

**AGENDA**



**Recommendation for Council Action**

Austin City Council - Commissioner's Court Meeting	<b>Item ID</b>	34301	<b>Agenda Number</b>	10.
---	----------------	-------	----------------------	-----

<b>Meeting Date:</b>	8/7/2014	<b>Department:</b>	Austin Energy
----------------------	----------	--------------------	---------------

**Subject**

Authorize negotiation and execution of an agreement with Lakeway Floors, to provide a performance-based incentive for the generation of solar energy at its facility located at 911 Ranch Road 620 N., Austin, Texas, for an estimated \$11,449 per year, for a total amount not to exceed \$114,488 over a 10-year period.

**Amount and Source of Funding**

Funding in the amount of \$11,449 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.

<b>Purchasing Language:</b>	
-----------------------------	--

<b>Prior Council Action:</b>	
------------------------------	--

<b>For More Information:</b>	Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Manager, Solar Program (512) 322-6055.
------------------------------	--

<b>Boards and Commission Action:</b>	July 15, 2014 - Recommended by the Resource Management Commission on a vote of 6-0. July 21, 2014 - Recommended by the Electric Utility Commission on a vote of 7-0.
--------------------------------------	---

<b>MBE / WBE:</b>	
-------------------	--

<b>Related Items:</b>	
-----------------------	--

**Additional Backup Information**

Austin Energy requests authorization to enter into an agreement with Lakeway Floors, to provide a performance-based incentive (PBI) for an estimated \$11,449 per year, for a total amount not to exceed \$114,488 over the 10-year period for the generation of solar energy at its facility located at 911 Ranch Road 620 N., Austin, Texas 78734.

The total installation cost is \$250,000 and the incentive will cover between 40% and 46% 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 232 solar modules rated at 345 watts and associated inverters rated at 96% efficiency. A total of 62 kW-AC in demand savings is expected.

This energy improvement will save an estimated 99,555 kWh per year—enough to provide electricity to nine average Austin homes for a year—and produce an estimated 100 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,536 trees or 77 acres of forest in Austin's parks or the removal of 134,218 vehicle miles or 11 cars from Austin roadways. This project will save 66 tons of Carbon Dioxide (CO<sub>2</sub>); 83 pounds of Sulfur Dioxide (SO<sub>2</sub>); 92 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 64 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 44,800 gallons of water at the generation power plant.