

Electricity as a Fuel: Utilities and Manufacturers Building the New Paradigm



Wednesday, January 27, 2010
1:30 pm – 3:00 pm

Session Moderator:

Ronald J. Gulmi

Manager, New Product & Services Development

National Grid – An International Electricity and Gas Company

A 50:50 Company

UK



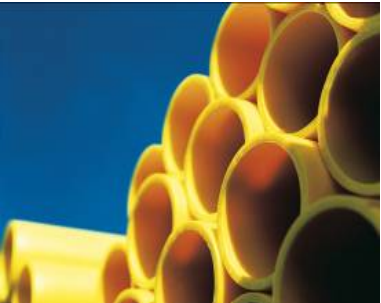
US



Transmission



Distribution



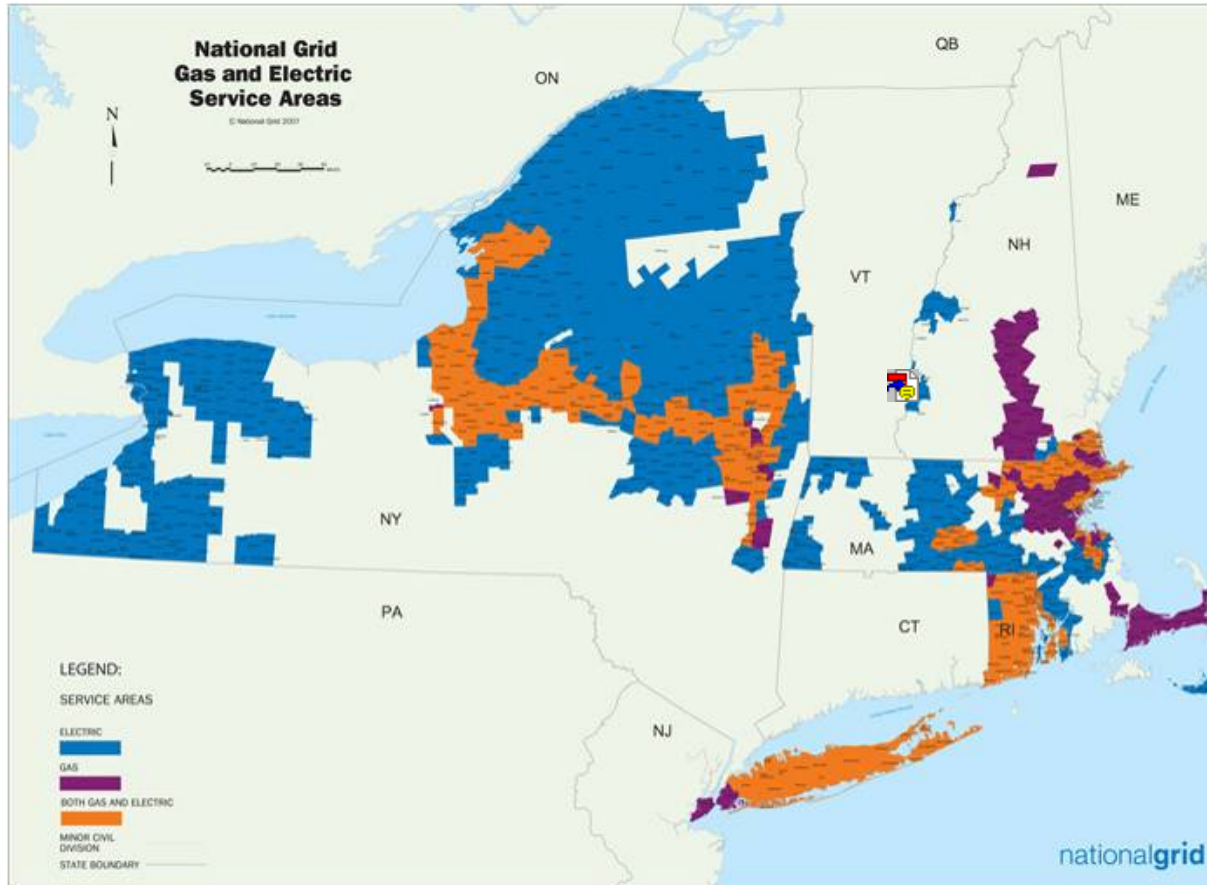
Electricity



Gas



National Grid Electricity and Gas Service Areas - US



- ◆ Distributes electricity to 3.3 million customers
- ◆ Services 1.1 million customers of Long Island Power Authority (LIPA)
- ◆ Provides natural gas to 3.5 million customers
- ◆ Currently owns over 4,000MW of generation
- Blue – Electric
- Purple – Gas
- Orange – Gas & Electric

•National grid is the 2nd largest energy delivery company in the US, based on customer numbers; includes the servicing of LIPA's 1.1 million customers

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- Where National Grid's Focus has been:
 - EDTA – Electric Drive Transportation Association
 - NPVI – National Plug-In Vehicle Initiative
 - EPRI – Electric Power Research Institute
 - EEI – Edison Electric Institute
 - REVI – Regional Electric Vehicle Initiative
 - RMI/PGR – Rocky Mountain Institute/Project Get Ready – RI
 - NYSERDA – New York Energy Research & Dev. Authority
 - Smart Grid
 - Clean Cities
 - Technology Development/Demonstration
 - Vehicle Manufacturers
 - Equipment Suppliers
 - Grant Opportunities – ARRA, EPA, CMAQ

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- The New Paradigm can be summarized in one word:

“Collaboration”