



FACT SHEET: ENERGY EFFICIENCY REBATE (COMMERCIAL)

Domain 8 Office

Property Name	Domain 8 Office			
Customer Name	Domain Junction 8 LLC			
Property Address	11601 Alterra Parkway, Austin, TX, 78758			
Total Square Feet	234,626			
Year Built	2017			
Energy Conservation Audit and Disclosure (ECAD) Status ¹	Exempt – New Construction is exempt from ECAD requirements.			
Total Measure Costs	\$2,810,600			
Total Rebate – Not to Exceed	\$89,645			
% of Total Measure Costs	3.19%			
Note(s)				
Estimated cost breakdown:				
Total Measure Cost	Percent of Total Cost	Measure		
\$1,400,000	51.0%	Regenerative Elevators		
703,000	25.0%	Lighting		
367,000	13.0%	Water-Cooled Centrifugal Chillers		
198,000	7.0%	Cooling Towers		
44,000	1.5%	HVAC		
42,000	1.5%	Variable Frequency Drives		
20,000	1.0%	Electronically-Commutated Motors		
\$2,800,000	100.0%			
Approximately \$1.4 million of the \$2.8 million ‘Total Measure Cost’, or 51%, is for the Regenerative Elevators measure. Lighting is the next largest component at \$703,000, or 25%, of the ‘Total Measure Cost’. Water Cooled Centrifugal Chillers is the third largest, at approximately \$367,000, or 13%, of the cost. The Cooling Towers are \$198,000, at 7%. Each remaining component is less than 2% of the ‘Total Measure Cost’.				
Scope of Work				
Air conditioning utilizing water-cooled chillers and cooling towers, regenerative elevators, electronically-commutated motors, high-efficiency lighting, and variable frequency drives.				
Project Annual Savings (Estimated)				
Kilowatt (kW)	280.67			
\$/kW	\$319.40			
Kilowatt-hours (kWh)	599,880			
Scope of Work				
Measure	Rebate Amount	kW Saved – Estimated	kWh Saved – Estimated	\$/kW
Air Conditioning	\$504.27	0.70	8,707	\$723.25
Regenerative Elevators ²	\$11,751.25	42.58	95,424	\$275.95
Water Cooled Chiller	\$34,995.61	75.29	117,458	\$464.78
Cooling Towers	\$5,505.98	17.77	58,490	\$309.92
Electronically-Commutated Motors ³	\$505.32	1.68	4,844	\$300.69
High-Efficiency Lighting	\$7,152.81	64.86	196,729	\$110.28
Variable Frequency Drives ⁴	\$29,229.72	77.79	118,228	\$375.77

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. Since this is a new construction property, benchmark energy usage is not required for the ECAD Ordinance until construction is complete and 12 months of utility data have been collected.

² Regenerative is a type of elevator that recycles energy rather than wasting it as heat. When the elevator cab travels down with a heavy load or up with a light load, the motor acts as a generator, transforming mechanical power into electrical power.

³ Electronically-Commutated Motors (ECMs) control the speed and torque of the motor through pulses of current, reducing peak power when full speed is not required.

⁴ 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.