

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)
electrical_loads_scale		0.5	14.40	0.90	15.90	904.21	12.26	0.00	-0.80	0.00	-0.80	0.00	0.00	7.60	6.80
	lights_scale	0.50	10.70	1.40	15.60	617.86	11.48	0.00	-0.40	0.00	-0.40	0.00	0.00	7.30	6.90
	shw_scale	0.25	9.50	23.90	0.60	652.55	10.48	0.00	0.00	0.00	0.00	1.20	0.00	1.20	1.20
fixed_wind_solar_trans		0.2	7.80	-2.10	16.30	604.00	11.66	-1.20	2.70	0.00	2.70	0.00	0.00	25.70	27.10
	shw_scale	0.5	6.30	15.90	0.40	655.52	10.42	0.00	0.00	0.00	0.00	0.80	0.00	0.80	0.80
fixed_wind_solar_trans		0.3	6.00	0.00	12.00	619.29	10.86	-2.60	2.70	0.00	2.70	0.00	0.00	29.80	20.90
fixed_wind_solar_trans		0.4	4.90	1.30	7.60	629.96	10.42	-1.40	0.00	0.00	0.00	0.00	0.00	16.80	15.40
daylighting_type	add_daylighting_controls	3.90	0.90	6.30	647.27	10.61	0.00	0.00	-5.00	0.00	-5.00	0.00	0.00	6.30	1.20
shw_scale		0.75	3.10	7.90	0.20	658.30	10.35	0.00	0.00	0.00	0.00	0.60	0.00	0.60	0.60
infiltration_scale		0.5	3.00	1.30	0.70	660.94	7.44	0.00	1.20	0.00	1.20	0.00	-1.10	0.00	0.10
fixed_wind_solar_trans		0.5	2.70	9.20	3.80	646.31	10.22	-1.40	0.00	0.00	0.00	0.00	0.00	8.20	6.80
inv_type	add_inv	2.50	1.50	-0.40	652.25	10.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	1.80
boiler_eff	Viessmann Vitocrossal 300 CT3-17 96.2% Efficient Condensing Gas Boiler	1.10	3.10	0.00	661.63	10.29	0.00	-0.80	0.00	0.00	-0.80	0.00	0.00	0.00	-0.80
fixed_window_cond		1.6	1.10	3.90	-0.20	679.70	9.06	-18.30	0.60	0.00	0.60	0.00	0.00	0.00	-17.70
dcv_type	CO2_based_DCV	0.60	0.80	0.80	662.25	10.09	0.00	0.00	0.00	0.00	0.00	0.00	-1.90	-1.90	-1.90
chiller_type	VSD	0.50	0.30	2.30	662.04	10.27	0.00	-2.00	0.00	0.00	-2.00	0.00	0.00	0.00	-2.00
ext_wall_cond		0.183	0.40	1.30	0.20	660.74	9.90	-3.90	0.30	0.00	0.30	0.00	0.00	4.60	0.90
shw_eff	Natural Gas Power Vent with Electric Ignition	0.40	1.20	0.00	661.25	10.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ext_wall_cond		0.21	0.20	0.80	0.10	659.27	10.05	-2.40	0.20	0.00	0.20	0.00	0.00	4.60	2.30
dcv_type	Occupancy_based_DCV	0.20	0.40	0.20	662.24	10.20	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00	-1.00
ext_roof_cond		0.138	0.10	0.20	0.00	662.27	10.25	-0.80	0.00	0.00	0.00	0.00	0.00	0.00	-0.80
ext_wall_cond		0.247	0.10	0.30	0.00	661.87	10.21	-0.40	0.10	0.00	0.10	0.00	0.00	0.00	-0.30
ext_roof_cond		0.121	0.10	0.30	0.10	663.39	10.18	-2.20	0.10	0.00	0.10	0.00	0.00	0.00	-2.00
ext_roof_cond		0.142	0.10	0.20	0.00	662.07	10.25	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	-0.60
adv_dx_units	Lennox Model L Ultra High Efficiency	0.10	0.10	0.90	659.83	10.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
adv_dx_units	Carrier WeatherExpert	0.10	0.00	0.30	661.55	10.29	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.20	-0.20
ext_roof_cond		0.183	-0.10	-0.30	0.00	660.33	10.39	1.30	0.00	0.00	1.30	0.00	0.00	0.00	1.30
ext_roof_cond		0.193	-0.10	-0.40	-0.10	659.34	10.42	2.30	0.00	0.00	2.30	0.00	0.00	0.00	2.30
ext_wall_cond		0.314	-0.20	-0.60	0.00	659.41	10.50	2.20	-0.20	0.00	-0.20	0.00	0.00	0.00	2.00
zerv_package	Rotary-Existing	-0.20	-0.90	1.00	661.30	10.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
zerv_package	Rotary-All	-0.20	-0.90	1.00	661.30	10.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ext_roof_cond		0.227	-0.30	-0.80	-0.20	658.73	10.53	3.20	-0.10	0.00	-0.10	0.00	0.00	-0.10	3.00
zerv_package	Plate-Existing	-0.50	-1.60	0.50	661.62	10.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
zerv_package	Plate-All	-0.50	-1.60	0.50	661.62	10.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
airloop_economizer_type	DifferentialDryBulb	-0.80	-0.40	-1.00	664.10	10.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fixed_window_cond		2.2	-1.10	-4.10	0.10	643.89	11.54	13.30	-0.60	0.00	-0.60	0.00	0.00	4.60	17.20
fixed_window_cond		2.4	-1.90	-6.70	0.20	637.24	12.37	20.10	-0.90	0.00	-0.90	0.00	0.00	4.50	23.70
ecm_system_name	HS09_CCASHP_Baseboard	0.00	0.00	0.00	708.31	4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ecm_system_name	HS08_CCASHP_VRF	0.00	0.00	0.00	627.80	7.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ecm_system_name	HS11_ASHP_PTHP	0.00	0.00	0.00	574.86	7.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ecm_system_name	HS12_ASHP_Baseboard	0.00	0.00	0.00	722.37	4.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ecm_system_name	HS14_CGSHP_FanCoils	0.00	0.00	0.00	629.27	4.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ecm_system_name	HS13_ASHP_VRF	0.00	0.00	0.00	627.89	7.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00











































