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	25.90	39.80	3.00	780.35	32.66	0.00	0.00	0.00	4.30	0.00	4.30
:shw_scale	0.5	17.20	26.50	1.80	792.59	32.15	0.00	0.00	0.00	2.00	0.00	2.00
:dcv_type	CO2_based_DCV	9.20	15.60	4.50	822.75	16.69	0.00	0.00	0.00	0.00	-14.80	-14.80
:shw_scale	0.75	8.60	13.20	0.90	803.52	31.66	0.00	0.00	0.00	0.90	0.00	0.90
:erv_package	Rotary-Existing	7.90	12.10	2.50	805.01	20.21	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Rotary-All	7.90	12.10	2.50	805.01	20.21	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Plate-Existing	7.90	12.20	1.20	805.44	20.02	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Plate-All	7.90	12.20	1.20	805.44	20.02	0.00	0.00	0.00	0.00	0.00	0.00
:infiltration_scale	0.5	5.50	7.90	3.40	802.47	24.05	0.00	3.40	0.00	0.00	0.20	3.60
:fixed_wind_solar_trans	0.3	2.30	-6.20	15.90	774.04	38.38	-5.20	8.50	0.00	0.00	5.30	8.60
:fixed_wind_solar_trans	0.4	2.10	-3.40	10.90	784.17	35.41	-2.80	6.10	0.00	0.00	4.60	7.90
:nv_type	add_nv	2.00	0.50	-1.20	825.26	31.38	0.00	0.00	0.00	0.00	-20.90	-20.90
:fixed_wind_solar_trans	0.2	1.80	-9.80	21.50	758.81	42.14	-2.40	13.90	0.00	0.00	4.70	16.20
:fixed_window_cond	1.6	1.70	2.60	0.20	846.78	28.77	-35.90	1.30	0.00	0.00	0.00	-34.50
:electrical_loads_scale	0.5	1.40	-7.30	9.00	781.96	33.54	0.00	2.70	0.00	0.00	0.10	2.70
:boiler_eff	Viessmann Vitocrossal 300 CT3-17 96.2% Efficient Condensing Gas Boiler	1.30	2.10	0.00	812.74	31.18	0.00	0.00	0.00	0.00	0.00	0.00
:daylighting_type	add_daylighting_controls	1.20	-0.10	6.40	814.61	31.60	0.00	0.00	-10.10	0.00	2.40	-7.60
:fixed_wind_solar_trans	0.5	1.20	-1.50	5.60	799.35	33.10	-2.80	3.30	0.00	0.00	2.80	3.40
:shw_eff	Natural Gas Power Vent with Electric Ignition	1.20	1.90	0.00	812.86	31.18	0.00	0.00	0.00	0.00	0.00	0.00
:dcv_type	Occupancy_based_DCV	1.10	1.70	0.50	820.42	29.60	0.00	0.00	0.00	0.00	-7.40	-7.40
:ext_wall_cond	0.183	0.70	1.00	0.20	820.31	30.24	-8.00	0.70	0.00	0.00	0.00	-7.30
:ext_wall_cond	0.21	0.50	0.70	0.10	817.47	30.55	-4.70	0.60	0.00	0.00	0.00	-4.10
:ext_roof_cond	0.121	0.40	0.40	0.20	817.54	30.79	-4.60	0.50	0.00	0.00	0.00	-4.20
:adv_dx_units	Lennox Model L Ultra High Efficiency	0.30	0.10	2.20	815.00	31.18	0.00	0.00	0.00	0.00	-2.40	-2.40
:ext_wall_cond	0.247	0.20	0.20	0.00	814.75	30.97	-0.90	0.00	0.00	0.00	0.00	-0.90
:adv_dx_units	Carrier WeatherExpert	0.20	0.10	1.80	813.54	31.18	0.00	0.00	0.00	0.00	-0.60	-0.60
:ext_roof_cond	0.138	0.20	0.20	0.10	815.00	30.98	-1.70	0.40	0.00	0.00	0.00	-1.30
:ext_roof_cond	0.142	0.10	0.20	0.10	814.68	31.03	-1.30	0.40	0.00	0.00	0.00	-0.90
:chiller_type	VSD	-0.10	0.00	0.20	855.86	31.18	0.00	-41.40	0.00	0.00	0.00	-41.40
:ext_wall_cond	0.278	-0.10	-0.20	0.00	813.64	31.33	0.60	0.00	0.00	0.00	0.00	0.60
:ext_roof_cond	0.162	-0.10	-0.10	0.00	812.08	31.24	2.10	0.00	0.00	0.00	0.00	2.10
:lights_scale	0.50	-0.30	-7.00	5.70	790.73	32.83	0.00	2.00	0.00	0.00	2.10	4.10
:ext_roof_cond	0.183	-0.30	-0.30	-0.20	811.73	31.47	2.90	0.00	0.00	0.00	0.00	2.90
:ground_floor_cond	0.379	-2.20	-5.00	-0.20	815.27	31.05	-5.00	2.00	0.00	0.00	-0.30	-3.40
:ext_roof_cond	0.193	-3.30	-6.70	-0.20	805.97	31.57	5.10	2.10	0.00	0.00	0.00	7.10
:ext_wall_cond	0.314	-3.40	-6.90	-0.10	806.40	31.73	4.50	2.10	0.00	0.00	0.00	6.60
:ext_roof_cond	0.227	-3.60	-7.10	-0.40	804.91	31.94	6.80	2.00	0.00	0.00	0.00	8.80
:fixed_window_cond	2.2	-4.80	-9.20	-0.20	786.40	33.67	26.10	1.80	0.00	0.00	0.00	28.00
:fixed_window_cond	2.4	-6.10	-11.10	-0.30	774.69	35.38	39.50	1.60	0.00	0.00	0.00	41.10
:airloop_economizer_type	DifferentialDryBulb	-15.10	-25.80	0.00	823.32	54.96	0.00	0.00	0.00	0.00	0.00	0.00
:airloop_economizer_type	DifferentialEnthalpy	-15.20	-25.80	0.00	823.76	54.96	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS11_ASHP_PTHP	0.00	0.00	0.00	813.87	39.24	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS14_CGSHP_FanCoils	0.00	0.00	0.00	1012.99	38.30	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS09_CCASHP_Baseboard	0.00	0.00	0.00	815.01	31.82	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS12_ASHP_Baseboard	0.00	0.00	0.00	801.39	31.82	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS08_CCASHP_VRF	0.00	0.00	0.00	992.57	39.20	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS13_ASHP_VRF	0.00	0.00	0.00	976.29	39.20	0.00	0.00	0.00	0.00	0.00	0.00

