

# Special Weather Bulletin

Winter Storm Impact Update

25 February 2021

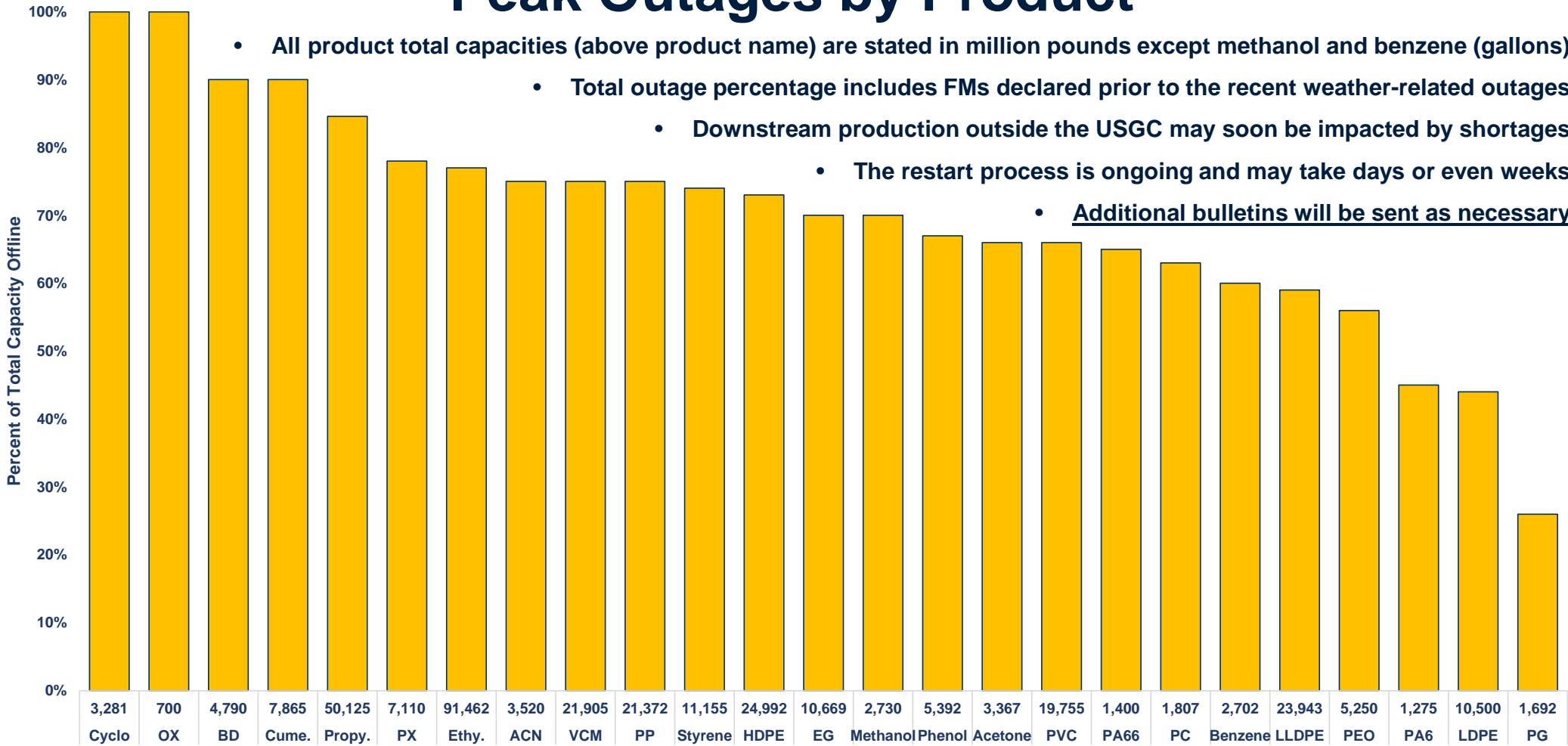


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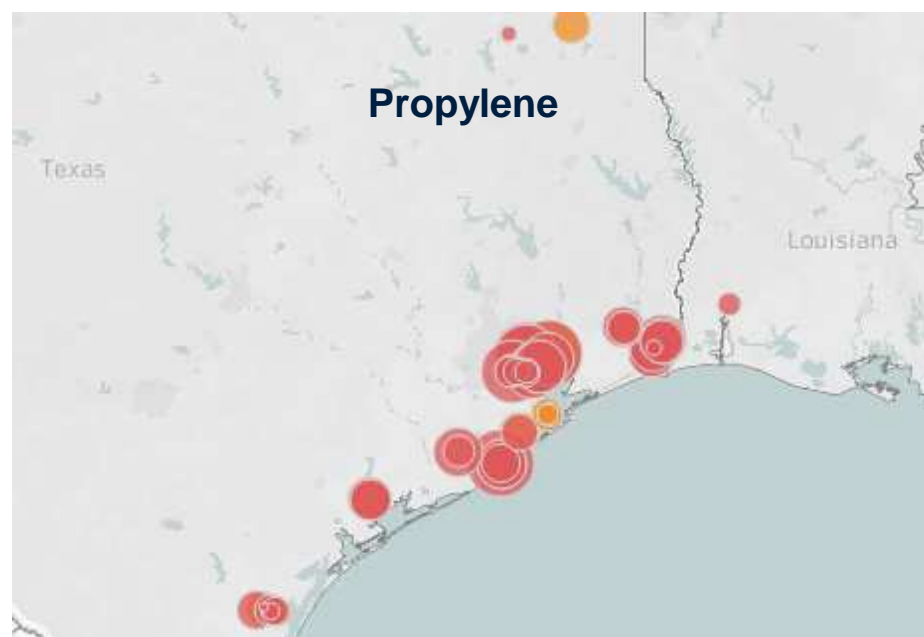
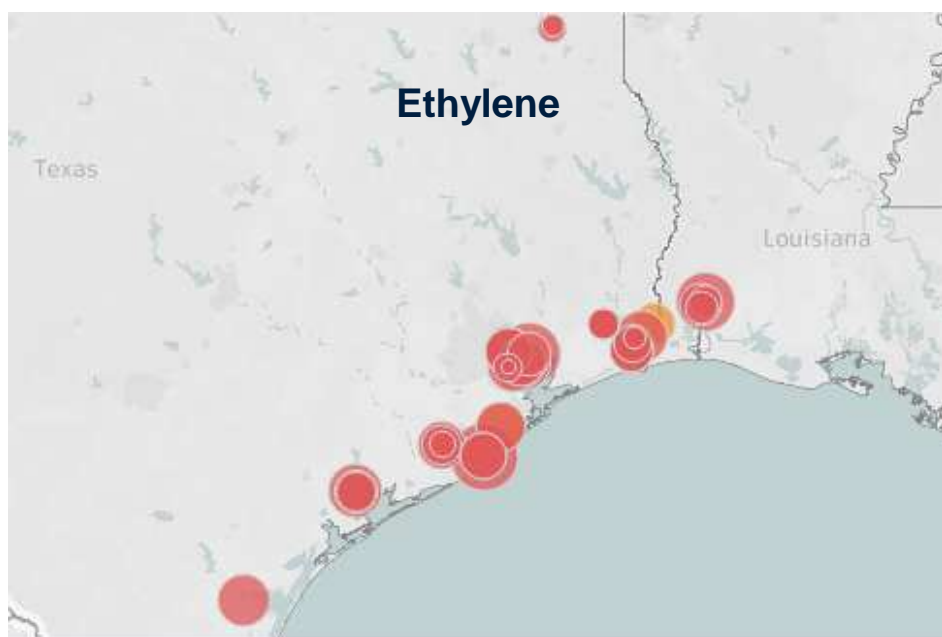
# Peak Outages by Product

- All product total capacities (above product name) are stated in million pounds except methanol and benzene (gallons)
- Total outage percentage includes FMs declared prior to the recent weather-related outages
  - Downstream production outside the USGC may soon be impacted by shortages
  - The restart process is ongoing and may take days or even weeks
- Additional bulletins will be sent as necessary



# Olefins Outages Visualized on the ICIS Live Disruptions Tracker

- The impact was widespread along the U.S. Gulf Coast, but Texas is feeling the most pain
- Olefins are two of the larger-volume products, but the maps highlight the fact that the scale of the outages for all products is greater than we typically see during a hurricane-related event



- **Unplanned Outage**
- **Planned Outage**

For more information about the data analytics tools available on ICIS, please reach out to [chemicaldata.support@icis.com](mailto:chemicaldata.support@icis.com)

# Other Impacts

- Nitrogen shortages are hindering restart of some manufacturing plants and marine terminals
  - Nitrogen is used for pressure testing and purging systems and as a safety element for many chemicals, so it is critical to have supply before restarting operations
- Limited terminal operations means limited barge, rail, and truck loading/unloading
  - There's also a shortage of available barges, tanktrucks, and tankcars
- Rail service has been restored, but a heavy backlog is extending shipping times
- The chemical industry in Mexico has also been rate limited by lack of raw materials and natural gas from the U.S.
- Natural gas production in TX was reportedly cut in half last week
- Natural gas withdrawals from storage totaled 338 billion cubic feet last week – the 2<sup>nd</sup> largest weekly withdrawal in history
- The rolling 4-week average withdrawal will likely surpass its lowest point when this week's data is reported next Wednesday
- Daily Houston Ship Channel spot natural gas price spiked to \$400/MMBtu last Tuesday before dropping back below \$3 this week

