

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	10.30	11.00	0.50	586.66	20.51	0.00	0.00	0.00	1.10	0.00	1.10
:electrical_loads_scale	0.5	10.00	8.30	18.30	550.86	24.36	0.00	0.40	0.00	0.00	8.60	9.00
:shw_scale	0.5	6.80	7.30	0.40	590.22	20.39	0.00	0.00	0.00	0.00	0.00	0.80
:lights_scale	0.50	6.80	6.00	16.30	563.45	23.06	0.00	-0.30	0.00	0.00	8.30	8.00
:infiltration_scale	0.5	5.20	5.60	-0.50	593.95	15.25	0.00	0.70	0.00	0.00	-0.40	0.40
:fixed_wind_solar_trans	0.2	4.80	4.50	13.20	564.34	19.74	-0.70	1.10	0.00	0.00	18.70	19.10
:dcv_type	CO2_based_DC	4.80	5.10	0.30	594.74	16.47	0.00	0.00	0.00	0.00	-1.80	-1.80
:fixed_wind_solar_trans	0.3	4.10	3.90	9.90	573.74	19.55	-1.50	1.20	0.00	0.00	12.40	12.10
:shw_scale	0.75	3.40	3.60	0.20	593.57	20.16	0.00	0.00	0.00	0.60	0.00	0.60
:fixed_wind_solar_trans	0.4	3.30	3.10	6.60	580.63	19.60	-0.80	0.90	0.00	0.00	7.90	8.00
:boiler_eff	Viessmann Vitocrossal 300 CT3-17 96.2% Efficient Condensing Gas Boiler	1.90	2.10	0.00	596.94	20.02	0.00	-1.10	0.00	0.00	0.00	-1.10
:daylighting_type	add_daylighting_controls	1.70	1.70	3.50	595.29	19.89	0.00	0.00	-3.90	0.00	1.00	-2.40
:mv_type	add_mv	1.50	1.50	0.40	594.52	19.66	0.00	0.00	0.00	0.00	-0.40	-0.40
:fixed_wind_solar_trans	0.5	1.40	1.30	3.50	586.54	19.74	-0.80	0.00	0.00	0.00	8.00	7.20
:dcv_type	Occupancy_based_DC	0.70	0.80	0.00	597.57	19.53	0.00	0.00	0.00	0.00	-0.90	-0.90
:shw_eff	Natural Gas Power Vent with Electric Ignition	0.50	0.60	0.00	596.94	20.02	0.00	0.00	0.00	0.00	0.00	0.00
:chiller_type	VSD	0.50	0.50	2.40	596.20	20.00	0.00	-0.10	0.00	0.00	0.00	-0.10
:airloop_economizer_type	DifferentialDryBulb	0.10	0.10	-0.20	597.31	19.98	0.00	0.00	0.00	0.00	0.00	0.00
:ground_floor_cond	0.758	-0.10	-0.10	0.10	595.33	20.05	2.40	0.00	0.00	0.00	-0.30	2.10
:ext_roof_cond	0.121	-0.10	-0.10	0.00	596.46	20.13	1.00	0.00	0.00	0.00	0.00	1.00
:ext_roof_cond	0.198	-0.40	-0.40	0.00	595.54	20.26	2.30	0.00	0.00	0.00	-0.10	2.20
:ext_package	Rotary-All	-0.50	-0.60	0.10	597.88	20.50	0.00	0.00	0.00	0.00	0.00	0.00
:ext_package	Rotary-Existing	-0.50	-0.60	0.10	597.88	20.50	0.00	0.00	0.00	0.00	0.00	0.00
:ext_roof_cond	0.142	-0.50	-0.50	-0.10	595.41	20.37	2.50	0.00	0.00	0.00	-0.10	2.30
:ext_wall_cond	0.183	-0.60	-0.60	0.00	595.98	20.53	1.80	-0.10	0.00	0.00	0.00	1.80
:ext_package	Plate-Existing	-0.60	-0.70	0.10	597.96	20.61	0.00	0.00	0.00	0.00	0.00	0.00
:ext_package	Plate-All	-0.60	-0.70	0.10	597.96	20.61	0.00	0.00	0.00	0.00	0.00	0.00
:ext_roof_cond	0.162	-0.70	-0.70	-0.10	594.23	20.52	4.00	-0.20	0.00	0.00	-0.10	3.70
:ext_roof_cond	0.183	-0.90	-1.00	-0.20	594.30	20.72	4.30	-0.20	0.00	0.00	-0.30	3.80
:ext_roof_cond	0.193	-1.10	-1.20	-0.20	593.56	20.83	5.30	-0.20	0.00	0.00	-0.30	4.70
:fixed_window_cond	1.6	-1.20	-1.30	0.10	590.27	21.02	8.00	-0.20	0.00	0.00	0.00	7.80
:ext_roof_cond	0.227	-1.50	-1.50	-0.30	593.30	21.09	6.10	-0.30	0.00	0.00	-0.40	5.30
:ext_wall_cond	0.21	-1.50	-1.60	0.00	594.65	21.21	4.00	-0.30	0.00	0.00	0.00	3.70
:ext_wall_cond	0.247	-2.60	-2.80	-0.10	593.40	22.12	6.40	-0.40	0.00	0.00	-0.30	5.70
:ext_wall_cond	0.278	-3.50	-3.80	-0.10	593.55	22.86	7.20	-0.90	0.00	0.00	-0.30	6.10
:ext_wall_cond	0.314	-4.40	-4.70	-0.10	592.23	23.60	9.60	-1.20	0.00	0.00	-0.30	8.10
:fixed_window_cond	2.2	-5.00	-5.50	0.60	572.56	24.39	27.60	-1.50	0.00	0.00	1.70	27.80
:fixed_window_cond	2.4	-6.10	-6.60	0.80	569.40	25.40	31.50	-1.70	0.00	0.00	1.70	31.50
:ecm_system_name	HS12_ASHP_Baseboard	0.00	0.00	0.00	633.62	15.23	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS09_CASHP_Baseboard	0.00	0.00	0.00	644.55	15.96	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS13_ASHP_VRF	0.00	0.00	0.00	587.53	20.98	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS08_CCASHP_VRF	0.00	0.00	0.00	591.16	20.98	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS11_ASHP_PTHP	0.00	0.00	0.00	549.78	22.17	0.00	0.00	0.00	0.00	0.00	0.00
:ecm_system_name	HS14_CGSHP_FanCoils	0.00	0.00	0.00	589.27	17.71	0.00	0.00	0.00	0.00	0.00	0.00











































