



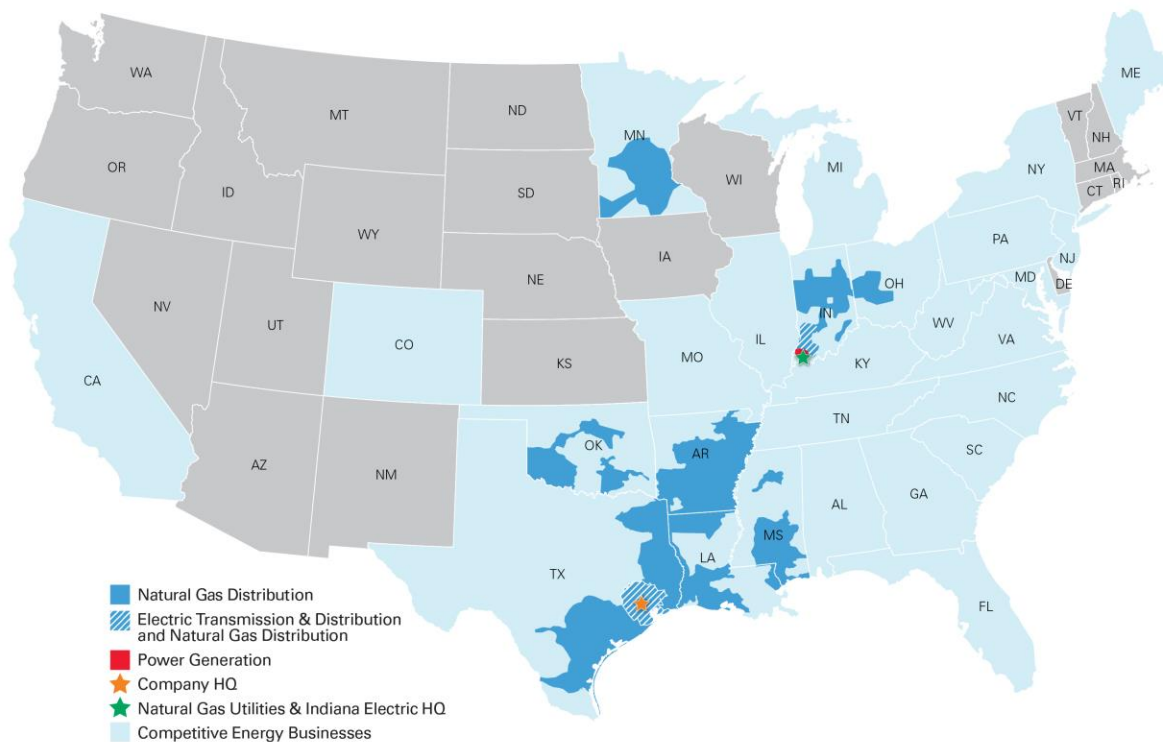
May Storm 2020

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Director of Electric Operations & Distribution Control

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Our Businesses



Electric Transmission & Distribution and Power Generation

More than
2.5
million
metered
customers

2
states

Natural Gas Distribution

More than
4.6
million
metered
customers

8
states

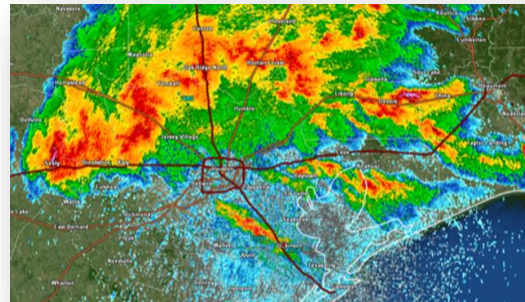
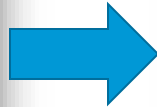
Competitive Energy Businesses

