

A G E N D A



Recommendation for Council Action

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| Austin City Council | Item ID | 28371 | Agenda Number | 5. |
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| Meeting Date: | 11/7/2013 | Department: | Austin Energy |
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Subject

Authorize negotiation and execution of an agreement with LROC Properties Southwest, LP, to provide a performance-based incentive for the generation of solar energy at its facility located at 44 East Avenue, Austin, Texas 78701, for an estimated \$6,714 per year, for a total amount not to exceed \$67,140 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$6,714 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; Kurt Stogdill, Interim Solar Program Manager (512) 322-6510.

Boards and Commission Action:

October 21, 2013 - Recommended by the Electric Utility Commission.

MBE / WBE:

Related Items:

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with LROC Properties Southwest, LP, to provide a performance-based incentive (PBI) for an estimated \$6,714 per year, for a total amount not to exceed \$67,140 over the 10-year period for the generation of solar energy at its regional distribution facility located at 44 East Avenue in Austin, Texas 78701.

The total installation cost is \$151,644 and the incentive will cover between 42% and 48% 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 147 solar modules rated at 290 watts and associated inverters rated at 97.5% efficiency. A total of 33 kW-AC in demand savings is expected.

This energy improvement will save an estimated 52,384 kWh per year—enough to provide electricity to 5 average Austin homes for a year—and produce an estimated 52 Renewable Energy Credits (RECs) per year. These savings are

equivalent to the planting of 808 trees or 40 acres of forest in Austin's parks or the removal of 70,623 vehicle miles or 6 cars from Austin roadways. This project will save 35 tons of Carbon Dioxide (CO₂); 44 pounds of Sulfur Dioxide (SO₂); 48 pounds of Nitrogen Oxide (NO_x); and 34 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.