

Council Meeting Date: September 20, 2018

Posting Language:

Approve issuance of a rebate to the Austin Centre Unit Association, for performing energy efficiency improvements at its facility located at 701 Brazos St., in an amount not to exceed \$59,185.07. (District 9)

Fiscal Note:

Funding in the amount of \$59,185.07 is available in the Fiscal Year 2017-2018 Operating Budget of Austin Energy.

For More Information:

Jeff Vice, Director, Local Government Relations (512) 322-6087; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

Boards and Commission Action:

August 13, 2018 – Recommended unanimously by the Electric Utility Commission on a 9-0 vote with Vice Chair Hadden absent and one vacancy. August 21, 2018 – To be reviewed by the Resource Management Commission.

Additional Backup Information:

Austin Energy requests authorization to issue a rebate to Austin Centre Unit Association, in the amount of \$59,185.07, for energy efficiency measures at The Austin Centre Unit Association facility located at 701 Brazos St. in Council District 9. The energy efficiency measures include: water cooled centrifugal chillers and variable frequency drive condenser water pumps. The estimated total cost of these measures is \$1,600,000. The rebate will cover 3.7% of the total cost.

These improvements are in accordance with Austin Energy's Commercial Rebate Program guidelines and the Energy Conservation Audit and Disclosure (ECAD) Ordinance. The rebate program is one element of the comprehensive Austin Energy Resource, Generation and Climate Protection Plan to realize 900 MW of energy efficiency and demand response by 2025. It is designed in part to reduce local air pollution through energy conservation, reduce peak demand, reduce the need to purchase additional generation and assist customers in reducing electric consumption.

The avoided kilowatt-hours (kWh), estimated at 301,329 kWh per year, represent a major benefit to the local environment. This project is estimated to prevent the production of the following air emissions annually: 161 metric tons of Carbon Dioxide (CO₂). The project savings is equivalent to an estimated 362,229 vehicle miles traveled, the removal of 31 cars from our roadways, or the planting of 4,145 trees or 207 acres of forest in Austin's parks.



COMMERCIAL REBATE FACT SHEET

The Austin Centre Unit Association

Property Name	The Austin Centre Unit Association ("Austin Centre")			
Customer Name	Austin Centre Unit Association			
Property Address	701 Brazos St., Austin, TX 78701			
Total Square Feet	663,732			
Year Built	1985			
Air Conditioner Tonnage	1720			
Water Heater Type	District Cooling/Heating			
Energy Conservation Audit and Disclosure (ECAD) Status^[1]	Compliant			
Total Project Costs	\$1,600,000.00			
Total Rebate – Not to Exceed	\$59,185.07			
% of Total Construction Costs	3.70%			
Note(s)				
The facility contains 3 chillers: two large chillers and one pony (smaller) chiller. The pony chiller was determined to be redundant and will not receive a rebate.				
Project Annual Savings (Estimated)				
Kilowatt (kW)	170			
\$/kW	\$349.17			
Kilowatt-hours (kWh)	301,329			
Scope of Work				
Measure	Rebate Amount	kW Saved – Estimated	kWh Saved – Estimated	\$/kW
Water Cooled Centrifugal Chillers (2)	\$42,197.83	114	215,439	\$371.79
Variable Frequency Drive Condenser Water Pumps (2)	\$16,987.24	56	85,890	\$303.34
Total	\$59,185.07	170	301,329	\$349.17
Measures Performed - Last 10 Years at this Property		Completion Date	Rebate Amount	
Lighting Retrofit and Lighting Controls		7/18/2018	\$19,166.00	
Lighting Retrofit		9/27/2017	\$53,841.48	
Custom Technology (Elevators)		10/20/2015	\$18,245.78	

[1] Owner agrees to comply with TITLE 6. ENVIRONMENTAL CONTROL AND CONSERVATION. CHAPTER 6-7. ENERGY CONSERVATION code (ECAD Ordinance) prior to the issuance of the rebate payment.