



FACT SHEET: ENERGY EFFICIENCY REBATE (COMMERCIAL)

McNeil High School

Property Name	McNeil High School																		
Customer Name	Round Rock ISD																		
Property Address	5720 McNeil Drive, Austin, Texas, 78729																		
Total Square Feet	234,626																		
Year Built	1988																		
Energy Conservation Audit and Disclosure (ECAD) Status¹	Exempt																		
Total Measure Costs	\$896,830																		
Total Rebate – Not to Exceed	\$70,265																		
% of Total Measure Costs	7.83%																		
Note(s)																			
<p>Estimated cost breakdown:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Total Measure Cost</th> <th style="text-align: left;">Percent of Total Cost</th> <th style="text-align: left;">Measure</th> </tr> </thead> <tbody> <tr> <td>\$450,000</td> <td>50%</td> <td>Water Cooled Chillers</td> </tr> <tr> <td>\$236,830</td> <td>26%</td> <td>Variable Frequency Drives</td> </tr> <tr> <td><u>\$210,000</u></td> <td><u>24%</u></td> <td>Cooling Tower</td> </tr> <tr> <td>\$896,830</td> <td>100%</td> <td></td> </tr> </tbody> </table> <p>Approximately \$450,000 of the \$896,830 'Total Measure Costs', or 50%, is for the Water Cooled Chillers measure. The Variable Frequency Drives are the next largest component at \$236,830, or 26%, and the Cooling Tower comprises the remainder at \$210,000, or 24% of the 'Total Measure Costs'.</p>					Total Measure Cost	Percent of Total Cost	Measure	\$450,000	50%	Water Cooled Chillers	\$236,830	26%	Variable Frequency Drives	<u>\$210,000</u>	<u>24%</u>	Cooling Tower	\$896,830	100%	
Total Measure Cost	Percent of Total Cost	Measure																	
\$450,000	50%	Water Cooled Chillers																	
\$236,830	26%	Variable Frequency Drives																	
<u>\$210,000</u>	<u>24%</u>	Cooling Tower																	
\$896,830	100%																		
Scope of Work																			
Air conditioning retrofit utilizing two water-cooled chillers, one cooling tower, and 12 variable frequency drives.																			
Project Annual Savings (Estimated)																			
Kilowatts (kW)	226.60																		
\$/kW	\$310.08																		
Kilowatt-hours (kWh)	510,961																		
Scope of Work																			
Measure	Rebate Amount	kW Saved – Estimated	kWh Saved – Estimated	\$/kW															
Water Cooled Chillers	\$31,500.00	84.70	178,461	\$371.90															
Cooling Tower	\$18,299.03	73.81	232,863	\$247.93															
Variable Frequency Drives ²	\$20,464.05	68.09	99,637	\$300.53															

¹ State and federal government buildings are exempt from the City's jurisdiction regarding ECAD requirements.

² Variable Frequency Drives (VFDs) adjust the speed of a pump or motor by varying its input frequency and voltage, thereby reducing its peak power when full speed is not required.