Sandy Claims – Emergent Themes & Issues



London Power Forum

13 November 2013



Topics

- Superstorm Sandy Facts
- Expectations vs. Reality
- FEMA
- Repair Issues
- Coverage Issues
- Adjustment Issues
- Working with the Insured
- Inefficiencies and a Compromised Settlement*
- Impact on the Industry

- Winds reached 69 mph in RI
- Wind gusts reached 90 mph in NY and NJ
- Max U.S. storm surge: 9.45' in NJ
- Max U.S. storm tide: 14.60' in NJ
- Max U.S. wave height: 33.1' in NC and 32.5' in NY
- Max U.S. rainfall: 12.55" in MD
- Max snowfall: 36" in WV

• The destructive potential of the storm surge registered at 5.8 on a scale of 0 to 6. It was the highest of any hurricane observed since 1969. The previous record was 5.6 set by Hurricane Isabel.

• The storm was the largest Atlantic hurricane on record measuring 1,100 miles (1,800 km) while classified as a Category 2 off the Northeastern coast of the U.S.

Approximately 286 people were killed

• The storm was the second-costliest "hurricane" in U.S. history surpassed only by Hurricane Katrina.

• Estimates as of June 2013 assess damage to have been over \$68 billion (USD)

Largest U.S. Power Outages from a Weather Disaster (from unofficial Wikipedia and media sources)

1.	"Superstorm" Blizzard	1993	10,000,000 customers
2.	"Superstorm" Sandy	2012	8,500,000
3.	Hurricane Ike	2008	7,500,000
4.	Hurricane Isabel	2003	6,000,000
5.	Hurricane Frances	2004	6,000,000

