



# Building Dashboard

DPW Offices			189 Wells Street																														
Building Data																																	
Structural Details		HVAC		Condition	Equipment	Type/age																											
Year Built	2018	Heating System	VRF Heat Pumps + Steibel Eltron wall heaters for bathrooms	EXCELLENT	Interior Lighting	LED																											
Square footage	1,500	Air Conditioning	VRF Heat Pumps	EXCELLENT	Exterior Lighting	LED																											
Envelope	Exterior Walls = 2"x6" walls insulated dense pack cellulose + 2" polyiso foam on exterior. Vinyl siding	Ventilation	Energy Recovery Units	EXCELLENT																													
Roof	7/12 pitch, 30-year Iko Cambridge Architectural shingles. Cool vent	Hot Water Heater	Electric (20 gallon Rheem)	EXCELLENT																													
Windows	U Factor = 0.32. Anderson 400 with low-e glass. Double-pane																																
Insulation	Exterior Walls = R-34. 2"x6" walls insulated dense pack cellulose + 2" polyiso foam on exterior. R-10 Concrete floor (2" extruded foam). R-18 Foundation wall (2-1/2" Thermax Foam). R-60 Flat ceilings (1'7" cellulose). R-21 Blockers and runners (3" sprayed closed cell fiber).																																
Building Summary	New Building in 2018 - High Performance, very energy efficient																																
Energy Profile - FY 2018/19			<table border="1"> <caption>FY 2018/19 Electric Monthly Usage</caption> <thead> <tr> <th>Month</th> <th>Usage (kWh)</th> </tr> </thead> <tbody> <tr><td>Nov</td><td>300</td></tr> <tr><td>Dec</td><td>1200</td></tr> <tr><td>Jan</td><td>1900</td></tr> <tr><td>Feb</td><td>2200</td></tr> <tr><td>Mar</td><td>1900</td></tr> <tr><td>Apr</td><td>1400</td></tr> <tr><td>May</td><td>1000</td></tr> <tr><td>Jun</td><td>600</td></tr> <tr><td>Jul</td><td>700</td></tr> <tr><td>Aug</td><td>900</td></tr> <tr><td>Sep</td><td>700</td></tr> <tr><td>Oct</td><td>500</td></tr> <tr><td>Nov</td><td>300</td></tr> </tbody> </table>			Month	Usage (kWh)	Nov	300	Dec	1200	Jan	1900	Feb	2200	Mar	1900	Apr	1400	May	1000	Jun	600	Jul	700	Aug	900	Sep	700	Oct	500	Nov	300
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Energy Efficiency (BTU per Square Foot)																																	
Electric	Total																																
31,315	31,315																																
If Total is ≤ 40K Great!	40K-80K OK	>80K Needs Work																															
Annual Energy Cost																																	
Electric	Total																																
\$2,891	\$2,891																																
Electric Service Rate Class	<a href="#">GO</a>																																
Average Monthly Demand (kW)	30																																
Project Details																																	
Fiscal Year	Project	Cost	Rebate/ Grant	Life Expectancy	Warranty																												
2019	New modular high efficiency DPW office building	\$359,153	varied by equipment	40+ years	packet with warranty information for individual components.																												