

Measure Name	Measure Value	% Energy Savings	% GHG Savings	% Peak Savings	npv_total_per_m_sq	bc_step_code_tedi_kwh_per_m_sq	Envelope (\$/m2)	Heating & Cooling (\$/m2)	Lighting (\$/m2)	SHW (\$/m2)	Ventilation & Ductwork (\$/m2)	Total (\$/m2)
.electrical_loads_scale	0.5	12.30	-13.90	14.50	499.56	14.78	0.00	-0.50	0.00	0.00	3.80	3.30
.shw_scale	0.25	9.60	32.40	0.40	512.87	12.09	0.00	0.00	0.00	1.10	0.00	1.10
.lights_scale	0.50	9.40	-9.20	14.00	505.36	13.79	0.00	-0.50	0.00	0.00	3.10	2.60
.shw_scale	0.5	6.40	21.60	0.20	516.41	12.01	0.00	0.00	0.00	0.80	0.00	0.80
.fixed_wind_solar_trans	0.2	5.90	-12.80	16.20	489.82	13.90	-1.20	4.10	0.00	0.00	20.00	22.90
.fixed_wind_solar_trans	0.3	4.20	-8.80	12.20	496.24	13.34	-2.60	2.60	0.00	0.00	19.70	19.70
.infiltration_scale	0.5	3.50	15.00	1.40	519.58	8.52	0.00	1.10	0.00	0.00	-0.10	1.00
.daylighting_type	add_daylighting_controls	3.40	-1.60	5.70	519.89	12.19	0.00	0.00	-4.10	0.00	2.30	-1.80
.shw_scale	0.75	3.20	11.00	0.10	519.70	11.88	0.00	0.00	0.00	0.60	0.00	0.60
.fixed_wind_solar_trans	0.4	2.90	-4.90	8.10	506.17	12.68	-1.40	2.60	0.00	0.00	11.10	12.30
.nv_type	add_nv	2.70	0.90	-0.20	522.40	11.69	0.00	0.00	0.00	0.00	-2.80	-2.80
.fixed_wind_solar_trans	0.5	1.90	-2.10	3.80	513.95	12.18	-1.40	-0.10	0.00	0.00	7.90	6.40
.dcv_type	CO2_based_DCV	1.30	3.40	0.70	523.90	11.11	0.00	0.00	0.00	0.00	-1.80	-1.80
.boiler_eff	Viessmann Vitocrossal 300 CT3-17 96.2% Efficient Condensing Gas Boiler	1.30	4.70	0.00	523.42	11.81	0.00	-1.10	0.00	0.00	0.00	-1.10
.fixed_window_cond	1.6	0.60	2.80	0.80	531.02	11.22	-8.20	0.30	0.00	0.00	0.00	-7.90
.ground_floor_cond	0.379	0.50	2.70	-0.70	525.48	11.32	-2.10	0.00	0.00	0.00	0.00	-2.40
.shw_eff	Natural Gas Power Vent with Electric Ignition	0.50	1.70	0.00	523.11	11.81	0.00	0.00	0.00	0.00	0.00	0.00
.chiller_type	VSD	0.40	-0.20	2.00	524.96	11.86	0.00	-2.10	0.00	0.00	0.00	-2.10
.ext_wall_cond	0.183	0.30	1.70	0.10	526.23	11.46	-3.10	0.20	0.00	0.00	0.00	-2.90
.dcv_type	Occupancy_based_DCV	0.30	0.90	0.10	524.09	11.61	0.00	0.00	0.00	0.00	-0.90	-0.90
.ext_wall_cond	0.21	0.20	0.90	0.00	524.87	11.63	-1.60	0.10	0.00	0.00	0.00	-1.50
.ext_package	Rotary-Existing	0.10	0.10	0.70	523.38	11.91	0.00	0.00	0.00	0.00	0.00	0.00
.ext_roof_cond	0.121	0.10	0.40	0.00	524.66	11.73	-1.20	0.00	0.00	0.00	0.00	-1.20
.ext_package	Rotary-All	0.10	0.10	0.70	523.38	11.91	0.00	0.00	0.00	0.00	0.00	0.00
.ext_package	Plate-Existing	-0.10	-0.40	0.30	523.59	11.97	0.00	0.00	0.00	0.00	0.00	0.00
.ext_wall_cond	0.247	-0.10	-0.30	0.00	523.42	11.87	0.30	-0.10	0.00	0.00	0.00	0.20
.ext_roof_cond	0.162	-0.10	-0.50	0.00	522.17	11.91	1.70	-0.10	0.00	0.00	0.00	1.50
.ext_package	Plate-All	-0.10	-0.40	0.30	523.59	11.97	0.00	0.00	0.00	0.00	0.00	0.00
.ext_roof_cond	0.193	-0.20	-0.80	-0.10	521.07	12.00	2.90	-0.20	0.00	0.00	0.00	2.70
.ext_roof_cond	0.183	-0.30	-1.00	-0.10	522.04	12.02	2.00	-0.20	0.00	0.00	0.00	1.80
.ext_wall_cond	0.278	-0.30	-1.20	-0.10	523.08	12.08	0.90	-0.30	0.00	0.00	0.00	0.70
.ext_wall_cond	0.314	-0.50	-2.40	0.70	521.42	12.36	2.80	-0.30	0.00	0.00	0.00	2.50
.ext_roof_cond	0.227	-0.50	-1.70	-0.10	520.61	12.17	3.60	-0.20	0.00	0.00	-0.10	3.40
.airloop_economizer_type	DifferentialDryBulb	-1.00	-1.70	-0.10	524.08	11.82	0.00	0.00	0.00	0.00	0.00	0.00
.fixed_window_cond	2.2	-2.30	-15.90	0.20	504.94	14.18	21.50	-1.10	0.00	0.00	0.00	20.50
.fixed_window_cond	2.4	-3.40	-15.80	0.40	499.88	15.17	27.70	-1.50	0.00	0.00	0.20	26.50
.ecm_system_name	HS08_CCASHP_VRF	0.00	0.00	0.00	504.87	9.17	0.00	0.00	0.00	0.00	0.00	0.00
.ecm_system_name	HS13_ASHP_VRF	0.00	0.00	0.00	503.30	9.17	0.00	0.00	0.00	0.00	0.00	0.00
.ecm_system_name	HS12_ASHP_Baseboard	0.00	0.00	0.00	560.03	6.27	0.00	0.00	0.00	0.00	0.00	0.00
.ecm_system_name	HS14_CGSHF_FanCoils	0.00	0.00	0.00	517.00	6.76	0.00	0.00	0.00	0.00	0.00	0.00
.ecm_system_name	HS09_CCASHP_Baseboard	0.00	0.00	0.00	551.98	6.26	0.00	0.00	0.00	0.00	0.00	0.00
.ecm_system_name	HS11_ASHP_PTHP	0.00	0.00	0.00	451.96	9.79	0.00	0.00	0.00	0.00	0.00	0.00





































