

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	38126	Agenda Number	6.
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Meeting Date:	12/11/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Overlook at Rob Roy's Hills Office Park, to provide a performance-based incentive for the generation of solar energy at its facility located at 4611 FM 2244, for an estimated \$9,371 per year, for a total amount not to exceed \$93,710 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$9,371 is included in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	September 25, 2014 – Approved an agreement with this customer and address for a smaller system (\$84,600 over 10 years for a 46 kilowatt system). The current request includes and replaces that action.
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Solar Program Manager (512) 322-6055.
Boards and Commission Action:	November 17, 2014 - Unanimously approved by the Electric Utility Commission. November 18, 2014 - Approved by the Resource Management Commission on a vote of 4-0 with Commissioners Amato and Metzger off the dais and Commissioner Krishna absent.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Overlook at Rob Roy's Hills Office Park, to provide a performance-based incentive (PBI) for an estimated \$9,371 per year, for a total amount not to exceed \$93,710 over the 10-year period for the generation of solar energy at its facility located at 4611 FM 2244 in West Lake Hills, Texas 78746.

This request includes and replaces a previous RCA for this customer and address, approved on September 25, 2014, for an amount not to exceed \$84,600 over a 10-year period for a 46 kilowatt (kW) system. After Council approval, the customer applied for the installation of a larger system.

The total installation cost is \$258,616 and the incentive will cover between 32% and 36% of the cost. The PBI level for this project is \$0.09 per kilowatt hour (kWh) for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 242 solar modules rated at 315 watts and associated inverters rated at 94.5% efficiency. A total of 59 kW-AC in demand savings is expected.

This energy improvement will save an estimated 90,541 kWh per year—enough to provide electricity to eight average Austin homes for a year—and produce an estimated 91 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,397 trees or 70 acres of forest in Austin's parks or the removal of 122,066 vehicle miles or 10 cars from Austin roadways. This project will save 60 tons of Carbon Dioxide (CO₂); 76 pounds of Sulfur Dioxide (SO₂); 84 pounds of Nitrogen Oxide (NOX); and 58 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 40,743 gallons of water at a power plant.