

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	33260	Agenda Number	8.
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Meeting Date:	6/12/2014	Department:	Austin Energy
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## Subject

Authorize negotiation and execution of an agreement with Harcon Building Ltd., to provide a performance-based incentive for the generation of solar energy at its facility located at 6601 Vaught Ranch Rd., Austin, Texas 78730, for an estimated \$8,119 per year, for a total amount not to exceed \$81,190 over a 10-year period.

## Amount and Source of Funding

Funding in the amount of \$8,119 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; Danielle Murray, Solar Program Manager (512) 322-6055.
Boards and Commission Action:	May 19, 2014 – Recommended by the Electric Utility Commission on a vote of 6-0. May 20, 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 Harcon Building Ltd., to provide a performance-based incentive (PBI) for an estimated \$8,119 per year, for a total amount not to exceed \$81,190 over the 10-year period for the generation of solar energy at its real estate holding company office building at 6601 Vaught Ranch Rd., Austin, Texas 78730.

The total installation cost is \$221,076 and the incentive will cover between 35% and 37% 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 144 solar modules rated at 345 watts and associated inverters rated at 98% efficiency. A total of 38 kW-AC in demand savings is expected.

This energy improvement will save an estimated 77,322 kWh per year—enough to provide electricity to seven average Austin homes for a year—and produce an estimated 77 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,193 trees or 60 acres of forest in Austin's parks or the removal of 104,244 vehicle miles

or nine cars from Austin roadways. This project will save 51 tons of Carbon Dioxide (CO<sub>2</sub>); 65 pounds of Sulfur Dioxide (SO<sub>2</sub>); 71 pounds of Nitrogen Oxide (NOX); and 50 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 34,795 gallons of water at the generation power plant.