

**AGENDA**



**Recommendation for Council Action**

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| Austin City Council | Item ID | 25221 | Agenda Number | 2. |
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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 51st LIVING LTD, to provide a performance-based incentive for the generation of solar energy at its facilities at 101 West 51st Street, Austin, TX 78751, for an estimated \$26,769 per year, for a total amount not to exceed \$267,690 over a 10-year period.

**Amount and Source of Funding**

Funding in the amount of \$26,769 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.

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| Purchasing Language: |  |
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| Prior Council Action: |  |
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| For More Information: | Jeff Vice 322-6087, Debbie Kimberly 322-6327, Leslie Libby 482-5390. |
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| Boards and Commission Action: | June 17, 2013 - Unanimously approved by the Electric Utility Commission on a 7-0 vote. Recommendation No. 20130617-006.<br>June 18, 2013 - Unanimously approved by the Resource Management Commission on a 4-0 vote. Recommendation No. 20130618-004. |
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| MBE / WBE: |  |
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| Related Items: |  |
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**Additional Backup Information**

Austin Energy requests authorization to enter into an agreement with 51<sup>st</sup> LIVING LTD, to provide a performance-based incentive (PBI) for an estimated \$26,769 per year, for a total amount not to exceed \$267,690 over the 10-year period for the generation of solar energy at its multi-family residential complex at 101 West 51st Street, Austin, TX 78751. The systems will be installed on six buildings with commercial meters and common area uses for the complex including the clubhouse, gym, laundry rooms, elevators, HVAC units for conditioned hallways, and parking area lighting.

The total installation cost is \$698,000 and the incentive will cover between 38% and 44% of the cost. The PBI level for this project is \$0.12 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 664 solar modules rated at 260 watts and associated inverters rated at 95% and 96% efficiency. A total of 132.9 kW-AC in demand savings is expected.

This energy improvement will save an estimated 212,451 kWh per year—enough to provide electricity to 19 average Austin homes for a year—and produce an estimated 212 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 3,277 trees or 164 acres of forest in Austin's parks or the removal of 286,423 vehicle miles or 164 cars from Austin roadways. This project will save 141 tons of Carbon Dioxide (CO<sub>2</sub>); 177 pounds of Sulfur Dioxide (SO<sub>2</sub>); 196 pounds of Nitrogen Oxide (NO<sub>x</sub>), and 136 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.