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	9.60	3.50	2.00	800.27	21.58	0.00	0.00	0.00	1.40	0.00	1.40
:electrical_loads_scale	0.5	9.00	17.60	15.70	776.80	26.64	0.00	0.80	0.00	0.00	6.70	7.60
:lights_scale	0.50	6.50	12.30	12.60	785.48	24.79	0.00	0.90	0.00	0.00	4.60	5.50
:shw_scale	0.5	6.30	2.30	1.50	802.01	21.41	0.00	0.00	0.00	1.40	0.00	1.40
:infiltration_scale	0.5	3.90	1.10	-0.50	806.02	16.98	0.00	0.20	0.00	0.00	-1.20	-1.00
:shw_scale	0.75	2.60	1.00	0.80	803.91	21.28	0.00	0.00	0.00	1.40	0.00	1.40
:fixed_wind_solar_trans	0.2	2.60	6.80	20.60	753.56	24.21	-1.30	1.30	0.00	0.00	44.50	44.60
:daylighting_type	add_daylighting_controls	2.40	3.60	5.00	804.04	21.55	0.00	0.70	-5.90	0.00	3.00	-2.20
:nv_type	add_nv	2.10	2.50	-0.80	804.17	20.83	0.00	0.70	0.00	0.00	-1.40	-0.70
:dcv_type	CO2_based_DCV	1.80	0.80	0.30	809.23	19.51	0.00	0.00	0.00	0.00	-3.70	-3.70
:fixed_wind_solar_trans	0.3	1.50	4.70	17.50	770.57	23.78	-2.80	1.30	0.00	0.00	31.60	30.20
:fixed_wind_solar_trans	0.4	1.30	3.70	12.30	781.57	22.97	-1.50	1.30	0.00	0.00	20.60	20.40
:chiller_type	VSD	1.00	1.40	8.20	830.77	21.14	0.00	-25.90	0.00	0.00	0.00	-25.90
:dcv_type	Occupancy_based_DCV	0.70	0.30	0.20	808.17	20.44	0.00	0.00	0.00	0.00	-1.90	-1.90
:boiler_eff	Viessmann Vitocrossal 300 CT3-17 96.2% Efficient Condensing Gas Boiler	0.70	0.20	0.00	806.31	21.14	0.00	0.00	0.00	0.00	0.00	0.00
:fixed_wind_solar_trans	0.5	0.60	1.60	7.60	795.76	21.90	-1.50	1.30	0.00	0.00	9.00	8.80
:shw_eff	Natural Gas Power Vent with Electric Ignition	0.40	0.10	0.00	806.44	21.14	0.00	0.00	0.00	0.00	0.00	0.00
:ground_floor_cond	0.379	0.30	0.10	0.90	815.76	20.87	-9.40	0.00	0.00	0.00	0.10	-9.30
:ext_wall_cond	0.183	0.20	0.00	0.00	807.41	20.98	-0.80	0.00	0.00	0.00	0.00	-0.80
:ext_roof_cond	0.121	-0.10	0.00	0.00	805.26	21.25	1.50	0.00	0.00	0.00	0.00	1.50
:airloop_economizer_type	DifferentialDryBulb	-0.10	-0.10	0.00	806.79	21.14	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Rotary-All	-0.10	0.00	0.50	806.67	21.22	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Rotary-Existing	-0.10	0.00	0.50	806.67	21.22	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Plate-All	-0.30	-0.10	0.50	806.79	21.44	0.00	0.00	0.00	0.00	0.00	0.00
:erv_package	Plate-Existing	-0.30	-0.10	0.50	806.79	21.44	0.00	0.00	0.00	0.00	0.00	0.00
:ext_wall_cond	0.21	-0.40	-0.10	0.00	804.84	21.61	2.10	-0.10	0.00	0.00	0.00	2.00
:ext_roof_cond	0.138	-0.60	-0.30	-0.10	800.87	21.75	6.80	-0.20	0.00	0.00	-0.50	6.20
:ext_roof_cond	0.142	-0.80	-0.30	-0.10	800.17	21.87	7.60	-0.20	0.00	0.00	-0.50	6.90
:fixed_window_cond	1.6	-1.10	-0.30	-0.10	793.53	22.41	13.60	-0.30	0.00	0.00	0.20	13.50
:ext_roof_cond	0.162	-1.30	-0.60	-0.20	794.57	22.41	14.10	-0.60	0.00	0.00	-0.60	12.90
:ext_wall_cond	0.247	-1.30	-0.40	0.00	802.05	22.47	5.70	-0.40	0.00	0.00	0.00	5.20
:ext_wall_cond	0.278	-2.00	-0.70	0.00	801.86	23.21	6.90	-0.80	0.00	0.00	-0.30	5.70
:ext_roof_cond	0.183	-2.00	-0.80	-0.30	794.20	23.02	15.40	-0.90	0.00	0.00	-0.90	13.60
:ext_roof_cond	0.193	-2.30	-1.00	-0.40	790.45	23.32	19.40	-0.90	0.00	0.00	-1.00	17.50
:ext_wall_cond	0.314	-2.80	-0.90	0.10	799.35	24.06	10.40	-1.00	0.00	0.00	-0.70	8.60
:ext_roof_cond	0.227	-3.20	-1.40	-0.50	789.24	24.24	22.70	-2.10	0.00	0.00	-1.40	19.30
:fixed_window_cond	2.2	-5.50	-1.50	0.80	760.39	27.22	47.10	-1.90	0.00	0.00	3.30	48.40
:fixed_window_cond	2.4	-7.00	-1.90	1.20	754.06	28.81	54.00	-2.10	0.00	0.00	3.50	55.40
:ecm_system_name	HS12_ASHP_Baseboard	0.00	0.00	0.00	820.17	11.62	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS09_CCASHP_Baseboard	0.00	0.00	0.00	832.95	11.67	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS13_ASHP_VRF	0.00	0.00	0.00	744.04	15.90	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS08_CCASHP_VRF	0.00	0.00	0.00	748.99	15.90	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS14_CGSHP_FanCoils	0.00	0.00	0.00	775.38	13.63	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS11_ASHP_PTHP	0.00	0.00	0.00	668.86	16.03	0.00	0.00	0.00	0.00	0.00	0.00

