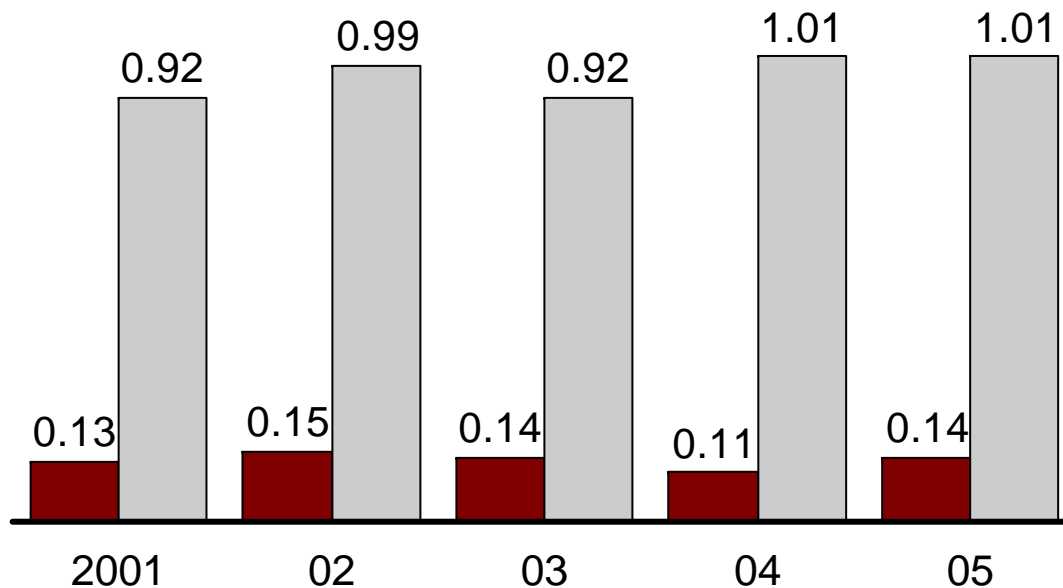


# Energy

New York City has a significantly more reliable power grid than the rest of the state

- New York City
- Rest of New York state

**Average number of interruptions experienced per customer each year\***



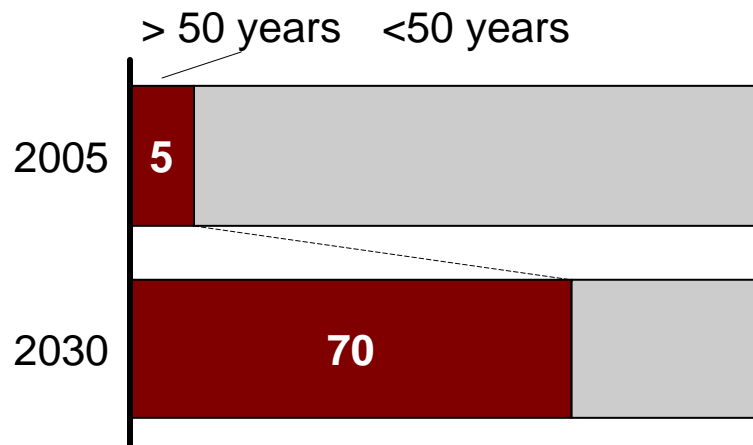
- New York City customers experience less than one seventh of the interruptions experienced by the rest of the state
- Both the underground and redundant nature of the grid decreases the number and duration of power interruptions

\* Excludes major storms

Source: NYS Department of Public Service 2005 Interruption Report, June 2006

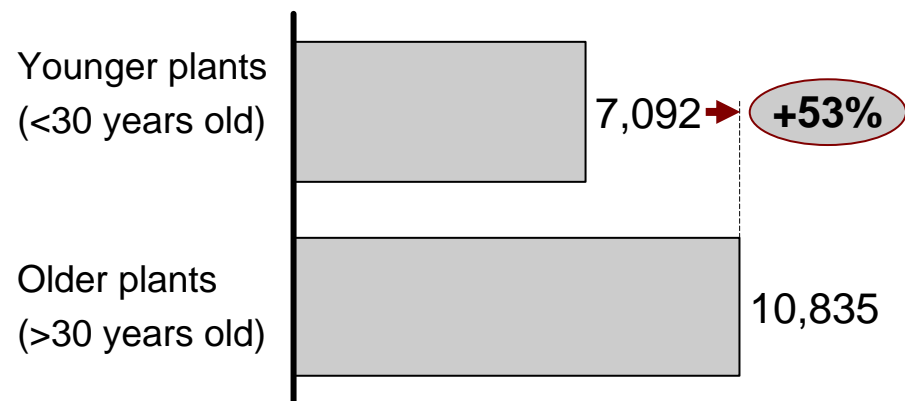
However, much of the city's energy infrastructure is aging and increasingly inefficient

