 10-year period for the generation of solar energy at its facility located at 4100 Jackson Avenue in Austin, Texas 78744.

The total installation cost is \$785,000 and the incentive will cover between 41% and 47% 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 828 solar modules rated at 315 watts and associated inverters rated at 97.5% efficiency. A total of 200 kW-AC in demand savings is expected.

This energy improvement will save an estimated 320,997 kWh per year—enough to provide electricity to 28 average Austin homes for a year—and produce an estimated 320 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,035 trees or 248 acres of forest in Austin's parks or the removal of 432,763 vehicle

miles or 37 cars from Austin roadways. This project will save 216 tons of Carbon Dioxide (CO<sub>2</sub>); 272 pounds of Sulfur Dioxide (SO<sub>2</sub>); 296 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 206 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 144,449 gallons of water at the generation power plant (evaporation only).