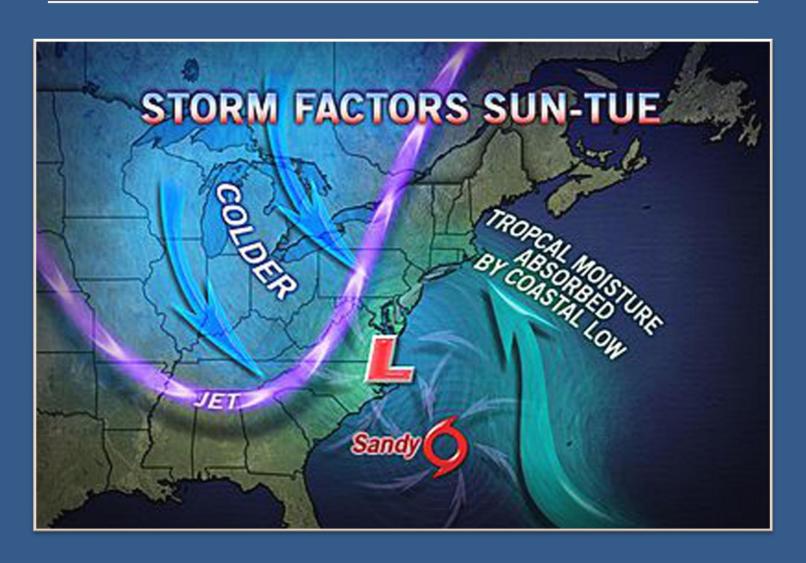
Original Forecasted Trajectory



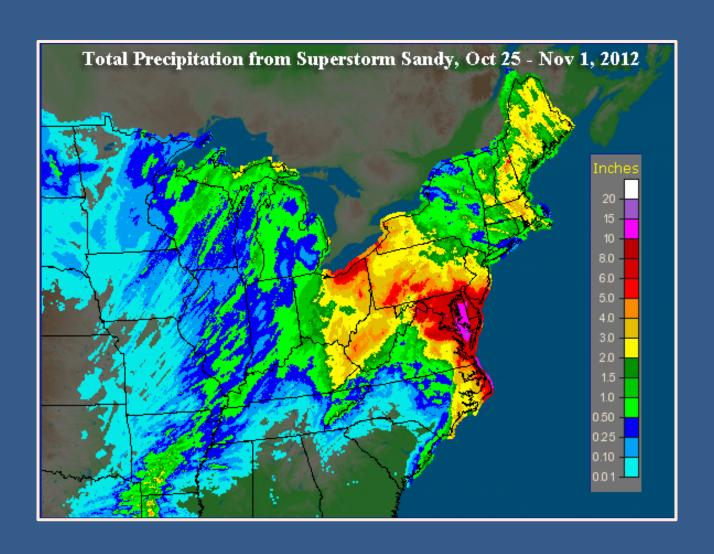
Ammended Forecasted Trajectory



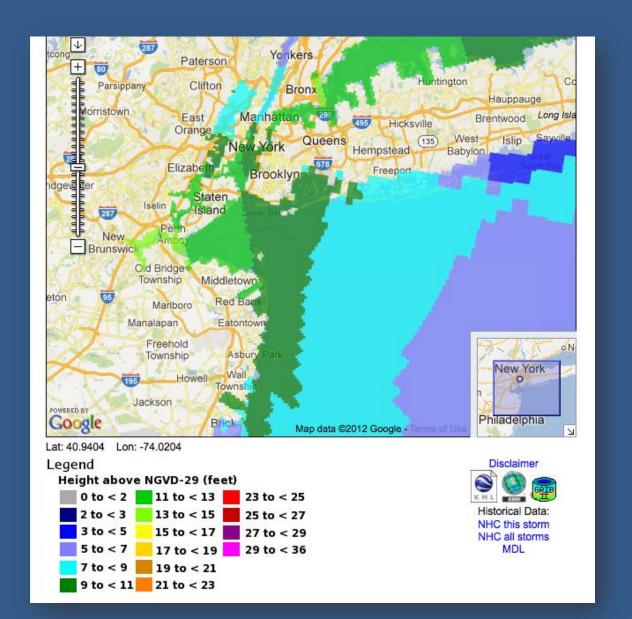
Creating the Superstorm



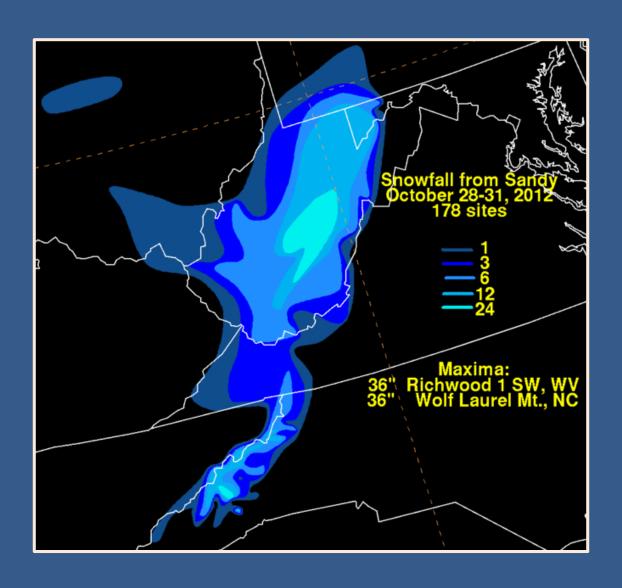
Rainfall



Flooding



Snowfall

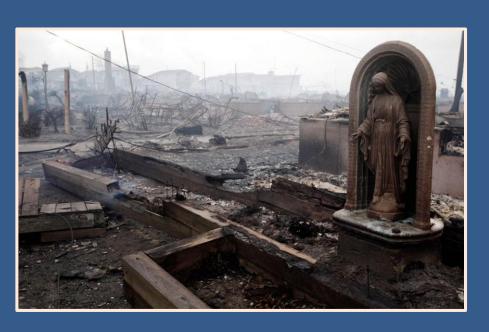






























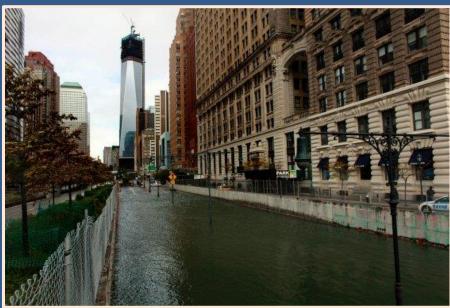






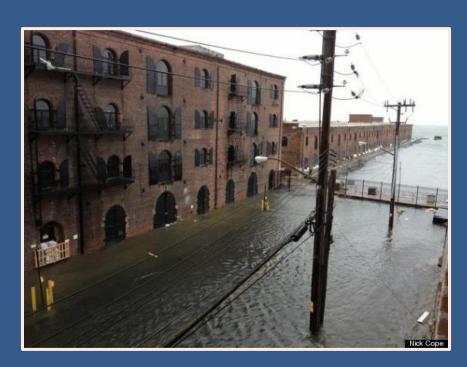










