

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)
:shw_scale	0.25	25.70	39.20	3.10	812.71	31.97	0.00	0.00	0.00	4.60	0.00	4.60
:shw_scale	0.5	16.60	25.30	1.60	824.19	31.44	0.00	0.00	0.00	4.60	0.00	4.60
:dcv_type	CO2_based_DCV	9.50	15.20	4.20	853.58	15.79	0.00	0.00	0.00	0.00	-14.10	-14.10
:shw_scale	0.75	8.90	13.70	0.80	838.24	30.94	0.00	0.00	0.00	0.20	0.00	0.20
:erv_package	Plate-Existing	7.90	12.10	1.10	839.38	18.88	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Plate-All	7.90	12.10	1.10	839.38	18.88	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Rotary-Existing	7.70	11.90	2.10	839.84	19.08	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Rotary-All	7.70	11.90	2.10	839.84	19.08	0.00	0.00	0.00	0.00	0.00	0.00
:electrical_loads_scale	0.5	4.40	-1.00	9.70	819.83	32.91	0.00	0.20	0.00	0.00	0.00	0.20
:infiltration_scale	0.5	3.80	5.70	2.60	843.04	25.07	0.00	1.30	0.00	0.00	0.10	1.40
:fixed_wind_solar_trans	0.3	3.00	-5.70	13.50	809.87	37.68	-5.70	10.30	0.00	0.00	-0.50	4.10
:fixed_wind_solar_trans	0.2	2.70	-8.90	17.70	798.61	41.06	-2.60	10.50	0.00	0.00	-0.50	7.40
:fixed_wind_solar_trans	0.4	2.40	-3.30	8.60	821.68	34.79	-3.00	7.30	0.00	0.00	-1.30	3.00
:lights_scale	0.50	2.30	-0.80	4.60	833.72	32.03	0.00	-0.50	0.00	0.00	0.00	-0.50
:mv_type	add_mv	2.10	0.60	-0.30	865.17	30.52	0.00	0.00	0.00	0.00	-26.40	-26.40
:fixed_window_cond	1.6	1.60	2.70	0.40	886.44	27.89	-39.10	0.40	0.00	0.00	0.00	-38.80
:boiler_eff	Viessmann Vitocrossal 300 CT3-17 96.2% Efficient Condensing Gas Boiler	1.40	2.20	0.00	847.68	30.45	0.00	0.00	0.00	0.00	0.00	0.00
:fixed_wind_solar_trans	0.5	1.40	-1.40	3.70	839.11	32.38	-3.00	2.40	0.00	0.00	-1.70	-2.30
:shw_eff	Natural Gas Power Vent with Electric Ignition	1.10	1.80	0.00	847.99	30.45	0.00	0.00	0.00	0.00	0.00	0.00
:dcv_type	Occupancy_based_DCV	1.10	1.70	0.10	855.14	28.81	0.00	0.00	0.00	0.00	0.20	-7.20
:daylighting_type	add_daylighting_controls	0.80	0.00	4.80	853.40	30.75	0.00	0.00	0.00	0.00	0.00	-9.40
:ext_wall_cond	0.183	0.70	1.10	0.40	859.30	29.46	-11.50	0.30	0.00	0.00	0.00	-11.10
:ext_roof_cond	0.121	0.60	0.80	0.20	856.74	29.77	-9.10	0.20	0.00	0.00	0.00	-8.90
:ext_wall_cond	0.21	0.50	0.70	0.30	856.45	29.79	-8.10	0.10	0.00	0.00	0.00	-8.00
:ext_roof_cond	0.138	0.30	0.40	0.10	851.79	30.10	-3.40	0.00	0.00	0.00	0.00	-3.30
:ext_roof_cond	0.142	0.20	0.30	0.10	851.16	30.17	-2.50	0.00	0.00	0.00	0.00	-2.50
:adv_dx_units	Lennox Model L Ultra High Efficiency	0.20	0.10	0.80	851.76	30.45	0.00	0.00	0.00	0.00	-3.00	-3.60
:ext_wall_cond	0.247	0.20	0.20	0.10	851.42	30.23	-2.50	0.00	0.00	0.00	0.00	-2.50
:ground_floor_cond	0.379	0.10	0.50	-0.30	860.21	29.97	-9.80	-0.20	0.00	0.00	-0.10	-10.10
:ext_roof_cond	0.162	-0.10	-0.10	0.00	845.17	30.56	4.20	0.00	0.00	0.00	0.00	4.20
:ext_wall_cond	0.278	-0.10	-0.20	-0.10	847.73	30.60	1.60	0.00	0.00	0.00	0.00	1.60
:ext_wall_cond	0.314	-0.40	-0.60	-0.20	847.72	31.03	2.00	0.00	0.00	0.00	0.00	2.00
:ext_roof_cond	0.183	-0.50	-0.60	-0.10	844.54	30.97	5.70	-0.10	0.00	0.00	0.00	5.60
:ext_roof_cond	0.193	-0.60	-0.80	-0.20	840.73	31.16	10.00	-0.20	0.00	0.00	0.00	9.80
:ext_roof_cond	0.227	-1.20	-1.50	-0.30	838.60	31.81	13.40	-0.20	0.00	0.00	-0.10	13.10
:fixed_window_cond	2.2	-1.70	-2.80	-0.30	823.13	33.08	28.50	-0.60	0.00	0.00	0.00	27.80
:fixed_window_cond	2.4	-3.00	-4.70	-0.60	810.55	34.89	43.00	-1.00	0.00	0.00	-0.40	41.60
:airloop_economizer_type	DifferentialDryBulb	-14.70	-25.80	0.00	856.80	55.26	0.00	0.00	0.00	0.00	0.00	0.00
:airloop_economizer_type	DifferentialEnthalpy	-14.80	-25.80	0.00	857.45	55.26	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS11_ASHP_PTHP	0.00	0.00	0.00	832.43	37.29	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS13_ASHP_VRF	0.00	0.00	0.00	951.13	36.94	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS08_CCASHP_VRF	0.00	0.00	0.00	976.15	36.94	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS09_CCASHP_Baseboard	0.00	0.00	0.00	869.23	30.40	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS14_CGSHP_FanCoils	0.00	0.00	0.00	1063.28	36.13	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS12_ASHP_Baseboard	0.00	0.00	0.00	847.38	30.40	0.00	0.00	0.00	0.00	0.00	0.00







































