

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	23750	Agenda Number	
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Meeting Date:	4/25/2013	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Airport Fast Park to provide a performance-based incentive for the generation of solar energy at its facility located at 2300 Spirit of Texas Drive, Del Valle, Texas 78617, for an estimated \$14,860 per year, for a total amount not to exceed \$148,600 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$14,860 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 April 15, 2013 and the Resource Management Commission on April 16, 2013.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Airport Fast Park to provide a performance-based incentive (PBI) for an estimated \$14,860 per year, for a total amount not to exceed \$148,600 over the 10-year period for the generation of solar energy at its facility located at 2300 Spirit of Texas Drive, Del Valle, Texas 78617.

The total installation cost is \$346,357 and the incentive will cover between 57% and 60% 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 324 solar modules rated at 245 watts and associated inverters rated at 96% efficiency. A total of 61.1 kW-AC in demand savings is expected.

This energy improvement will save an estimated 101,027 kWh per year—enough to provide electricity to nine average Austin homes for a year—and produce an estimated 101 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,558 trees or 78 acres of forest in Austin's parks or the removal of 136,203 vehicle miles or 11 cars from Austin roadways. This project will save 67 tons of Carbon Dioxide (CO₂); 84 pounds of Sulfur Dioxide (SO₂); 93 pounds of Nitrogen Oxide (NO_x), and 65 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.