ADELPHI UNIVERSITY

CENTER FOR HEALTH INNOVATION

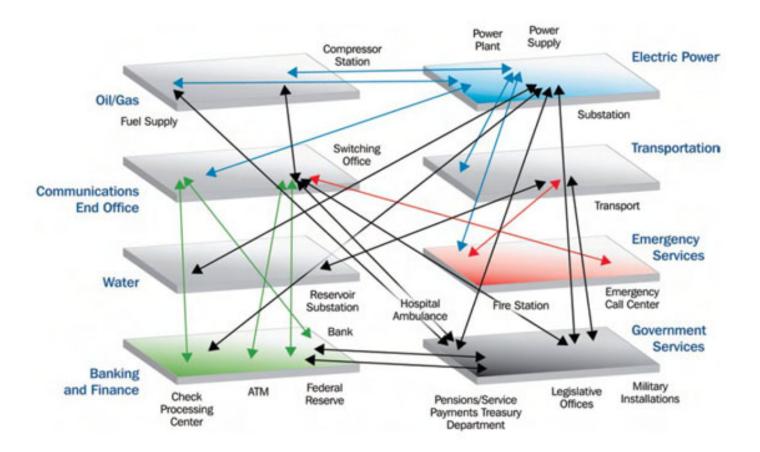
Energy Sector and Event Comparisons

July 30, 2014

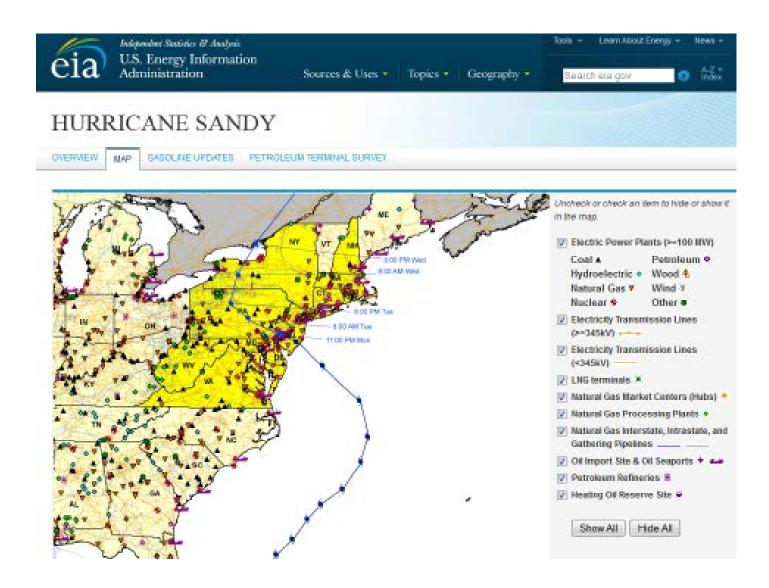
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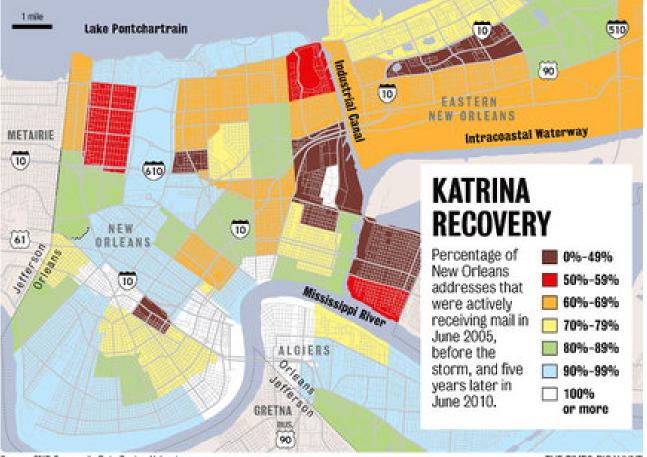


Connections and interdependencies across the economy. Schematic showing the interconnected infrastructures and their qualitative dependencies and interdependencies. SOURCE: Department of Homeland Security, National Infrastructure Protection Plan, available at http://www.dhs.gov/xprevprot/programs/editorial_0827.shtm.



Energy Sector - What Does that Really Entail?

- Electric Power
 - Delivery
 - ► Generation
 - Substations
 - ► Transformers
 - Poles
- Deliverable Fuels
 - ► Natural Gas
 - ► Home heating oil
 - Diesel
 - Kero-based, mixed for use as heating fuels in colder climates, Jet Fuel
 - Petrol
 - Refineries
- Nuclear

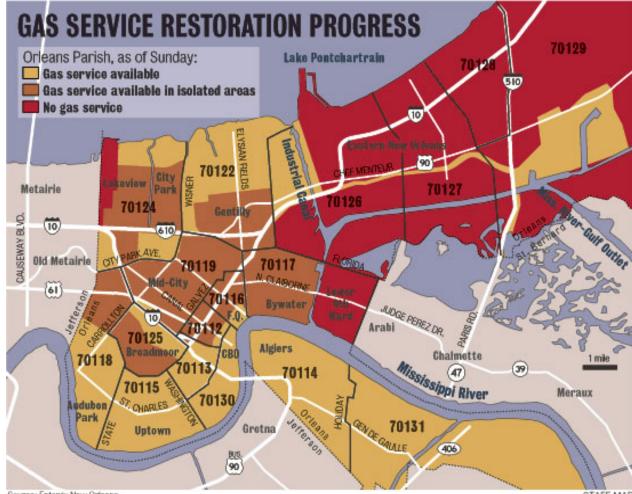


Source: GND Community Data Center, Valassis

THE TIMES-PICAYUNE



Source: The Times-Picayune





STAFF MAP



Source: M.McPherson









Source: M.McPherson





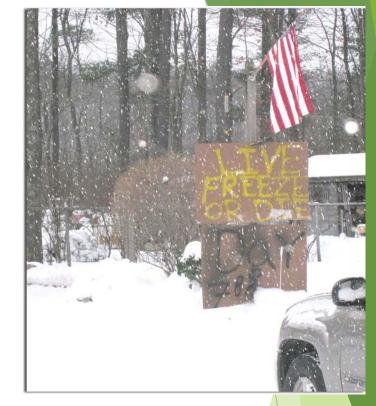




Source: M.McPherson



Source: US News and World Report



Source: Monika MaGillicuddy



Source: Nashua Telegraph

Ongoing Issues and Framework Discussion

Individual

- Restoration expectation timeline vs. capacity
- Preparation for longer restoration
- Community
 - Codes
 - Transportation and transmission of supply, all forms
 - Deterioration and upgrading
 - Refineries and platforms
 - Security and vulnerability
 - ► All-hazard approach
 - Climate Change
- Policy
 - Legal Authorities
 - Waivers
 - Jones Act
 - Strategic Petroleum Reserve

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