





<div style="text-align: center;"> A U S T I N C I T Y C O U N C I L AGENDA </div> <div style="display: flex; justify-content: space-around;">     </div>				
Recommendation for Council Action				
Austin City Council	Item ID	54120	Agenda Number	
Meeting Date:	1/28/2016		Department:	Austin Energy
Subject				
<p>Approve issuance of a rebate to Riverside Resources, for the installation of energy efficiency measures at its office building located at 10901 Stonelake Blvd., in an amount not to exceed \$60,566 (District 9).</p>				
Amount and Source of Funding				
<p>Funding is available in the Fiscal Year 2015-2016 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.			
Council Committee, Boards and Commission Action:	January 19, 2016 – To be reviewed by the Resource Management Commission. January 25, 2016 – To be reviewed by the Electric Utility Commission.			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to issue a rebate to Riverside Resources in an amount not to exceed \$60,566 for energy efficiency measures installed at its Quarry Oaks Building III office building. This new development is located at 10901 Stonelake Blvd. in Council District 9.</p> <p>Quarry Oaks Building III is a 138,000 square foot office building and parking garage. The energy efficiency measures installed include high efficiency interior lighting, cooling towers, variable frequency drives, high efficiency electrically commutated motors and regenerative elevators that generate electricity when descending. The estimated total cost of installing the measures is \$1,504,348, and the rebate will cover approximately 4% of the total cost. The demand savings associated with this energy efficiency project are estimated at 189 kilowatts (kW) at a program cost of \$321 per kW saved.</p> <p>These improvements are in accordance with the Austin Energy's Commercial Rebate Program guidelines. This program is one of the elements of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan</p>				

to realize 700 MW of energy efficiency and 200 MW of demand response by 2025. The original plan, approved by City Council in April 2010 and updated in December 2014, 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 399,550 kWh per year represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 239.9 metric tons of Carbon Dioxide (CO₂), 0.151 metric tons of Sulfur Dioxide (SO₂) and 0.167 metric tons of Nitrogen Oxides (NO_x). The project savings are equivalent to an estimated 538,666 vehicle miles traveled, the removal of 46 cars from our roadways, the planting of 6,164 trees or 308 acres of forest in Austin's parks.

PROJECT FACT SHEET – Quarry Oaks III

Property Name	Quarry Oaks – Building III		
Customer Name	Riverside Resources		
Property Address	10901 Stonelake Blvd.		
ECAD Status New Construction - Exempt	Total Measure Costs	\$1,504,348	
	Total Rebate – Not to Exceed	\$60,566	
	% of Total Measure Costs	4%	

SCOPE OF WORK					
Measure	Rebate Amount	kW Saved Estimated	kWh Saved Estimated	Measure Costs	\$/kW
Interior Lighting	\$6,827	61.1	138,250	\$15,870	\$112
Exterior Lighting	\$124	1.7	6,077	\$72,785	\$75
Cooling Towers	\$3,121	12.5	17,042	\$748,693	\$250
Lighting Controls	\$1,143	10.7	30,708	\$2,000	\$107
Variable Frequency Drives	\$8,575	23.6	73,571	\$11,500	\$364
ECM Motors	\$3,032	8.7	28,153	\$45,000	\$350
Custom - Elevators	\$3,005	8.6	10,223	\$600,000	\$350
Direct Expansion Air Conditioning	\$34,739	62.0	95,526	\$8,500	\$560
Totals	\$60,566	189	399,550	\$1,504,348	\$321

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
None – New Construction	N/A	N/A

AE Commercial Energy Efficiency Program for FY2016 (as of December 2015)							
Program	kW Savings Goal	YTD kW Savings	% of Goal	Budget	YTD Dollars Spent	YTD Participation	\$/kW
Commercial Rebates	13,500	2,084	15.4%	\$3,227,000	\$1,018,714	50	\$488