

**AGENDA**



**Recommendation for Council Action**

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|---------------------|----------------|-------|----------------------|--|
| Austin City Council | <b>Item ID</b> | 25227 | <b>Agenda Number</b> |  |
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| <b>Meeting Date:</b> | 6/27/2013 | <b>Department:</b> | Austin Energy |
|----------------------|-----------|--------------------|---------------|

Subject

Authorize negotiation and execution of an agreement with McCORMICK VISION, to provide a performance-based incentive for the generation of solar energy at its facility located at 12701 Research Blvd. #101, Austin, TX 78759, for an estimated \$8,876 per year, for a total amount not to exceed \$88,760 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$8,876 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:** To be reviewed by the Electric Utility Commission on June 17, 2013 and by the Resource Management Commission on June 18, 2013.

**MBE / WBE:**

**Related Items:**

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with McCORMICK VISION, to provide a performance-based incentive (PBI) for an estimated \$8,876 per year, for a total amount not to exceed \$88,760 over the 10-year period for the generation of solar energy at its facility located at 12701 Research Blvd. #101, Austin, TX 78759.

The total installation cost is \$236,000 and the incentive will cover between 36% and 41% 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 175 solar modules rated at 260 watts and associated inverters rated at 95.5% efficiency. A total of 35 kW-AC in demand savings is expected.

This energy improvement will save an estimated 60,377 kWh per year—enough to provide electricity to five average Austin homes for a year—and produce an estimated 60 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 931 trees or 47 acres of forest in Austin's parks or the removal of 81,399 vehicle miles or seven cars from Austin roadways. This project will save 40 tons of Carbon Dioxide (CO<sub>2</sub>); 50 pounds of Sulfur Dioxide (SO<sub>2</sub>); 56 pounds of Nitrogen Oxide (NOX), and 39 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.