

A G E N D A



Recommendation for Council Action

Austin City Council		Item ID	26395	Agenda Number	6.
Meeting Date:	8/29/2013			Department:	Austin Energy
Subject					
Authorize negotiation and execution of an agreement with Congregation Beth Israel, to provide a performance-based incentive for the generation of solar energy at its facility located at 3901 Shoal Creek Blvd., for an estimated \$6,309 per year, for a total amount not to exceed \$63,090 over a 10-year period.					
Amount and Source of Funding					
Funding in the amount of \$6,309 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; Leslie Libby, Project Manager (512) 482-5390.				
Boards and Commission Action:	August 19, 2013 – Unanimously approved by the Electric Utility Commission on a 5-0 vote. August 20, 2013 – Unanimously approved by the Resource Management Commission on a 4-0 vote.				
MBE / WBE:					
Related Items:					
Additional Backup Information					
Austin Energy requests authorization to enter into an agreement with Congregation Beth Israel, to provide a performance-based incentive (PBI) for an estimated \$6,309 per year, for a total amount not to exceed \$63,090 over the 10-year period for the generation of solar energy at its facility located at 3901 Shoal Creek Blvd., Austin, Texas 78756.					
The total installation cost is \$109,551 and the incentive will cover between 55% and 58% 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 156 solar modules rated at 265 watts and associated inverters rated at 97.5% efficiency. A total of 31.8 kW-AC in demand savings is expected.					
This energy improvement will save an estimated 50,064 kWh per year—enough to provide electricity to four average					

Austin homes for a year—and produce an estimated 50 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 773 trees or 39 acres of forest in Austin's parks or the removal of 67,495 vehicle miles or 6 cars from Austin roadways. This project will save 33 tons of Carbon Dioxide (CO₂); 42 pounds of Sulfur Dioxide (SO₂); 46 pounds of Nitrogen Oxide (NOX); and 32 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.