

## A G E N D A



## Recommendation for Council Action

Austin City Council		Item ID	25225	Agenda Number	6.
Meeting Date:	6/27/2013			Department:	Austin Energy
Subject					
Authorize negotiation and execution of an agreement with GENERAL MOTORS, to provide a performance-based incentive for the generation of solar energy at its facility located at 7401 E. Ben White Blvd., Bldg. 3, Austin, TX 78741, for an estimated \$41,657 per year, for a total amount not to exceed \$416,570 over a 10-year period.					
Amount and Source of Funding					
Funding in the amount of \$41,657 is available in the Fiscal Year 2012-2013 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 322-6087, Debbie Kimberly 322-6327, Leslie Libby 482-5390.				
Boards and Commission Action:	June 17, 2013 - Unanimously approved by the Electric Utility Commission on a 7-0 vote. Recommendation No. 20130617-010. June 18, 2013 - Unanimously approved by the Resource Management Commission on a 4-0 vote. Recommendation No. 20130618-008.				
MBE / WBE:					
Related Items:					
Additional Backup Information					
Austin Energy requests authorization to enter into an agreement with GENERAL MOTORS, to provide a performance-based incentive (PBI) for an estimated \$41,657 per year, for a total amount not to exceed \$416,570 over the 10-year period for the generation of solar energy at its data center facility located at 7401 E. Ben White Blvd., Bldg. 3, Austin, TX 78741.					
The total installation cost is \$668,200 and the incentive will cover between 59% and 68% 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 1040 solar modules rated at 250 watts and associated inverters rated at 96% efficiency. A total of 200 kW-AC in demand savings is expected.					
This energy improvement will save an estimated 330,610 kWh per year—enough to provide electricity to 29 average					

Austin homes for a year—and produce an estimated 331 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,100 trees or 255 acres of forest in Austin's parks or the removal of 445,723 vehicle miles or 38 cars from Austin roadways. This project will save 219 tons of Carbon Dioxide (CO<sub>2</sub>); 276 pounds of Sulfur Dioxide (SO<sub>2</sub>); 305 pounds of Nitrogen Oxide (NOX), and 212 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.