





<div style="text-align: center;"> A U S T I N C I T Y C O U N C I L  <b>AGENDA</b> </div> <div style="display: flex; justify-content: space-around;">     </div>				
<b>Recommendation for Council Action</b>				
Austin City Council	<b>Item ID</b>	54118	<b>Agenda Number</b>	
<b>Meeting Date:</b>	1/28/2016		<b>Department:</b>	Austin Energy
Subject				
<p>Approve issuance of a rebate to NRE Edge LLC, for performing energy efficiency improvements at The Edge Apartments located at 1515 Wickersham Lane, in an amount not to exceed \$83,870 (District 3).</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>				
<b>Purchasing Language:</b>				
<b>Prior Council Action:</b>				
<b>For More Information:</b>	Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.			
<b>Council Committee, Boards and Commission Action:</b>	January 19, 2016 – To be reviewed by the Resource Management Commission. January 25, 2016 – To be reviewed by the Electric Utility Commission.			
<b>MBE / WBE:</b>				
<b>Related Items:</b>				
Additional Backup Information				
<p>Austin Energy requests authorization to issue a rebate to NRE Edge LLC, in an amount not to exceed \$83,870, for an energy efficiency measure completed at The Edge Apartments located at 1515 Wickersham Lane, in Council District 3.</p> <p>The property comprises 15 buildings and 270 apartment units, with a total of 280,500 square feet of conditioned space. The average rent for the one bedroom units is \$995 and the two bedroom units rent for \$1,150. The energy efficiency measure to be completed at this property is duct sealing. The estimated total cost of the project is \$104,838; the rebate will cover approximately 80% of the total cost.</p> <p>These improvements are in accordance with Austin Energy's Multifamily Rebate Program. This program is one of the elements of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan, 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,</p>				

reduce peak demand, reduce the need to purchase additional generation and assist customers in reducing electric consumption.

The avoided kilowatt hours (kWh) estimated at 472,488 kWh per year represents a major benefit to the local environment. This project is estimated to prevent the production of the following air pollutants: 283.7 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.198 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.179 metric tons of Sulfur Dioxide (SO<sub>2</sub>). The project savings is equivalent to an estimated 637,000 vehicle miles traveled, the removal of 54.4 cars from our roadways, or the planting of 7,289 trees or 364 acres of forest in Austin's parks.

## PROJECT FACT SHEET – The Edge Apartments/NRE Edge LLC

Property Name	The Edge Apartments		
Customer Name	NRE Edge LLC		
Property Address	1515 Wickersham Lane, Austin, TX 78741		
Average Rent:	1BR \$995 / 2BR \$1,150		
Number of Units	270	Contractor	Leelynn Energy Solutions
Housing Type:	Market Rate	Total Measure Costs	\$104,838
FY 2015 Average Median Family Income <sup>1</sup>	\$76,800	Total Rebate – Not to Exceed	\$83,870
Average Income for 78741	\$30,871	% of Total Measure Costs	80%
ECAD Status	In Compliance	Rebate per Unit	\$311

PROJECT ANNUAL SAVINGS AT 100% OCCUPANCY		SCOPE OF WORK
kW Saved – Estimated	210	Duct Sealing – Furrdown (99%) and Up-flow (1%)
\$/kW – Estimated	\$400	
kWh Saved – Estimated	472,488	

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$16.04 <sup>2</sup>

Measures Performed in last 10 Years at The Edge Apartments	Completion Date	Rebate Amount
Compact Fluorescent Lightbulbs	2008	\$36,051

Multifamily Program Averages for Duct Seal – Previous 1 Year Participation					
Measure	Avg\$/kW	% of project cost paid	Avg kWh per project	Avg # of Units per Project	Avg annual dollar savings per customer
Duct Seal	\$583	89%	121,951	126	\$96

<sup>1</sup> For a four person household in Austin. Source 2015 HOME Program Income Limits by Household Size. City of Austin, Neighborhood Housing and Community Development Office

<sup>2</sup> Calculation based on 0.11 cents per kWh