

# DER Important Dates and Schedule

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**ICAPWG/MIWG/PRLWG:**

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# DER Tariff Filing Accepted

- **On January 23, FERC accepted NYISO's proposed Aggregation participation model**
  - [Link to Order](#)
- **NYISO submitted a compliance filing on Monday, February 24 that:**
  - Proposed an effective date for the Aggregation components of the filing;
  - Revised certain tariff records in Services Tariff sections 23.2 and 23.4.5.7 (the Buyer-Side Mitigation Rules) to reflect the NYISO's February 18, 2020 compliance filing in Docket No. ER19-467; and
  - Made certain syntax changes previously proposed by the NYTOs and agreed to by the NYISO
- **NYISO is also directed to submit an informational filing no later than September 30, 2022 that:**
  1. Provides the proposed review schedule for the Duration Adjustment Factors
  2. Includes NYISO's preliminary assessment of the Duration Adjustment Factors applied to duration-limited resources for the 2021-2022 capability year

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# Upcoming DER Deployment Dates

# Meter Services Entity

- NYISO will begin accepting MSE applications **March 1, 2020**
- NYISO will begin accepting application fees **May 1, 2020**
  - Technical Bulletin 247 expires at the end of Operating Day April 30, 2020
- **The MSE construct will initially be available to Responsible Interface Parties and Curtailment Service Providers**
  - Will be available to Aggregators once the Aggregation and DER participation model goes into effect
- **Please see the February 20, 2020 BACWG materials for more information on the MSE Construct and draft material**

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# Interconnection Procedures

- Aggregation and DER interconnection procedures will become effective **May 1, 2020**

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# Dual Participation

- Resources may begin Dual Participating **May 1, 2020**
- NYISO will update manuals in the coming months incorporating the updates to support Dual Participation
  - Transmission and Dispatching Manual
  - Emergency Operations Manual
  - Ancillary Services Manual
  - Day-Ahead Scheduling Manual

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# Transmission Node Identification

- NYISO plans on publishing its initial set of Transmission Nodes in **Q4 of 2020**
- Transmission Nodes represent the individual points on the transmission system where an Aggregation's Energy injections, Energy withdrawals, and Demand Reductions are modeled by NYISO, and the point at which its LBMPs will be calculated
  - Aggregators and DER Developers will work with the applicable Member System to identify the particular Transmission Node to which a facility connects
  - The Member Systems are the eight Transmission Owners that comprised the membership of the New York Power Pool

# Expanding Capacity Eligibility

- Effective **March 1, 2021** and applicable beginning with the 2021-2022 Capability Year
- New capacity rules will allow Resources with Energy Duration Limitations to elect a daily run-time duration (2, 4, 6, 8, 24 hours)
  - Existing Resources with Energy Duration Limitations must elect their duration for the 2021-2022 Capability Year by **August 1, 2020**
- Beginning with the 2021-2022 Capability Year, SCRs will be subject to the rules and payment structure for Resources with a four-hour Energy Duration Limitation
- Wind and Solar Resources and Aggregations of Wind or Solar facilities will participate in the Installed Capacity market as they do today—as Installed Capacity Suppliers with *no* Energy Duration Limitation