Sensitivity of :dcv_type by EUI

Sensitivity of :dcv_type by Costing

:boiler_eff

Sensitivity of :boiler_eff by EUI

Sensitivity of :boiler_eff by Costing

Sensitivity of :shw_scale by EUI

Sensitivity of :shw_scale by Costing

Sensitivity of :ecm_system_name by EUI

Sensitivity of :ecm_system_name by Costing

Sensitivity of :ground_floor_cond by EUI

Sensitivity of :ground_floor_cond by Costing

Sensitivity of :ext_roof_cond by EUI

Sensitivity of :ext_roof_cond by Costing

Sensitivity of :fixed_window_cond by EUI

Sensitivity of :fixed_window_cond by Costing

Sensitivity of :electrical_loads_scale by EUI

Sensitivity of :electrical_loads_scale by Costing

Sensitivity of :airloop_economizer_type by EUI

Sensitivity of :airloop_economizer_type by Costing

Sensitivity of :lights_scale by EUI

Sensitivity of :lights_scale by Costing

Sensitivity of :erv_package by EUI

Sensitivity of :erv_package 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 :daylighting_type by EUI

Sensitivity of :daylighting_type by Costing

Sensitivity of :adv_dx_units by EUI

Sensitivity of :adv_dx_units by Costing

Sensitivity of :nv_type by EUI

Sensitivity of :shw_eff by Costing

Sensitivity of :infiltration_scale by EUI

Sensitivity of :infiltration_scale by Costing

Sensitivity of :chiller_type by EUI

Sensitivity of :chiller_type 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

NECB_Default:
- 50.941
- 74.625
- 3.438
- 196.264
- 351.397

VSD:
- 76.814
- 74.625
- 3.438
- 196.264
- 351.397

:chiller_type