



# PJM, COVID-19 and Clean Energy

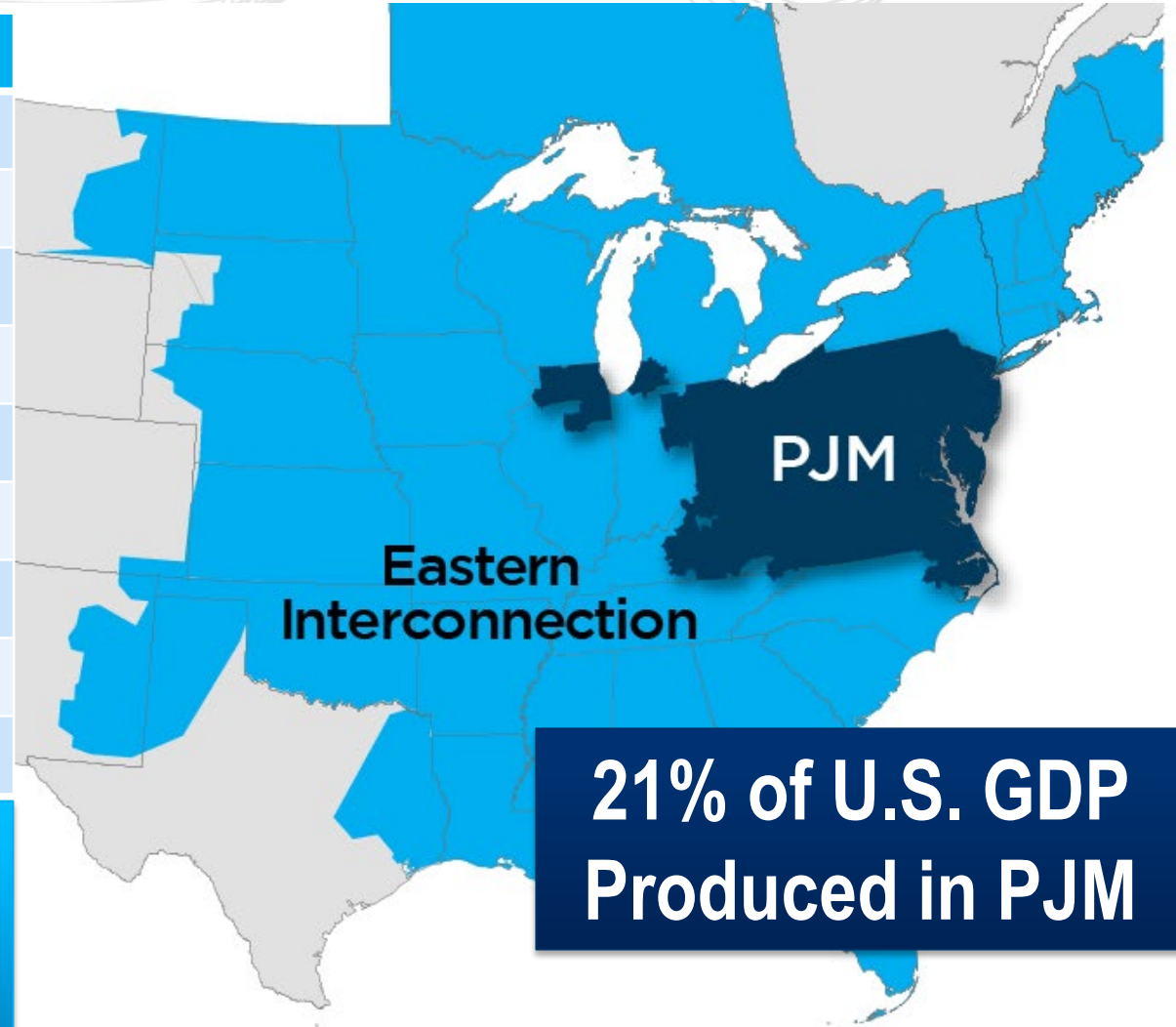
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PJM Interconnection

