

Energy Code Checklist – Commercial

NYC Energy Conservation Code (NYCECC)

Yes	N/A	Professional Statement	Code Section
		Statement is correct on plans and correctly indicated on the PW1 .	101.5.3.1
		Energy Analysis	
		For a REScheck report, the Energy Analysis is based upon the 2010 edition of the Energy Conservation Construction Code of New York State . Notes also reference the 2011 NYCECC. For a tabular analysis or energy modeling, the Energy Analysis is based upon the 2011 NYCECC.	1 RCNY §5000-01(f); 202
		Ashrae 90.1 or Energy Modeling used because the total vertical fenestration area (not including opaque doors) is more than 40% of the gross wall area.	502.3.1
		Ashrae 90.1 or Energy Modeling used because the skylight area is more than 3% of the roof area.	502.3.1
		Supporting Documentation/Construction Documents	
		Historic building status verified as National or State historic building with letter from LPC.	1 RCNY §5000-01(e)(2)(i)
		R-values are equal to or greater than the R-values in the Analysis for the roof, walls and foundation. U-factors are equal to or less than the U-factors in the Analysis for the windows and skylights.	1 RCNY §5000-01(g)(1); 502
		Proposed equipment meets or exceeds minimum efficiency requirements.	503.2.3
		All applicable required controls including thermostatic, zone, heat pump supplementary heat, deadband, off-hour, setback and shutdown controls shown.	503.2.4
		Energy recovery systems were addressed.	503.2.6
		Duct and plenum insulation and sealing provided.	503.2.7
		Mechanical system piping insulation shown.	503.2.8
		Compliance with lighting power density (watts per square foot) as per Table 505.5.2 shown. Lighting schedule indicates input wattage per fixture and types of ballasts.	505.5.2
		Drawings indicate that within dwelling units, at least 50% of newly installed, permanent lighting fixtures use high-efficacy lamps.	505.5.3
		A narrative is provided describing the function and operation of mandatory lighting and power controls.	1 RCNY §5000(g)(3)(i)(a)
		NYCECC progress inspections indicated on plans match the TR8 , and they are in the required tabular format.	TR8 , 1 RCNY §5000-01(h)