

A G E N D A



Recommendation for Council Action

Austin City Council		Item ID	28373	Agenda Number	4.
Meeting Date:	11/7/2013		Department:	Austin Energy	
Subject					
Authorize negotiation and execution of an agreement with Lake Austin Marina, to provide a performance-based incentive for the generation of solar energy at its facility located at 2215 Westlake Drive, Austin, Texas 78746, for an estimated \$16,900 per year, for a total amount not to exceed \$169,000 over a 10-year period.					
Amount and Source of Funding					
Funding in the amount of \$16,900 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:					
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:	October 21, 2013 - Recommended by the Electric Utility Commission.				
MBE / WBE:					
Related Items:					
Additional Backup Information					
Austin Energy requests authorization to enter into an agreement with Lake Austin Marina, to provide a performance-based incentive (PBI) for an estimated \$16,900 per year, for a total amount not to exceed \$169,000 over the 10-year period for the generation of solar energy at its regional distribution facility located at 2215 Westlake Drive, Austin, Texas 78746.					
The total installation cost is \$341,376 and the incentive will cover between 48% and 50% 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 852 solar modules rated at 265 watts and associated inverters rated at 96% efficiency. A total of 79 kW-AC in demand savings is expected.					
This energy improvement will save an estimated 134,067 kWh per year—enough to provide electricity to 12 average Austin homes for a year—and produce an estimated 134 Renewable Energy Credits (RECs) per year. These savings					

are equivalent to the planting of 2,068 trees or 103 acres of forest in Austin's parks or the removal of 180,747 vehicle miles or 15 cars from Austin roadways. This project will save 89 tons of Carbon Dioxide (CO₂); 112 pounds of Sulfur Dioxide (SO₂); 124 pounds of Nitrogen Oxide (NO_x); and 86 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.