

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	22467	Agenda Number	8.
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Meeting Date:	3/7/2013	Department:	Austin Energy
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## Subject

Authorize negotiation and execution of an agreement with Phoebe Austin, LP, to provide a performance-based incentive for the generation of solar energy at two facilities located on Royal Crest Drive in Austin, Texas, for an estimated \$7,219 per year, for a total amount not to exceed \$72,190 over a 10-year period.

## Amount and Source of Funding

Funding in the amount of \$7,219 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:	Recommended by the Resource Management Commission and the Electric Utility Commission.
MBE / WBE:	
Related Items:	

## Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Phoebe Austin, LP, to provide a performance-based incentive (PBI) for an estimated \$7,219 per year, for a total amount not to exceed \$72,190 over the 10-year period for the generation of solar energy at two common-area facilities at the Arbor Apartments. The complex is located near East Riverside Drive on Royal Crest Drive in Austin, Texas 78741. The two facilities are common areas of the complex including the laundry, pool and office space, and are commercial accounts. Their specific addresses are: 1500 Royal Crest Drive Unit 11 and 1501 Royal Crest Drive Unit 11B.

The total installation cost is \$201,960 and the incentive will cover between 31% and 36% 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 147 solar modules rated at 255 watts and associated inverters rated at 95.5% efficiency. A total of 28.27 kW-AC in demand savings is expected.

This energy improvement will save an estimated 44,833 kWh per year—enough to provide electricity to four average

Austin homes for a year—and produce an estimated 45 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 692 trees or 35 acres of forest in Austin's parks or the removal of 60,442 vehicle miles or five cars from Austin roadways. This project will save 30 tons of Carbon Dioxide (CO<sub>2</sub>); 37 pounds of Sulfur Dioxide (SO<sub>2</sub>); 41 pounds of Nitrogen Oxide (NO<sub>x</sub>), and 29 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.