

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	25226	Agenda Number	
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Meeting Date:	6/27/2013	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with GENERAL MOTORS, to provide a performance-based incentive for the generation of solar energy at its facility located at 717 E. Parmer Lane, Austin, TX 78753, for an estimated \$41,694 per year, for a total amount not to exceed \$416,940 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$41,694 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 GENERAL MOTORS, to provide a performance-based incentive (PBI) for an estimated \$41,694 per year, for a total amount not to exceed \$416,940 over the 10-year period for the generation of solar energy at its IT Innovation Center facility located at 717 E. Parmer Lane, Austin, TX 78753.

The total installation cost is \$720,200 and the incentive will cover between 55% and 63% 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 1040 solar modules rated at 250 watts and associated inverters rated at 96% efficiency. A total of 200 kW-AC in demand savings is expected.

This energy improvement will save an estimated 330,902 kWh per year—enough to provide electricity to 29 average Austin homes for a year—and produce an estimated 331 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,105 trees or 255 acres of forest in Austin's parks or the removal of 446,116 vehicle miles or 38 cars from Austin roadways. This project will save 219 tons of Carbon Dioxide (CO₂); 276 pounds of Sulfur Dioxide (SO₂); 305 pounds of Nitrogen Oxide (NO_x), and 212 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.