

**Steam
Operations**



2008 Fall Steam Seminar

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Business Development Group
www.coned.com/steam

Steam Operations



Benefits of the Steam System

Benefits of Steam System to Electric

- **600,000 tons of steam cooling = 350 MW of avoided peak electric load**
- **Avoided:**
 - **Generation**
 - **Transmission**
 - **Substations**
 - **Distribution Reinforcements**

Benefits to Customers

- **Reliability**
- **Ease of operations**
- **Capital cost avoidance**
- **Risk mitigation (e.g., no storage of chemical or hazardous materials)**
- **No on-site combustion**
- **Better building aesthetics (e.g., no flues)**
- **More rentable space**
- **No licensed boiler operators required for high-pressure operations**

Environmental Benefits



- **Steam system provides significant environmental benefits to NYC residents & our employees, particularly with respect to air quality**
- **Lower overall levels of sulfur dioxide (SO₂), carbon dioxide (CO₂) and particulate matter (PM) emissions**
- **Quality of Life**
 - Building aesthetics
 - Less traffic congestion - fewer fuel oil truck deliveries
 - More useable space for building owners