

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	26395	Agenda Number	
Meeting Date:	8/29/2013	Department:	Austin Energy	
Subject				
<p>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., Austin, Texas 78756, for an estimated \$6,309 per year, for a total amount not to exceed \$63,090 over a 10-year period.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$6,309 is included in the proposed Fiscal Year 2013-2014 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	<p>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.</p>			
Boards and Commission Action:	<p>To be reviewed by the Electric Utility Commission on August 19, 2013, and the Resource Management Commission on August 20, 2013.</p>			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>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.</p>				
<p>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.</p>				
<p>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</p>				

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.