

COVID-19 and the Power Industry Setting the Scene

Aidan Tuohy, Eamonn Lannoye EPRI Grid Operations and Planning

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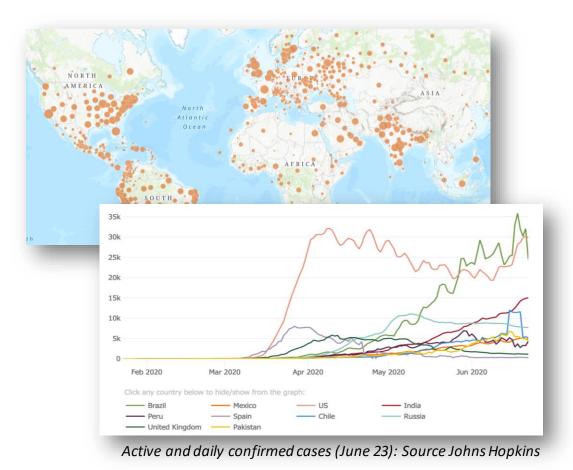


 Image: Market information
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EPRI COVID-19 Response: Collaboration

epri.com/covid-19/



Global Pandemic Webcasts

- 21 webcasts
- 7400+ participants
- 360+ companies



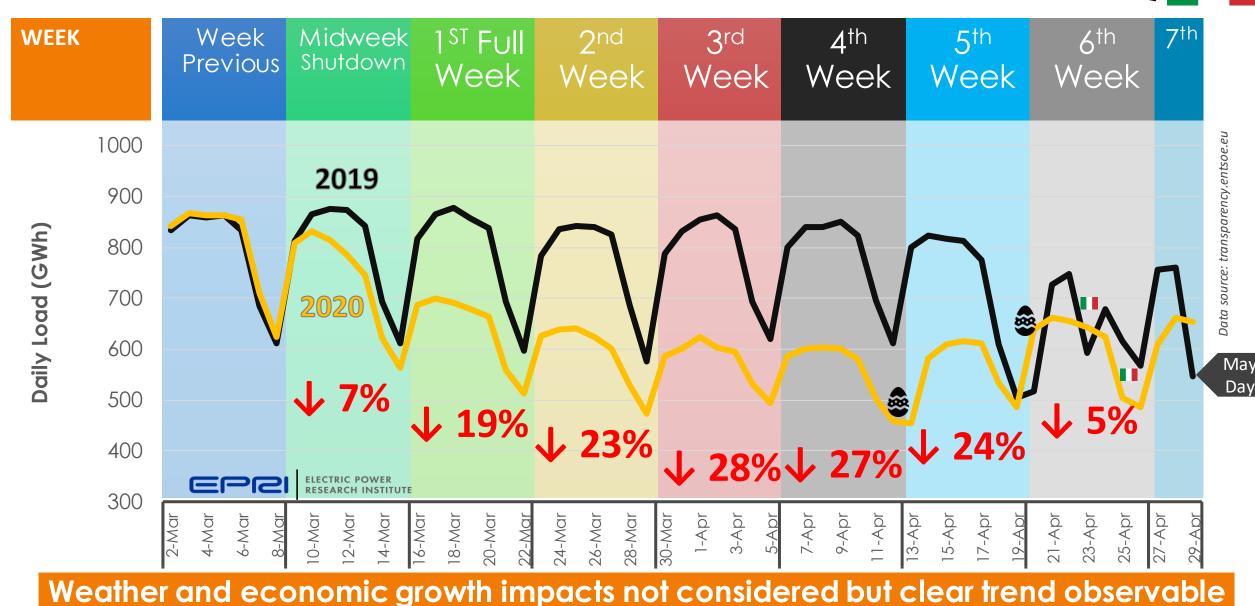
Topics addressed

- Demand and energy analysis
- Operating impacts
- Mitigation practices

Using global reach to gain insights and share with wider audience



Italian Electricity Demand over 5 weeks – 2019 vs $2020\frac{1}{2}$



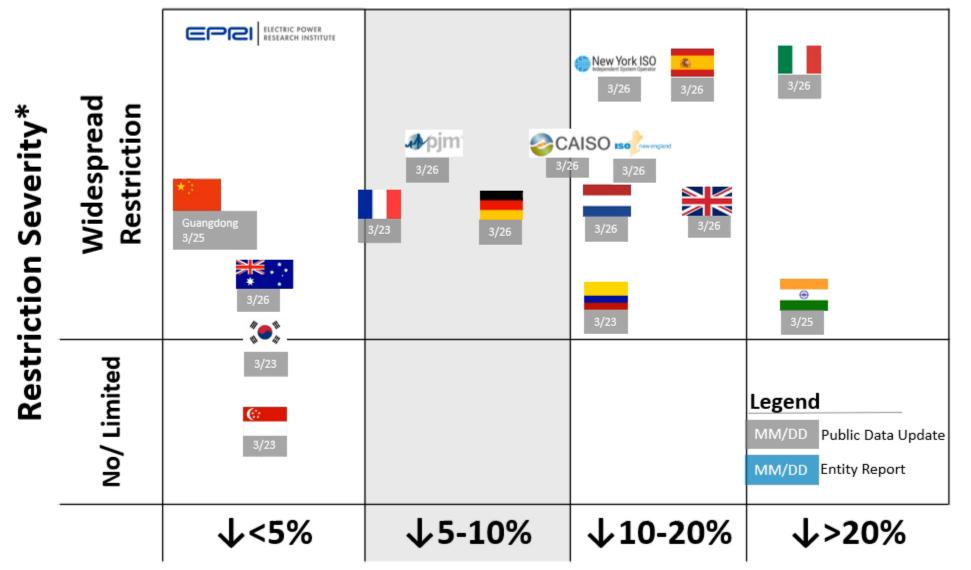
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COVID-19 Demand Impact Classification



Data Sources: ENTSO-E, EIA, POSOCO, EMC, data.gov.kr, XM, bjx.com.cn, RTE, ISA, Transgrid, AEMO, CAISO, PJM

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Daily Energy Impact

*Restriction severity varies substantially from region to region. Classification based on media reported restrictions



Pandemic Resilient and Sustainable T&D Systems



New EPRI research initiative to collaboratively address the common global needs for pandemic resilient and sustainable T&D strategies.



Together...Shaping the Future of Electricity



Information and disclaimers about analysis

- US and European Analysis based on publicly available data from ENTSO-E and EIA:
 - <u>https://transparency.entsoe.eu/</u> (account needed to download)
 - <u>https://www.eia.gov/opendata/</u>
 - Other countries based on data provided to us directly

Other factors are not considered but likely to impact load levels

- Temperature
- Behind-the-meter resources, etc.
- Underlying, non-COVID economic factors

EPRI continues to monitor and update this information

