

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	33770	Agenda Number	3.
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Meeting Date:	6/26/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Ben E. Keith Beverage, to provide a performance-based incentive for the generation of solar energy at its facility located at 4101 McKinney Falls Parkway in Austin, Texas, for an estimated \$35,905 per year, for a total amount not to exceed \$359,050 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$35,905 is included in the proposed 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; Danielle Murray, Solar Program Manager (512) 322-6055.
Boards and Commission Action:	June 16, 2014 - Recommended by the Electric Utility Commission on a vote of 6-0; June 17, 2014 - Recommended by the Resource Management Commission on a vote of 5-0.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Ben E. Keith Beverage, to provide a performance-based incentive (PBI) for an estimated \$35,905 per year, for a total amount not to exceed \$359,050 over the 10-year period for the generation of solar energy at its facility located at 4101 McKinney Falls Parkway in Austin, Texas 78744.

The total installation cost is \$697,140 and the incentive will cover between 47% and 52% 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 864 solar modules rated at 300 watts and associated inverters rated at 97.5% efficiency. A total of 200 kW-AC in demand savings is expected.

This energy improvement will save an estimated 326,406 kWh per year—enough to provide electricity to 29 average Austin homes for a year—and produce an estimated 326 Renewable Energy Credits (RECs) per year. These savings

are equivalent to the planting of 5,035 trees or 252 acres of forest in Austin's parks or the removal of 440,055 vehicle miles or 38 cars from Austin roadways. This project will save 216 tons of Carbon Dioxide (CO₂); 272 pounds of Sulfur Dioxide (SO₂); 301 pounds of Nitrogen Oxide (NO_x); and 209 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 146,883 gallons of water at the generation power plant (evaporation only).