**Percent of energy from power plants over 50 years old in 2005 and 2030**



**By 2030, 70% of energy capacity will be from power plants over 50 years old**

**Fuel required to produce 1 kWh BTU**



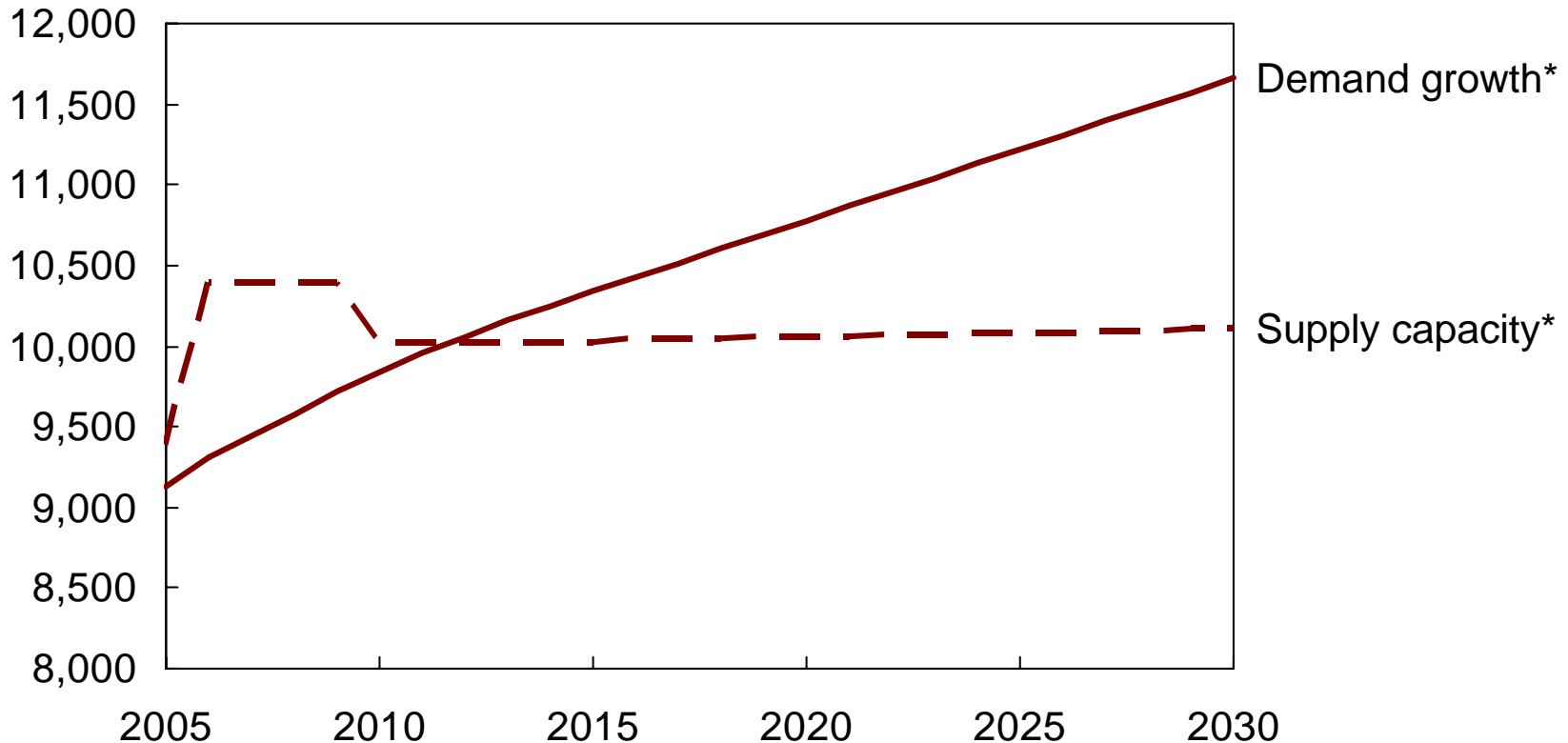
**Old plants often are more inefficient, sometimes over 50% more so, resulting in significantly higher pollution levels**

Source: Percent of Energy Used Graph: New York City Economic Development Corporation; Fuel Required to Produce 1 kWh: Mayor's Office of Long-term Planning and Sustainability

Given current energy demand growth trends,  
demand will soon outstrip energy supply

### Projected demand for power produced in-city vs. in-city supply

MW



\* Demand: In-City Supply Capacity Requirement = 80% of summer peak demand

\* Capacity: In-City Generation (includes demand-response capacity)

Note: Decrease in 2010 occurs when the old Poletti (880 MW) is retired

Source: New York City Economic Development Corporation