

**AGENDA**



**Recommendation for Council Action**

Austin City Council	<b>Item ID</b>	25228	<b>Agenda Number</b>	<ITEM_OUTLINE>
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<b>Meeting Date:</b>	6/27/2013	<b>Department:</b>	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with PEARSON, to provide a performance-based incentive for the generation of solar energy at its facility located at 400 Center Ridge Drive, Austin, TX 78753, for an estimated \$48,064 per year, for a total amount not to exceed \$480,640 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$48,064 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 (512) 322-6087, Debbie Kimberly (512) 322-6327, Leslie Libby (512) 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 PEARSON, to provide a performance-based incentive (PBI) for an estimated \$48,064 per year, for a total amount not to exceed \$480,640 over the 10-year period for the generation of solar energy at its educational measurement facility located at 400 Center Ridge Drive, Austin, TX 78753.

The total installation cost is \$788,678 and the incentive will cover between 58% and 67% 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 998 solar modules rated at 255 watts and associated inverters rated at 96% efficiency. A total of 196 kW-AC in demand savings is expected.

This energy improvement will save an estimated 326,965 kWh per year—enough to provide electricity to 29 average Austin homes for a year—and produce an estimated 327 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,044 trees or 252 acres of forest in Austin's parks or the removal of 440,809 vehicle miles or 38 cars from Austin roadways. This project will save 216 tons of Carbon Dioxide (CO<sub>2</sub>); 273 pounds of Sulfur Dioxide (SO<sub>2</sub>); 302 pounds of Nitrogen Oxide (NO<sub>x</sub>), and 210 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.