Sensitivity of :erv_package by EUI

Sensitivity of :erv_package by Costing

Sensitivity of :dcv_type by EUI

Sensitivity of :dcv_type by Costing

Sensitivity of :ext_wall_cond by EUI

Sensitivity of :ext_wall_cond by Costing

Sensitivity of :fixed_wind_solar_trans by EUI

Sensitivity of :fixed_wind_solar_trans by Costing

Sensitivity of :airloop_economizer_type by EUI

Sensitivity of :airloop_economizer_type by Costing

Sensitivity of :ground_floor_cond by EUI

Sensitivity of :ground_floor_cond by Costing

Sensitivity of :fixed_window_cond by EUI

Sensitivity of :fixed_window_cond by Costing

Sensitivity of :daylighting_type by EUI

Sensitivity of :daylighting_type by Costing

:adv_dx_units

Sensitivity of :adv_dx_units by EUI

Sensitivity of :adv_dx_units by Costing

Sensitivity of :ext_roof_cond by EUI

Sensitivity of :ext_roof_cond by Costing

Sensitivity of :electrical_loads_scale by EUI

Sensitivity of :electrical_loads_scale by Costing

Sensitivity of :shw_scale by EUI

Sensitivity of :shw_scale by Costing

:boiler_eff
● Viessmann Vitocrossal 300 CT3-17 96.2% Efficient Condensing Gas Boiler
● NECB_Default

Sensitivity of :boiler_eff by EUI

Sensitivity of :boiler_eff by Costing

Sensitivity of :ecm_system_name by EUI

Sensitivity of :ecm_system_name by Costing

Sensitivity of :lights_scale by EUI

Sensitivity of :lights_scale by Costing

Sensitivity of :shw_eff by EUI

Sensitivity of :shw_eff by Costing

Sensitivity of :chiller_type by EUI

Sensitivity of :chiller_type by Costing

Sensitivity of :nv_type by EUI

Sensitivity of :nv_type by Costing

Sensitivity of :infiltration_scale by EUI

Sensitivity of :infiltration_scale by Costing