

## A G E N D A



## Recommendation for Council Action

|                     |         |       |               |    |
|---------------------|---------|-------|---------------|----|
| Austin City Council | Item ID | 25224 | Agenda Number | 5. |
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|               |           |             |               |
|---------------|-----------|-------------|---------------|
| Meeting Date: | 6/27/2013 | Department: | Austin Energy |
|---------------|-----------|-------------|---------------|

## Subject

Authorize negotiation and execution of an agreement with GCE VENTURES, to provide a performance-based incentive for the generation of solar energy at its facility located at 3315 Ranch Road 620 S, Austin, TX 78738, for an estimated \$14,216 per year, for a total amount not to exceed \$142,160 over a 10-year period.

## Amount and Source of Funding

Funding in the amount of \$14,216 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.

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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purchasing Language:          |                                                                                                                                                                                                                                                       |
| Prior Council Action:         |                                                                                                                                                                                                                                                       |
| For More Information:         | Jeff Vice 322-6087, Debbie Kimberly 322-6327, Leslie Libby 482-5390.                                                                                                                                                                                  |
| Boards and Commission Action: | June 17, 2013 - Unanimously approved by the Electric Utility Commission on a 7-0 vote. Recommendation No. 20130617-009.<br>June 18, 2013 - Unanimously approved by the Resource Management Commission on a 4-0 vote. Recommendation No. 20130618-007. |
| MBE / WBE:                    |                                                                                                                                                                                                                                                       |
| Related Items:                |                                                                                                                                                                                                                                                       |

## Additional Backup Information

Austin Energy requests authorization to enter into an agreement with GCE VENTURES, to provide a performance-based incentive (PBI) for an estimated \$14,216 per year, for a total amount not to exceed \$142,160 over the 10-year period for the generation of solar energy at its facility located at 3315 Ranch Road 620 S, Austin, TX 78738.

The total installation cost is \$346,201.44 and the incentive will cover between 39% and 45% 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 208 solar modules rated at 327 watts and associated inverters rated at 95% efficiency. A total of 52.4 kW-AC in demand savings is expected.

This energy improvement will save an estimated 96,704 kWh per year—enough to provide electricity to nine average Austin homes for a year—and produce an estimated 97 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,492 trees or 75 acres of forest in Austin's parks or the removal of 130,375 vehicle miles or 11 cars from Austin roadways. This project will save 64 tons of Carbon Dioxide (CO<sub>2</sub>); 81 pounds of Sulfur Dioxide (SO<sub>2</sub>); 89 pounds of Nitrogen Oxide (NO<sub>x</sub>), and 62 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.