NYC GREEN CODES
LEGISLATION AT A GLANCE

GCTF Proposal
Use Outdoor Air for Cooling

Implemented
Section 6.5.1 of ANSI/ASHRAE/IES Standard 90.1-2010

Summary
Buildings can be cooled using outside air when temperatures are sufficiently low, but this energy-efficient practice was not required in ANSI/ASHRAE/IES 90.1-2007 for New York City's climate zone. ANSI/ASHRAE/IES 90.1-2010, a referenced standard and allowed compliance path in the 2014 New York State Energy Code, requires that new HVAC systems be capable of utilizing outside air for cooling when temperatures permit.

New Requirements or Changes
Effective: January 1, 2015. These changes do not apply retroactively; they are only triggered when construction activity requires a permit for work covered by this section of the Construction Code.

ANSI/ASHRAE/IES 90.1-2010 Section 6.5.1:

- In New York City climate zone 4a, economizers are required for comfort cooling applications with supply capacities ≥ 54,000 Btu/h. Economizers are not required for comfort cooling if system efficiencies in Table 6.3.2 are met or the system is used less than 20 hours per week.

Enforcement
This provision will be enforced by the Department of Buildings in the same manner as any other element of the Construction Codes.

Implementation
There are no known implementation issues for this proposal. Economizers are readily available and in widespread use.