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	29.60	29.60	15.50	617.25	39.30	0.00	0.00	0.00	7.40	0.00	7.40
:shw_scale	0.5	19.70	19.70	10.80	645.26	38.78	0.00	0.00	0.00	2.60	0.00	2.60
:dcv_type	CO2_based_DCV	14.60	14.60	3.50	671.88	12.44	0.00	0.00	0.00	0.00	-12.00	-12.00
:erv_package	Plate-Existing	11.10	11.10	0.00	668.12	21.36	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Plate-All	11.10	11.10	0.00	668.12	21.36	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Rotary-Existing	10.70	10.70	0.00	669.04	21.64	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Rotary-All	10.70	10.70	0.00	669.04	21.64	0.00	0.00	0.00	0.00	0.00	0.00
:shw_scale	0.75	9.80	9.80	5.90	673.09	38.27	0.00	0.00	0.00	-2.10	0.00	-2.10
:electrical_loads_scale	0.5	5.40	5.40	-0.80	680.96	40.22	0.00	0.50	0.00	0.00	-0.10	0.50
:lights_scale	0.50	3.10	3.10	-0.30	686.25	39.16	0.00	0.50	0.00	0.00	-0.10	0.40
:dcv_type	Occupancy_based_DCV	1.80	1.80	4.70	695.02	34.99	0.00	0.00	0.00	0.00	-5.20	-5.20
:infiltration_scale	0.5	1.70	1.70	1.30	689.86	34.67	0.00	0.20	0.00	0.00	0.00	0.20
:fixed_wind_solar_trans	0.3	1.70	1.70	-2.90	684.37	42.38	-3.50	6.80	0.00	0.00	2.40	5.70
:nv_type	add_nv	1.50	1.50	0.00	712.54	37.87	0.00	0.00	0.00	0.00	-22.10	-22.10
:fixed_wind_solar_trans	0.4	1.50	1.50	-2.10	686.38	40.60	-1.80	4.50	0.00	0.00	1.60	4.20
:fixed_wind_solar_trans	0.2	1.40	1.40	-3.70	681.95	44.39	-1.60	7.70	0.00	0.00	2.70	8.80
:fixed_wind_solar_trans	0.5	0.90	0.90	-1.10	690.10	39.04	-1.80	3.10	0.00	0.00	0.50	1.80
:daylighting_type	add_daylighting_controls	0.50	0.50	0.00	699.44	37.86	0.00	0.10	-6.60	0.00	0.00	-6.50
:adv_dx_units	Carrier WeatherExpert	0.20	0.20	0.00	694.27	37.78	0.00	0.00	0.00	0.00	-0.60	-0.60
:adv_dx_units	Lennox Model L Ultra High Efficiency	0.20	0.20	0.00	692.37	37.78	0.00	0.00	0.00	1.20	0.00	1.20
:ground_floor_cond	0.379	0.10	0.10	0.50	696.65	37.46	-2.80	-0.10	0.00	0.00	0.00	-2.90
:ext_wall_cond	0.183	0.10	0.10	0.30	694.77	37.61	-1.10	0.10	0.00	0.00	0.00	-1.00
:ext_roof_cond	0.142	-0.20	-0.20	-0.20	692.25	38.03	2.20	0.00	0.00	0.00	0.00	2.20
:ext_roof_cond	0.138	-0.20	-0.20	-0.20	692.41	37.99	2.00	0.00	0.00	0.00	0.00	2.00
:ext_wall_cond	0.21	-0.30	-0.30	-1.00	692.29	38.25	2.60	-0.10	0.00	0.00	-0.10	2.40
:ext_roof_cond	0.162	-0.30	-0.30	-0.40	690.73	38.24	4.10	0.00	0.00	0.00	0.00	4.10
:ext_roof_cond	0.183	-0.50	-0.50	-0.60	690.97	38.45	4.50	-0.20	0.00	0.00	-0.10	4.30
:fixed_window_cond	1.6	-0.70	-0.70	-2.50	678.97	39.00	16.90	-0.20	0.00	0.00	-0.10	16.60
:ext_roof_cond	0.227	-0.80	-0.80	-1.00	689.80	38.90	6.70	-0.40	0.00	0.00	-0.10	6.20
:ext_wall_cond	0.247	-0.90	-0.90	-2.70	689.35	39.13	7.00	-0.20	0.00	0.00	-0.20	6.70
:ext_wall_cond	0.278	-1.30	-1.30	-4.30	689.08	39.88	8.50	-0.30	0.00	0.00	-0.20	8.10
:ext_wall_cond	0.314	-1.90	-1.90	-6.00	686.43	40.75	12.90	-0.50	0.00	0.00	-0.30	12.00
:fixed_window_cond	2.2	-3.40	-3.40	-11.20	645.36	43.84	58.40	-1.30	0.00	0.00	-0.30	56.70
:fixed_window_cond	2.4	-4.40	-4.40	-13.50	639.37	45.51	66.90	-1.60	0.00	0.00	-0.30	65.10
:airloop_economizer_type	DifferentialDryBulb	-20.70	-20.70	0.40	742.57	71.85	0.00	0.00	0.00	0.00	0.00	0.00
:airloop_economizer_type	DifferentialEnthalpy	-20.70	-20.70	0.40	742.50	71.85	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS12_ASHP_Baseboard	0.00	0.00	0.00	695.80	37.79	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS11_ASHP_PTHP	0.00	0.00	0.00	718.63	40.58	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS08_CCASHP_VRF	0.00	0.00	0.00	779.09	40.56	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS13_ASHP_VRF	0.00	0.00	0.00	783.57	40.56	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS14_CGSHP_FanCoils	0.00	0.00	0.00	828.17	36.40	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS09_CCASHP_Baseboard	0.00	0.00	0.00	688.69	37.79	0.00	0.00	0.00	0.00	0.00	0.00