Energy Policy Roundtable in the PJM Footprint  
Nov. 18, 2020

## Key Statistics

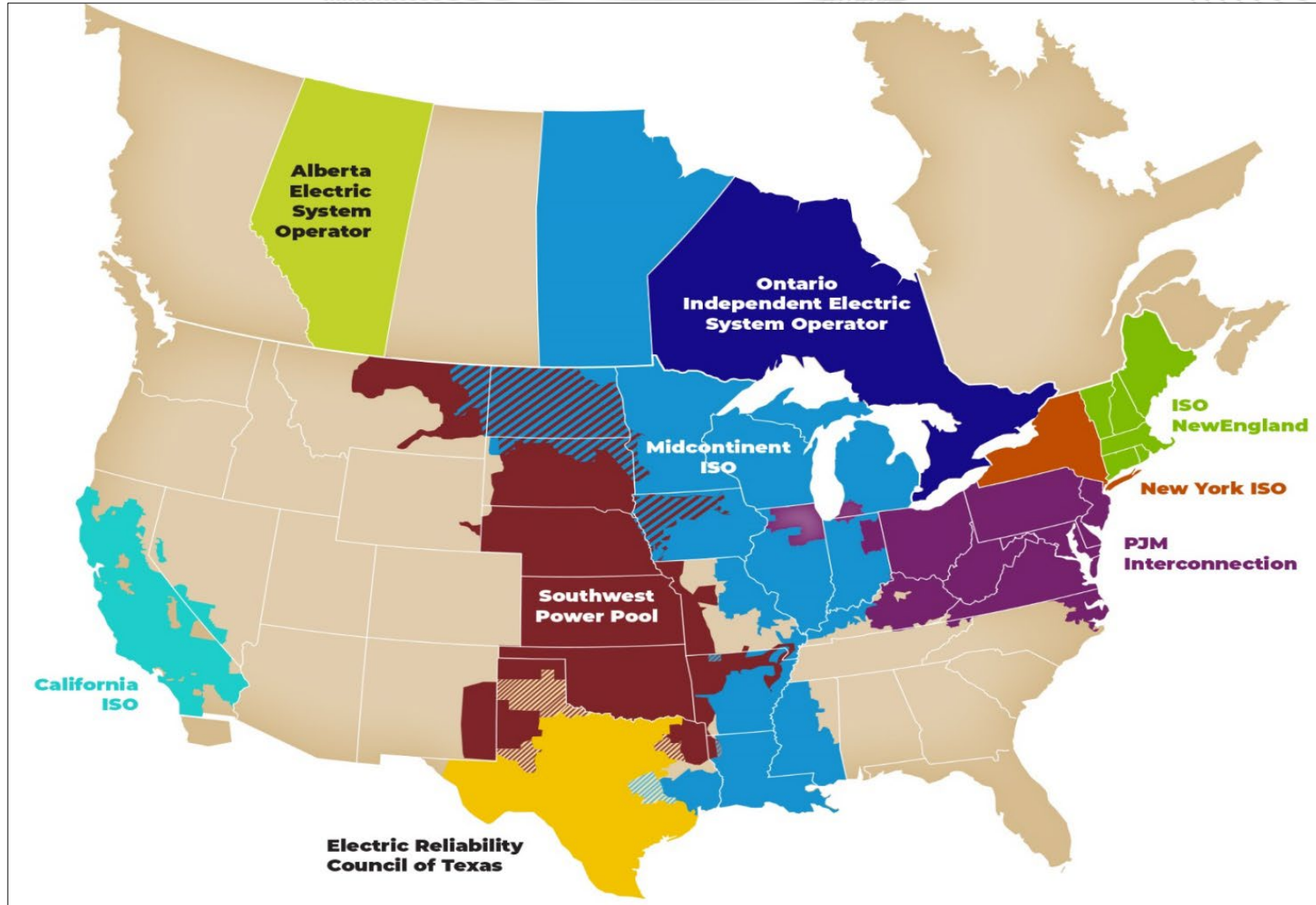
Member companies	1,040+
Millions of people served	65
Peak load in megawatts	165,563
Megawatts of generating capacity	186,788
Miles of transmission lines	84,236
2019 gigawatt hours of annual energy	787,307
Generation sources	1,446
Square miles of territory	369,089
States served	13 + DC

- 27% of generation in Eastern Interconnection
- 26% of load in Eastern Interconnection
- 20% of transmission assets in Eastern Interconnection



