

AGENDA



Recommendation for Council Action

Austin City Council - Commissioners Court Meeting	Item ID	36637	Agenda Number	8.
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Meeting Date:	9/25/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with the Overlook at Rob Roy - Lake Pointe Center, to provide a performance-based incentive for the generation of solar energy at its facility located at 11612 FM 2244, Austin, Texas, for an estimated \$6,618 per year, for a total amount not to exceed \$66,180 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$6,618 is included 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; Danielle Murray, Solar Program Manager (512) 322-6055.
Boards and Commission Action:	September 15, 2014 - Approved by the Electric Utility Commission on a vote of 7-0. September 16, 2014 - Approved by the Resource Management Commission on a vote of 4-0.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with the Overlook at Rob Roy - Lake Pointe Center, to provide a performance-based incentive (PBI) for an estimated \$6,618 per year, for a total amount not to exceed \$66,180 over the 10-year period for the generation of solar energy at its facility located at 11612 FM 2244, Austin, Texas 78738.

The total installation cost is \$161,559 and the incentive will cover between 36% and 41% of the cost. The PBI level for this project is \$0.09 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 165 solar modules rated at 305 watts and associated inverters rated at 97.5% efficiency. A total of 39 kW-AC in demand savings is expected.

This energy improvement will save an estimated 63,936 kWh per year—enough to provide electricity to six average Austin homes for a year—and produce an estimated 64 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 986 trees or 49 acres of forest in Austin's parks or the removal of 86,197 vehicle miles or seven cars from Austin roadways. This project will save 42 tons of Carbon Dioxide (CO₂); 53 pounds of Sulfur Dioxide (SO₂); 59 pounds of Nitrogen Oxide (NO_x); and 41 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 50,007 gallons of water at the power plant.