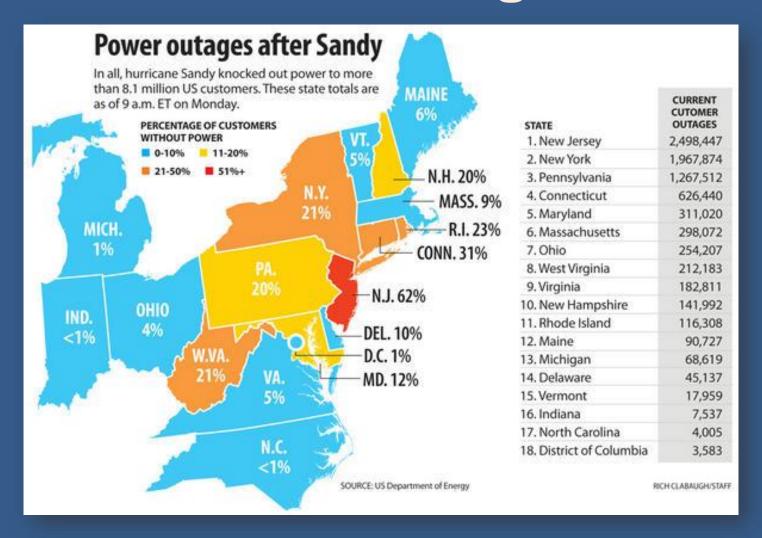




Power Outages



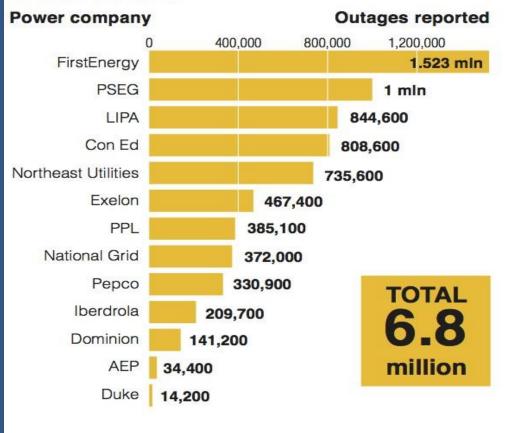
Power Outages



Power Outages

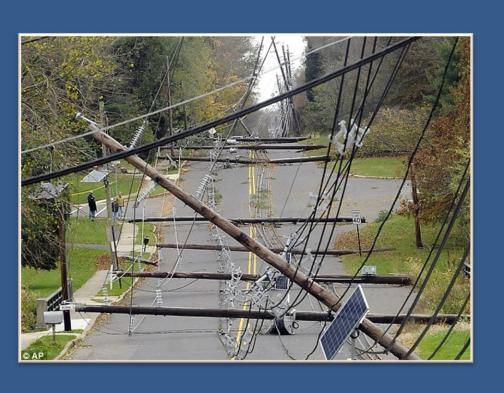
U.S. EAST COAST POWER OUTAGES

Hurricane Sandy has knocked out power to more than 6.8 million homes and businesses



Forecast as of Monday 11pm EDT (0300 GMT, Tuesday)

Power Line Hazards





Power Line Hazards



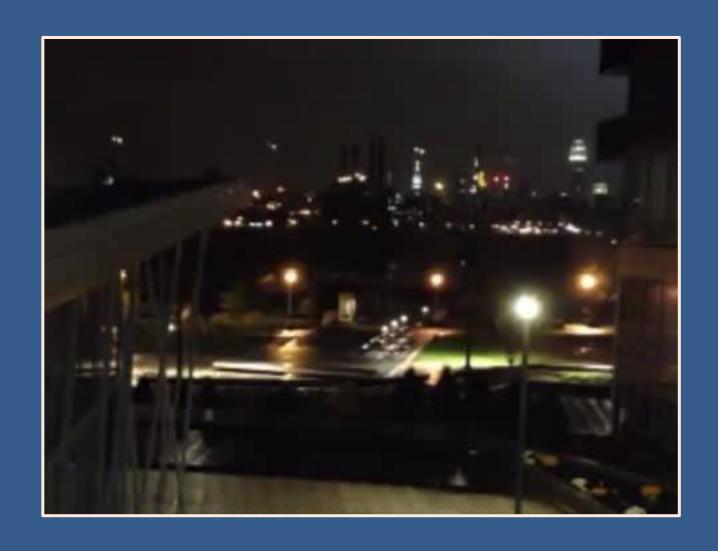


Power Line Hazards





Con Edison - 14th St.



