

A G E N D A



Recommendation for Council Action

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| Austin City Council - Commissioner's Court Meeting | Item ID | 34310 | Agenda Number | 9. |
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| Meeting Date: | 8/7/2014 | 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, Texas, for an estimated \$38,054 per year, for a total amount not to exceed \$380,537 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$38,054 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.

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| Purchasing Language: | |
| Prior Council Action: | |
| For More Information: | Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Manager, Solar Program (512) 322-6055. |
| Boards and Commission Action: | 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. |
| 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 \$38,054 per year, for a total amount not to exceed \$380,537 over the 10-year period for the generation of solar energy at its IT Innovation Center facility located at 717 E. Parmer Lane, Austin, Texas 78753.

The total installation cost is \$720,200 and the incentive will cover between 46% and 53% 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 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, and 148,906 gallons of water at the generation power plant.