Scatter plot: cost_equipment_total_cost_per_m_sq vs baseline_energy_percent_better, legend :chiller_type (VSD, NECB_Default)

Sensitivity of :chiller_type by EUI

NECB_Default	VSD
0.004	0.004
0.206	0.206
0.063	0.063
0.036	0.036
0.009	0.009
0.041	0.041
0.136	0.136
0.039	0.039

Sensitivity of :chiller_type by Costing

Sensitivity of :fixed_wind_solar_trans by EUI

Sensitivity of :fixed_wind_solar_trans by Costing

Sensitivity of :shw_eff by EUI

Sensitivity of :shw_eff by Costing

Sensitivity of :adv_dx_units by EUI

Sensitivity of :adv_dx_units by Costing

Sensitivity of :ecm_system_name by EUI

Sensitivity of :ecm_system_name by Costing

Sensitivity of :daylighting_type by EUI

Sensitivity of :daylighting_type by Costing

Sensitivity of :ext_wall_cond by EUI

Sensitivity of :ext_wall_cond by Costing

Sensitivity of :ext_roof_cond by EUI

Sensitivity of :ext_roof_cond by Costing

Sensitivity of :airloop_economizer_type by EUI

Sensitivity of :airloop_economizer_type by Costing

Sensitivity of :infiltration_scale by EUI

Sensitivity of :infiltration_scale by Costing

Sensitivity of :fixed_window_cond by EUI

Sensitivity of :fixed_window_cond by Costing

Sensitivity of :shw_scale by EUI

Sensitivity of :shw_scale by Costing

Sensitivity of :dcv_type by EUI

Sensitivity of :dcv_type by Costing

Sensitivity of :erv_package by EUI

Sensitivity of :erv_package by Costing

:boiler_eff

Sensitivity of :boiler_eff by EUI

Sensitivity of :boiler_eff by Costing

Sensitivity of :nv_type by EUI

Sensitivity of :nv_type by Costing

Sensitivity of :lights_scale by EUI

Sensitivity of :lights_scale by Costing

Sensitivity of :ground_floor_cond by EUI

Sensitivity of :ground_floor_cond by Costing

Sensitivity of :electrical_loads_scale by EUI

Sensitivity of :electrical_loads_scale by Costing

Legend:
- cost_equipment_heating_and_cooling_total_cost_per_m_sq
- cost_equipment_lighting_total_cost_per_m_sq
- cost_equipment_shw_total_cost_per_m_sq
- cost_equipment_ventilation_total_cost_per_m_sq
- cost_equipment_thermal_bridging_total_cost_per_m_sq
- cost_equipment_envelope_total_cost_per_m_sq

$/M2

0.5 column:
- 329.068
- 40.267
- 15.009
- 39.764
- 35.838

NECB_Default column:
- 329.068
- 40.202
- 15.009
- 39.764
- 35.561

electrical_loads_scale