

A G E N D A



Recommendation for Council Action

Austin City Council		Item ID	23751	Agenda Number	
Meeting Date:	4/25/2013			Department:	Austin Energy
Subject					
Authorize negotiation and execution of an agreement with Apple Inc. to provide a performance-based incentive for the generation of solar energy at its facilities located at 5401 and 5501 West Parmer Lane, Austin, Texas 78727, for an estimated \$48,680 per year, for a total amount not to exceed \$486,800 over a 10-year period.					
Amount and Source of Funding					
Funding in the amount of \$48,680 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:	To be reviewed by the Electric Utility Commission on April 15, 2013 and the Resource Management Commission on April 16, 2013.				
MBE / WBE:					
Related Items:					

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Apple Inc. to provide a performance-based incentive (PBI) for an estimated \$48,680 per year, for a total amount not to exceed \$486,800 over a 10-year period for the generation of solar energy at its facilities located at 5401 and 5501 West Parmer Lane, Austin, Texas 78727.

The total installation cost is \$711,312 and the incentive will cover between 65% and 68% of the cost. The PBI level for this project is \$0.14 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 912 solar modules rated at 285 watts and associated inverters rated at 97.5% efficiency. A total of 200 kW-AC in demand savings is expected.

This energy improvement will save an estimated 331,156 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 5,108 trees or 255 acres of forest in Austin's parks or the removal of 446,459 vehicle miles or 38 cars from Austin roadways. This project will save 219 tons of Carbon Dioxide (CO₂); 276 pounds of Sulfur Dioxide (SO₂); 306 pounds of Nitrogen Oxide (NO_x), and 212 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.