Project
activity in
more than
20
states

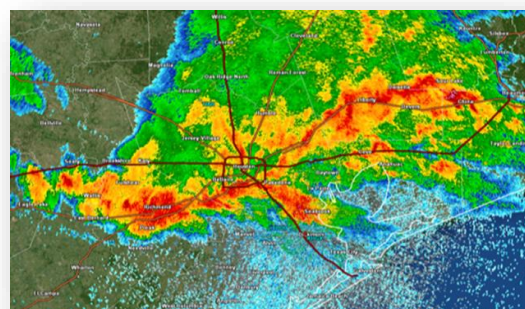
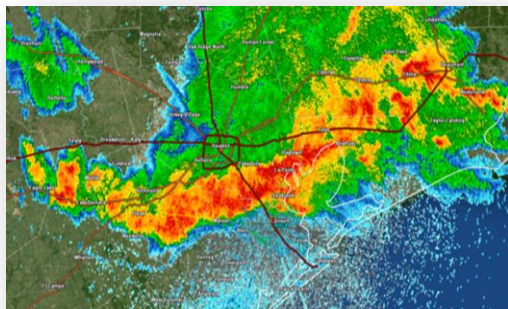
Weather



On May 27, 2020 an upper-level disturbance combined with daytime heating and an unstable environment produced severe thunderstorms that pushed southeastward through the CEHE (CenterPoint Energy Houston Electric) footprint. Severe wind gusts, frequent lightning, and heavy rainfall were the major impacts.



20,842 lightning strikes
46 mi/hr sustained winds
58 mi/hr wind gusts
2.17 in rainfall



Storm Summary

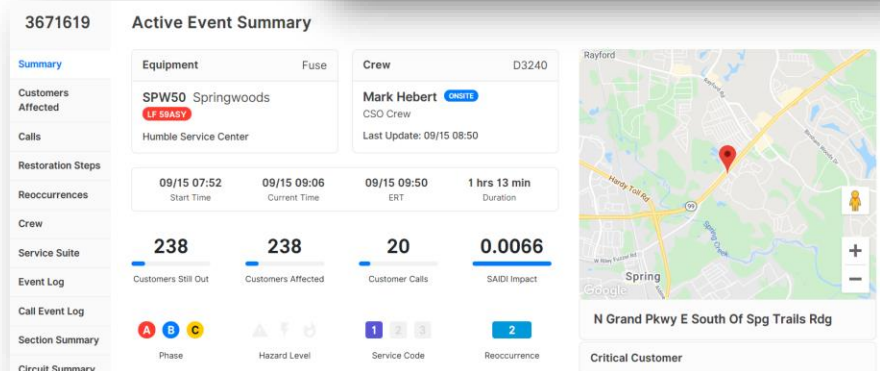
Due to the weather impact we experienced a total of **423,000** customer outages that transitioned us to a **level 8** response event. Total timeframe from exceeding level 1 to moving back below a level 1 was **34** hours. Impacts to the our system included:

- **144** circuit lockouts
- **48** partial circuit outages
- **590** overhead line fuses impacted
- **380** overhead transformers impacted
- **63** total burned up transformers
- **119** spans of overhead primary down
- **123** spans of secondary wire down
- **116** terminal poles blown (URD)
- **17** poles down
- **240** sets of overhead drops down
- **27** meter failures



What worked well....

- CenterPoint Energy has been following the AEIC best practices related to service restoration, we were able to utilize/execute some of them, on a smaller scale, during this event (transfer of control, decentralize operations)
- The incident team quickly established a working schedule for all responders and support personnel, this allowed for cut in clear and assessment to take place as soon as the weather moved out resulting in rapid restoration within areas
- Safety protocols related to COVID and other areas continued to be a major focus. Outstanding response with no significant safety incidents
- Continued use of analytics system to aid in the prioritization of outages aligning with our normal restoration processes, COVID critical infrastructure



Key takeaways

- Continue to develop partnerships and establish a points of contact for debris removal issues within the city and county. This will aid in the ability to access and prioritize.
- Continue to look for training opportunities outside of the traditional groups for assessment and restoration support
- Continue to look for opportunities with remote applications during storm restoration. This can include command and support functions
- Continue to work with communications and regulatory around needed information and timing



Q & A

