Weather Induced Outage Risk Analysis

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Risk Solutions
Blackout Risk Model™

500,000+ weather events
11,000 power plants
64,000 substations
737,000 miles of transmission lines
Population density weighting
Tree density modelling
Winter Storm

- Effects 13 million people: 12 states
- In Massachusetts, 806k people will have power loss.

Hurricane

- Effects 2.5 million people: 10 states
- In Massachusetts, 1.2 million people will have power loss.
- Winter Storm

  - Effects 7.1 million people: 14 states
  - In Massachusetts, 2 million people will have power loss.

- Hurricane

  - Effects 13 million people: 12 states
  - In Massachusetts, 4.5 million people will have power loss.
200 Year New England Weather Outage

Winter Storm

- Effects 4.5 million people: 7 states
- In Massachusetts, 2.5 million people will have power loss.

Hurricane

- Effects 31 million people: 13 states
- In Massachusetts, 5.1 million people will have power loss.
Sandy’s Landfall - Location