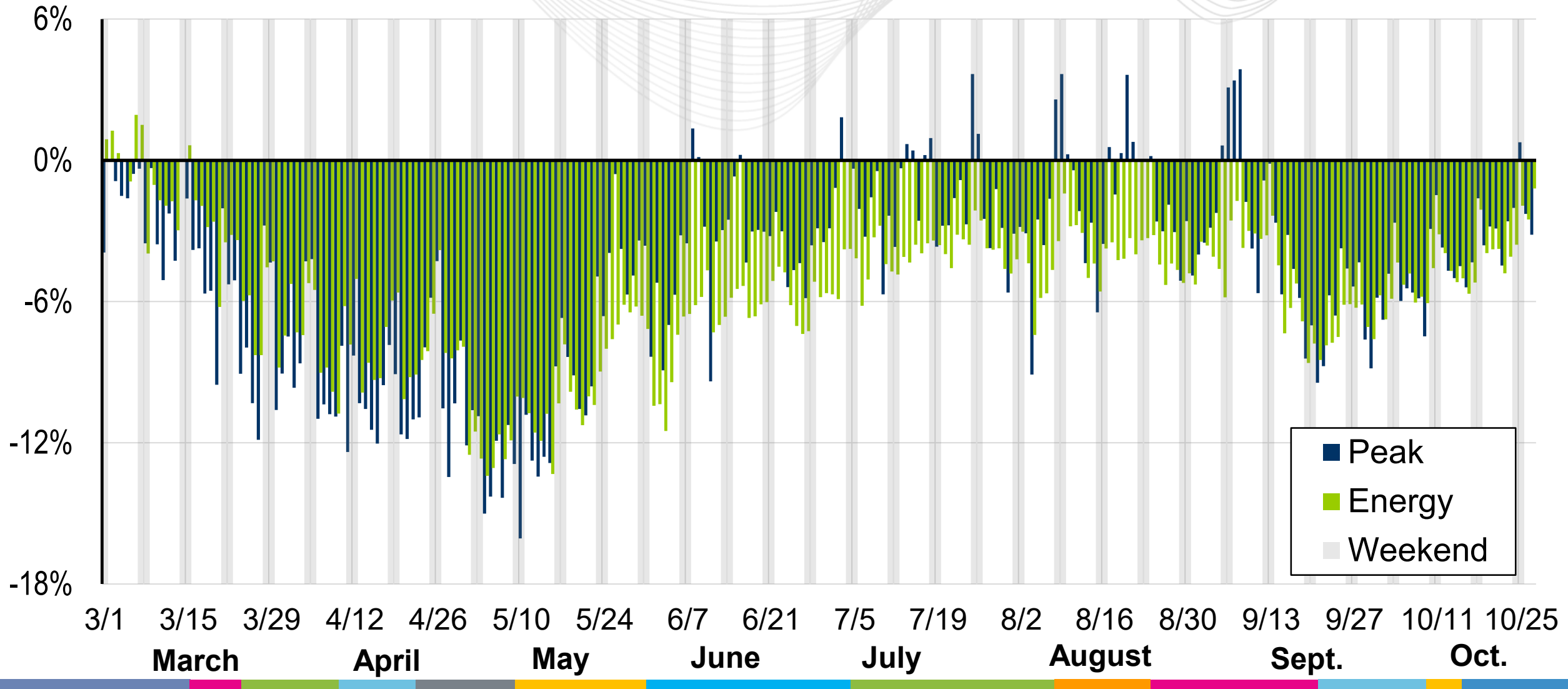
As of 2/2020

# Nine Major North American RTOs/ISOs



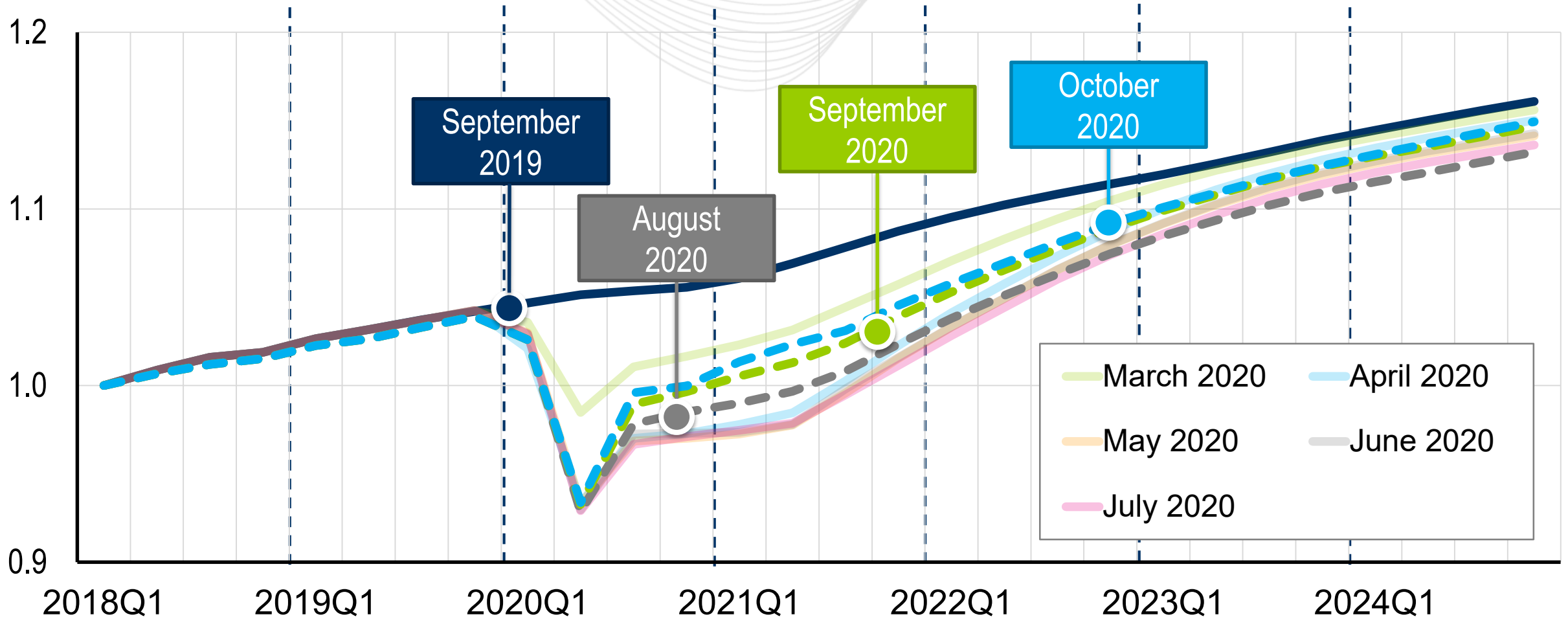


# Estimated Impact of COVID-19 on Daily Peak and Energy



# Moody's Analytics Economic Forecast

## U.S. Real Gross Domestic Product (Q1 2018 = 1.0)



As our states evolve, we must evolve with them.

## **State Policy Solutions**

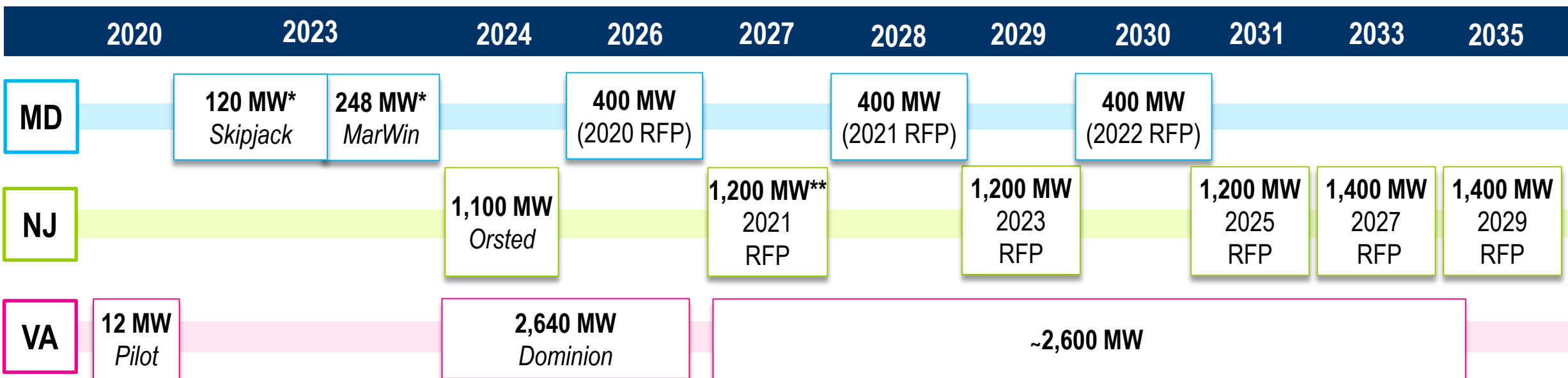
The group is a technical arm at PJM that exists purely to assist states in the advancement of their energy policy initiatives.

***State Policy Solutions***





	Maryland	New Jersey	Virginia
	Target: <b>1,568 MW by 2030</b>	Target: <b>7,500 MW by 2035</b>	Target: <b>5,200 MW by 2034</b>
<b>POLICIES</b>	<ul style="list-style-type: none"> <li>Maryland PSC Order No. 88192 (2017)</li> <li>Clean Energy Jobs Act of 2019</li> </ul>	<ul style="list-style-type: none"> <li>Clean Energy Act of 2018</li> <li>Executive Order No. 92 (Nov. 2019)</li> </ul>	<ul style="list-style-type: none"> <li>Virginia SCC Order (2018)</li> <li>Virginia Clean Economy Act of 2020</li> </ul>



\*Subject to delay; \*\*NJ solicitation #2 may result in the procurement of up to 2,400 MW

- FERC Order 2222 is expected to have broad impacts on market participation by distributed energy resources (DER).
- PJM has a robust demand response (DR) model allowing DER participation through aggregations.
- The PJM DR model provides a strong starting point for full compliance with the order.
- PJM is prepared to assist stakeholders and members with fulfillment of the order.
- New collaboration paradigm between PJM and states.