

## A G E N D A



## Recommendation for Council Action

Austin City Council		Item ID	69164	Agenda Number	3.
Meeting Date:	4/6/2017			Department:	Austin Energy
Subject					
Authorize issuance of rebates to PSW Real Estate for the installation of solar electric systems on 147 single family residential homes and 48 condominium units located within six of their communities in Austin, for a total amount not to exceed \$351,061. (Districts 1, 2, 5, 9 and 10)					
Amount and Source of Funding					
Funding is available in the Fiscal Year 2016-2017 Operating Budget of Austin Energy.					
Fiscal Note					
A fiscal note is not required.					
Purchasing Language:					
Prior Council Action:					
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Solar Program Manager (512) 322-6055.				
Council Committee, Boards and Commission Action:	March 20, 2017 – Recommended by the Electric Utility Commission on a 6-0 vote with Hadden and Biedrzycki absent and with three vacancies. March 21, 2017 – Recommended by the Resource Management Commission on a vote of 8-0 with Gill and Santiago absent and with one vacancy.				
MBE / WBE:					
Related Items:					

## Additional Backup Information

Austin Energy requests authorization to issue rebates to PSW Real Estate for a total amount not to exceed \$351,061, for the installation of solar electric systems on 147 single family residential homes and 48 condominium units located within six of their communities in Austin. The communities are located at:

- Eastline - 2000 East 7th St. (District 1)
- Franklin Grove - 2001 E. M. Franklin Ave. (District 1)
- North Bluff - 813 N. Bluff Dr. (District 2)
- Lightsey Ridge - 1814 Lightsey Rd. (District 5)
- Parkside - 4020 Airport Blvd. (District 9)
- Cima Hills - 3704 Cima Serena (District 10)

The total installation cost is \$1,624,667 and the incentive will cover up to 22% of the cost. The ownership of the solar

photovoltaic (PV) systems will transfer to the buyers of the individual single family homes and condominium units upon sale of the property. The solar incentive level is \$0.70 per watt-DC for a portion of the applications, totaling 219.22 kW-DC, and \$0.60 per watt-DC for the remainder of the applications, totaling 329.35 kW-DC. The solar equipment, which meets Austin Energy program requirements, includes a total of 2,071 solar modules rated at 265 watts. The combined solar installations will have a total capacity of 455.31 kW-AC.

Austin Energy's solar program helps meet the community's solar goal of 950 MW by 2025, including 200 MW of local solar capacity, established in the updated Resource, Generation and Climate Protection Plan approved by City Council in December 2014. The solar program is designed to reduce the amount of electricity Austin Energy must purchase from the market and reduce associated greenhouse gas emissions.

These energy improvements will generate an estimated 797,065 kWh per year—enough to power 71 average Austin homes. This project is estimated to prevent the production of the following emissions each year: 528 tons of Carbon Dioxide (CO<sub>2</sub>); 665 pounds of Sulfur Dioxide (SO<sub>2</sub>); 735 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 511 pounds of Carbon Monoxide (CO). These emissions reductions are equivalent to planting 12,296 trees or 615 acres of forest in Austin's parks or the removal of 1,074,589 vehicle miles or 91 cars from Austin roadways.

The Austin City Council launched Austin Energy's original PV rebate incentive program in 2004 (Resolution No. 040527-06) to benefit Austin residents and utility customers by: promoting the use of an environmentally-friendly and energy efficient renewable energy resource; promoting economic development for the development, recruitment and retention of renewable energy enterprises; and ensuring that Austin remains a local, national and international leader in the development and use of renewable energy.