

**AGENDA**



**Recommendation for Council Action**

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| Austin City Council - Commissioners Court Meeting | <b>Item ID</b> | 35138 | <b>Agenda Number</b> | 7. |
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| <b>Meeting Date:</b> | 8/28/2014 | <b>Department:</b> | Austin Energy |
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**Subject**

Authorize negotiation and execution of an agreement with COEUS BE Austin, LP, to provide performance-based incentives for the generation of solar energy at its facilities located at 1600 Royal Crest Drive, Austin, Texas, for an estimated \$8,047 per year, for a total amount not to exceed \$80,470 over a 10-year period.

**Amount and Source of Funding**

Funding in the amount of \$8,047 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.

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| <b>Purchasing Language:</b> |  |
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| <b>Prior Council Action:</b> |  |
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| <b>For More Information:</b> | Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Manager, Solar Program (512) 322-6055. |
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| <b>Boards and Commission Action:</b> | August 18, 2014 – Recommended unanimously by the Electric Utility Commission with a vote of 7-0; August 19, 2014 – Recommended by the Resource Management Commission with a vote of 4-0. |
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| <b>MBE / WBE:</b> |  |
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| <b>Related Items:</b> |  |
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**Additional Backup Information**

Austin Energy requests authorization to enter into an agreement with COEUS BE Austin, LP, to provide performance-based incentives (PBI) for an estimated \$8,047 per year, for a total amount not to exceed \$80,470 over the 10-year period for the generation of solar energy at its apartment facility located at 1600 Royal Crest Drive, Austin, Texas 78741.

The total installation cost is \$190,298 and the incentive will cover between 39% and 42% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 193 solar modules rated at 290 watts and associated inverters rated at 98% efficiency. A total of 43 kW-AC in demand savings is expected.

This energy improvement will save an estimated 73,154 kWh per year—enough to provide electricity to 6 average Austin homes for a year—and produce an estimated 73 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,128 trees or 56 acres of forest in Austin's parks or the removal of 98,625 vehicle miles or 8 cars from Austin roadways. This project will save 48 tons of Carbon Dioxide (CO<sub>2</sub>); 61 pounds of Sulfur Dioxide (SO<sub>2</sub>); 68 pounds of Nitrogen Oxide (NOX); and 47 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 32,919 gallons of water at the generation power plant.