

LL43: Clean heating oil

- Goal:
 - Convert all buildings from heavy forms of heating oil to cleaner fuels
 - Reduce pollutants, reduce maintenance costs, and strengthen alternative fuels market
- Year of passage: 2011
- Requires:
 - Converting from No. 4 or No. 6 oil to natural gas, Ultra-Low Sulfur No. 2 oil, biodiesel, or steam by January 31, 2030 or upon boiler/burner retirement, whichever is sooner
- Link: <http://www.nyc.gov/html/gbee/downloads/pdf/ll43-2010.pdf>

LL84 and 133: NYC benchmarking law

- Goal:
 - LL84 informs large building owners about their water and energy consumption and tracks progress year to year to aid in energy efficiency planning
 - LL133 expands the building types and sizes required to comply with the benchmarking process of LL84
- Year of passage: LL84 (2009), LL133 (2018)
- Requires:
 - Measure energy and water consumption through a standardized process created by the EPA
 - Owners required to use ENERGY STAR Portfolio Manager to submit their building's data to the city
- Link: <https://www1.nyc.gov/html/gbee/html/plan/ll84.shtml>

Local Law 33: Benchmarking energy efficiency scores and grades

- Goal: Uses the data provided by the ENERGY STAR Portfolio Manager to compare building performance and provide grades based on energy efficiency scores, providing a letter grade and an efficiency score
- Year of passage: 2018
- Provides the following system:
 - A - score is equal to or greater than 85
 - B - score is equal to or greater than 70 but less than 85
 - C - score is equal to or greater than 55 but less than 70
 - D - score is less than 55
 - F - for buildings that didn't submit required benchmarking information
 - N - for buildings exempted from benchmarking or not covered by the Energy Star program
- Link: <https://www1.nyc.gov/html/gbee/downloads/pdf/ll33of2018.pdf>

LL87: NYC energy audits and retro-commissioning law

- Goal: Inform building owners of energy consumption through energy audits and retro-commissioning
 - Ultimately shift market towards energy efficiency and high performance in buildings
- Year of passage: 2009
- Requires:
 - Determine if a building needs to comply, and what year report is due
 - Conduct an energy audit and retro-commissioning of base building systems and complete an Energy Efficiency Report (EER) electronically
 - Submit the EER once every ten years to the City
- Link: <https://www1.nyc.gov/html/gbee/html/plan/ll87.shtml>

LL97: NYC building GHG emissions cap

- Goal: Achieve the 80 X 50 (reducing GHG emissions 80% by 2050) target by slashing building emissions limits
 - 40% reduction in GHG emissions in relevant buildings by 2030
- Year of passage: 2019
- Provides:
 - Financial penalties for noncompliance with emissions limits
 - Aid in assuring compliance with aggressive caps
 - Exceptions (ex: rent regulated housing, NYCHA owned buildings)
- Link:
<https://legistar.council.nyc.gov/LegislationDetail.aspx?ID=3761078&GUID=B938F26C-E9B9-4B9F-B981-1BB2BB52A486>