

## A G E N D A



## Recommendation for Council Action

Austin City Council		Item ID	38128	Agenda Number	7.
Meeting Date:	12/11/2014		Department:	Austin Energy	
Subject					
Authorize negotiation and execution of an agreement with Overlook at Rob Roy's Lake Pointe Center, to provide a performance-based incentive for the generation of solar energy at its facility located at 11612 FM 2244, for an estimated \$14,166 per year, for a total amount not to exceed \$141,660 over a 10-year period.					
Amount and Source of Funding					
Funding in the amount of \$14,166 is included in the proposed Fiscal Year 2014-2014 Operating Budget of Austin Energy.					
Fiscal Note					
There is no unanticipated fiscal impact. A fiscal note is not required.					
Purchasing Language:					
Prior Council Action:	September 25, 2014 – Approved an agreement with this customer and address for a smaller system (\$66,180 over 10 years for a 39 kilowatt system). The current request includes and replaces that action.				
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Solar Program Manager (512) 322-6055.				
Boards and Commission Action:	November 17, 2014 - Unanimously approved by the Electric Utility Commission. November 18, 2014 - Approved by the Resource Management Commission on a vote of 4-0 with Commissioners Amato and Metzger off the dais and Commissioner Krishna absent.				
MBE / WBE:					
Related Items:					
Additional Backup Information					
Austin Energy requests authorization to enter into an agreement with Overlook at Rob Roy's Lake Pointe Center, to provide a performance-based incentive (PBI) for an estimated \$14,166 per year, for a total amount not to exceed \$141,660 over the 10-year period for the generation of solar energy at its facility located at 11612 FM 2244 in Austin, Texas 78738.					
This request includes and replaces a previous RCA for this customer and address, approved on September 25, 2014, for an amount not to exceed \$66,180 over a 10-year period for a 39 kilowatt (kW) system. After Council approval, the customer applied for the installation of a larger system.					
The total installation cost is \$292,900 and the incentive will cover between 42% and 48% of the cost. The PBI level for this project is \$0.09 per kilowatt hour (kWh) for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 342 solar modules rated at 315 watts and associated inverters rated at 97.5% efficiency. A total of 83 kW-AC in demand savings is expected.					

This energy improvement will save an estimated 136,867 kWh per year—enough to provide electricity to 12 average Austin homes for a year—and produce an estimated 137 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 2,111 trees or 106 acres of forest in Austin's parks or the removal of 184,522 vehicle miles or 16 cars from Austin roadways. This project will save 91 tons of Carbon Dioxide (CO<sub>2</sub>); 114 pounds of Sulfur Dioxide (SO<sub>2</sub>); 126 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 88 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 61,590 gallons of water at a power plant.