Expectations vs. Reality

- What Was Expected?
- What Really Happened
- Flood Zones: 100-year and 50-year
- Range and Extent of Damage

Range and Extent of Damage

- Con Ed, LIPA, Equipower Photos to show;
- Transformers, Substations, Local transmission, Underground junctioning, structures

FEMA

- Their Response
- Assistance to Power Companies

Repair Issues

- Out-of-state workers
- Code Variance
- Emergency repairs
- Staged repairs
- Work quality
- Delays
- Long-term repairs

Coverage Issues

- Limits
- Nature and Extent of Damage
- Improvements and Betterments
- Deductibles
- Interpretations

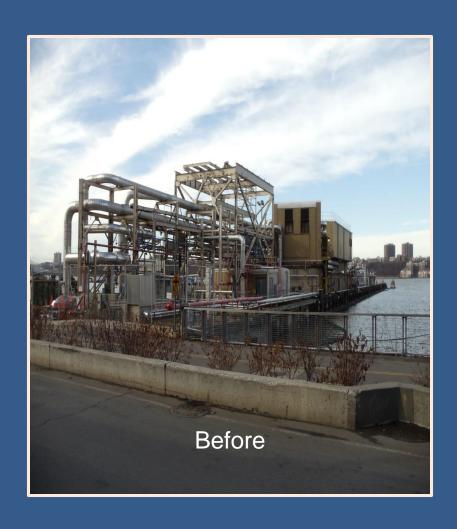
Improvements and Betterments

Storm Hardening Efforts (photos)

- Cabling
- Barriers

RISK IMPROVEMENT

59th Street Steam Station





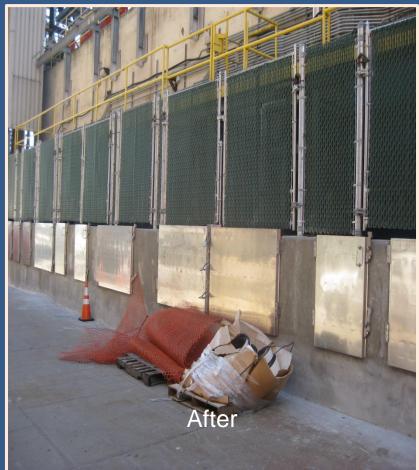
16th Street PURS





East 13th Street Substation





74th Street Steam Station











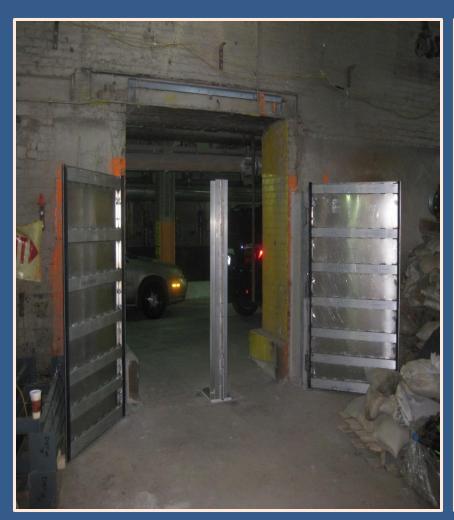


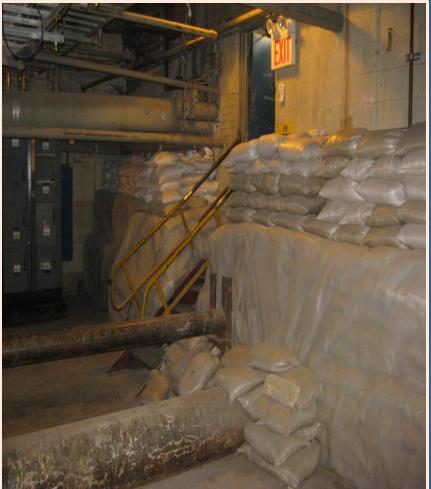












Deductibles

- FEMA Codings
- Flood Zones

Adjustment Issues

- Expert Resources
- Equipment Relocation
- Repairs vs. Improvements
- Code Upgrades
- Vehicle Loss
- Specialist Equipment Loss
- Extra Expense
- Loss Estimation Advance Payments
- Time Frame

Impact on the Industry

- FEMA Maps changes
- Climate Change Consideration
- Policy wording changes
- Risk improvement

Policy Wording Changes

- Limits
- Deductibles
- Exclusions

- Measurement of Risk Improvements

