

A G E N D A



Recommendation for Council Action

Austin City Council		Item ID	32337	Agenda Number	2.
Meeting Date:	5/1/2014			Department:	Austin Energy
Subject					
Authorize negotiation and execution of an agreement with International Biomedical to provide a performance-based incentive for the generation of solar energy at its facility located at 8206 Cross Park Drive # 100, Austin, Texas, for an estimated \$36,497 per year, for a total amount not to exceed \$364,970 over a 10-year period.					
Amount and Source of Funding					
Funding in the amount of \$36,497 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.				
Boards and Commission Action:	April 15, 2014 – Recommended by the Resource Management Commission on a 5-0-0-2 vote with Commissioners Amato and Kelly absent; April 21, 2014 – Recommended by the Electric Utility Commission on a 6-0 vote.				
MBE / WBE:					
Related Items:					
Additional Backup Information					
Austin Energy requests authorization to enter into an agreement with International Biomedical, to provide a performance-based incentive (PBI) for an estimated \$36,497 per year, for a total amount not to exceed \$364,970 over a 10-year period for the generation of solar energy at its facility located at 8206 Cross Park Drive # 100, Austin, Texas 78754.					
The total installation cost is \$673,030 and the incentive will cover between 52% and 54% 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 864 solar modules rated at 300 watts and associated inverters rated at 98% efficiency. A total of 200 kW-AC in demand savings is expected.					
This energy improvement will save an estimated 347,584 kWh per year—enough to provide electricity to 31 average Austin homes for a year—and produce an estimated 348 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,362 trees or 268 acres of forest in Austin's parks or the removal of 468,607 vehicle miles or 40 cars from Austin roadways. This project will save 230 tons of Carbon Dioxide (CO2); 290 pounds of Sulfur Dioxide (SO2); 321 pounds of Nitrogen Oxide (NOX); and 223 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 156,413 gallons of water at the generation power plant.					