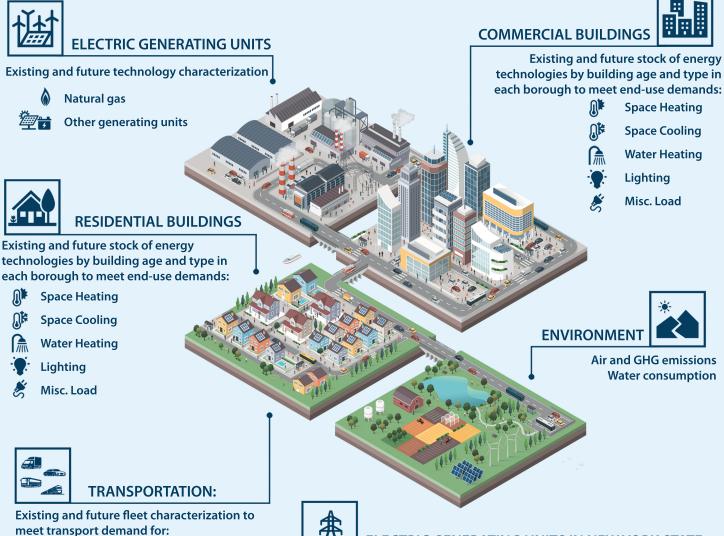


CITY-BASED OPTIMIZATION MODEL FOR ENERGY TECHNOLOGIES

COMET - NEW YORK CITY

COMET IS DESIGNED TO HELP CITIES MAKE SUSTAINABLE AND RESILIENT ENERGY DECISIONS.





Light duty vehicles





Medium duty vehicles



Heavyduty, short haul vehicles



Rail passenger and subway



ELECTRIC GENERATING UNITS IN NEW YORK STATE

Calibrated to electricity generation in 2010 (below) and 2015 and characterized future electricity generating

Gas 49 TWh	Nuclear ∰ 42 TWh	Hydro 25 TWh	Coal 14 TWh
Wind S TWh	Biomass 3 TWh	Oil A 2 TWh	Other



FUEL AND ELECTRICITY IMPORTS TO NEW YORK STATE:

Extraction, production and transmission of oil & gas, coal, uranium; refinery products (gasoline, diesel); electricity











