

Town of Windsor, Dept of Maintenance Garage

Electrical Loads		Load
HVAC	KW	KW
Heat pumps with electrical heat	35.74	35.74
Radiant Heaters	(10) 19 KW KW	190
Under floor radiant heat		126
Wall and ceiling heaters		18.5
Fans	10	10
(3) Vehicle Exhaust Fans	4 KW Each	12
Plumbing:		
Water Heater	4	4
(10) Overhead doors	1.7 KW each	17
Hoist		10
Lighting		9.3
Shop Equipment:		
Compressor		6.8
(2) Mig Welder		13.6
Plasma Cutter		9.6
Pressure Wash		9.6
Miscellaneous (Office equipment, hose saw, crimper, drill press and pantry appliances, etc.)	1.5 W/SF	25.443
Other two Buildings	40	40
Subtotal		537.583
Safety factor, 125%		134.39575
Total		671.97875