# DER & Aggregation Participation Models

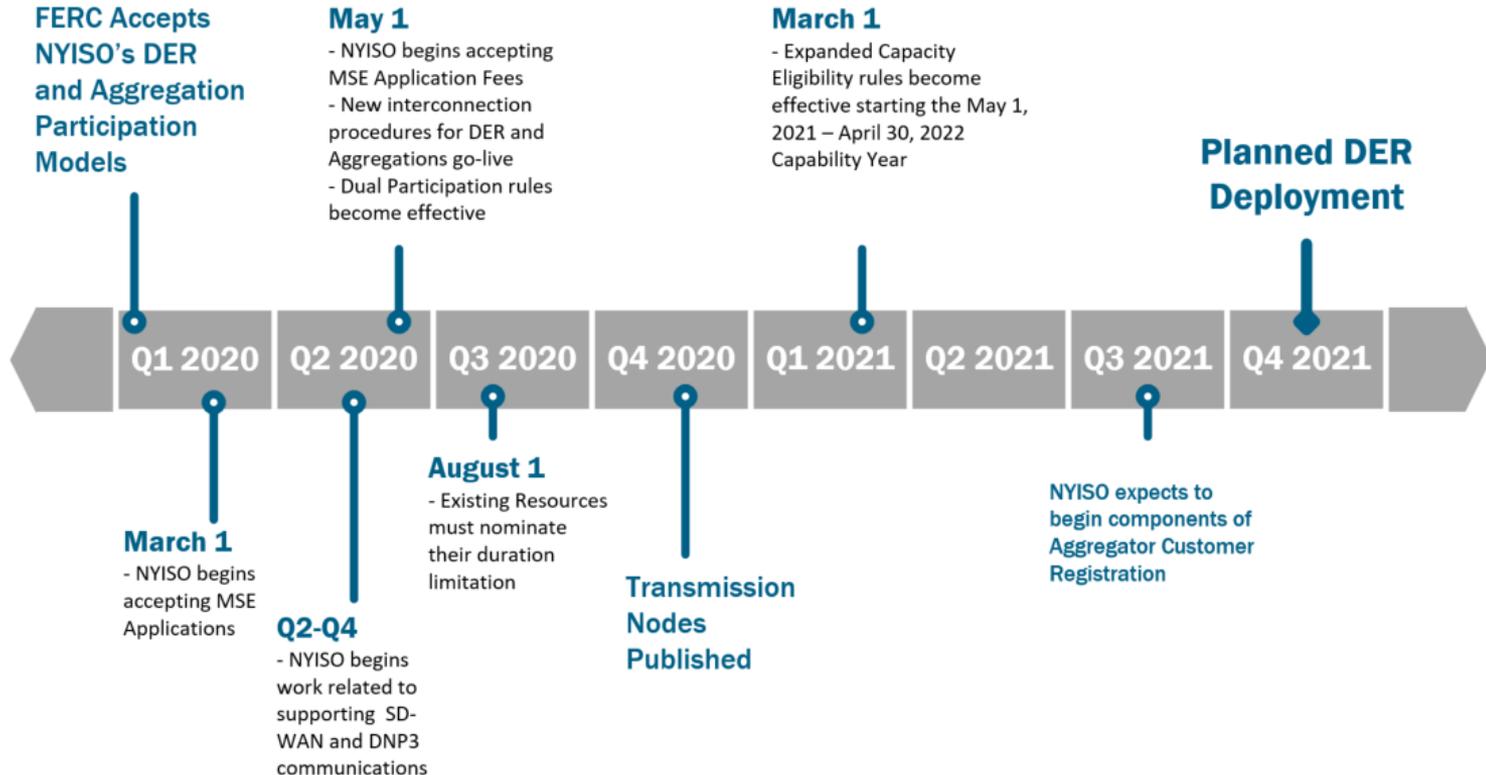
- NYISO intends to fully deploy the DER & Aggregation participation models in **Q4 2021**
  - NYISO expects to begin components of Aggregator Customer Registration in **Q3 2021**
- **Additionally, the following will become effective when DER goes-live:**
  - MSE construct expansion to include DER Aggregations
  - Meter Authority optional use of SD-WAN technologies for and/or use of DNP3 for telemetry to the NYISO
    - NYISO will begin working in **Q2 - Q4 2020** on manuals and guides related to SD-WAN & DNP3 communications

# Sunset of DADRP and DSASP

- **The NYISO DER participation model will replace the existing DSASP and DADRP**
- **DSASP and DADRP will continue to be effective until the day the full DER and Aggregation participation model goes into effect**
  - The NYISO will assist current DSASP participants with the transition to the DER participation model

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# NYISO DER and Aggregation Participation Models Deployment Timeline



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# Questions?

- Email additional feedback to:  
[DER\\_Feedback@nyiso.com](mailto:DER_Feedback@nyiso.com)



Don't forget the underscore

# Appendix

## ICAP Supplier Payment Structure

# Appendix: ICAP Supplier Payment Structure

- **The NYISO's Duration Adjustment for Resources with Energy Duration Limitations resources**

- These rules will be effective starting in the 2021-2022 Capability Year

Duration (hours)	Incremental Penetration of Resources with Energy Duration Limitations	
	Less than 1000 MW	At and Above 1000 MW
2	45%	37.5%
4	90%	75%
6	100%	90%
8	100%	100%

# Appendix: ICAP Supplier Payment Structure

- **Every year, the NYISO will post the MW count of incremental Resources with Energy Duration Limitations so that all Market Participants are aware which set of Duration Adjustment Factors will be used in the following Capability Year**
  - The incremental MW count will be posted by July 15 to provide time for Resources to elect their Energy Duration Limitations by August 1
- **The MW count will start for incremental penetration of Resources with Energy Duration Limitations above the existing MW in service as of January 1, 2019**
- **Once the MW penetration threshold has been met, the effective date of new Duration Adjustment Factors will be May 1 of the following Capability Year**
  - These Duration Adjustment Factors will continue to be effective notwithstanding the future MW count of incremental penetration of Resources with Energy Duration Limitations

# Appendix: ICAP Supplier Payment Structure

- **The NYISO Duration Adjustment Factors are based on the GE Capacity Value Study as well as the other studies that have been conducted**
  - The NYISO will revisit the Capacity Value Study every 4 years
    - Periodic reevaluation is required to ensure that the Duration Adjustment Factors more accurately reflects the actual system changes over time and sends the right investment signals to the developers
    - The Capacity Value Study will be reoccurring starting two years before the Demand Curve Reset process begins (every 4 years) (e.g., 2022, 2026, etc.)

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