

# JOINT UTILITIES OF NEW YORK

## DISTRIBUTED SYSTEM PLATFORM (DSP) ENABLEMENT QUARTERLY NEWSLETTER

### QUICK HITS

- The Joint Utilities filed comments and reply comments on August 24 and September 11, respectively, on the two DPS Staff data-related whitepapers.
- The Joint Utilities filed comments on a CES Procurement Whitepaper from DPS Staff and NYSEERDA.
- Utilities are continuing to advance CLCPA goals through transmission and distribution planning efforts.
- The Joint Utilities and NYPA submitted comments on how to rethink resource adequacy in New York State.
- Central Hudson and National Grid hosted DSIP stakeholder sessions.
- NYISO is delaying implementation of the DER aggregation participation model, while simultaneously expediting hybrid storage efforts.
- NYSEG and RG&E have submitted a Joint Proposal for their rate cases.
- National Grid submitted a request for new rates which emphasizes energy affordability.
- Central Hudson pushes climate leadership and reliability in a newly submitted rate case.

More details on pages [2](#) & [3](#).

### FEATURED DEVELOPMENTS

- Utilities work to advance electric vehicles in New York following approval of the Make-Ready Program. [Page 4](#).
- Utilities continue to advance hosting capacity map capabilities. [Page 6](#).
- Utilities push smart inverter innovation through the Smart Inverter Roadmap. [Page 7](#).



**JOINT UTILITIES**  
OF NEW YORK

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## QUICK HITS

- **Comments submitted on the Data Access Framework and Integrated Energy Data Resource (IEDR) whitepapers:** On August 24<sup>th</sup>, the Joint Utilities submitted [comments](#) on the DPS Staff's Data Access Framework (Framework) Whitepaper and Integrated Energy Data Resource (IEDR) Whitepaper as part of a proceeding initiated by a March 2020 Commission [order](#). The comments highlighted the utilities' extensive experience deploying data solutions, supported the importance of prioritizing basic use cases that provide customer value, noted existing utility efforts to develop and share useful data, identified implications for data/technology availability, and detailed cost allocation issues. The Joint Utilities submitted reply [comments](#) on September 11<sup>th</sup> that emphasized areas of agreement and disagreement with comments from other stakeholders.
- **Addressing CLCPA requirements for renewable energy procurements:** On June 18<sup>th</sup>, DPS Staff and NYSERDA filed a whitepaper identifying a regulatory structure to address the CLCPA requirements for renewable energy procurements in the [Large-Scale Renewable/Clean Energy Standard Proceeding](#). Following a July 14<sup>th</sup> technical conference, the Joint Utilities filed whitepaper [comments](#) to address current shortfalls of zero-emission credits, NYPA's participation in Tier 2 solicitations, and the Divergence Test to adjust alternative compliance payments. 64 other parties also filed comments on the whitepaper, and the JU on August 31<sup>st</sup> filed reply [comments](#) to recommend that biogas play a role in meeting renewable electric and GHG emissions goals, urge close monitoring of Tier 1 procurement levels to protect customers from price spikes, and support the development of programs/policies to reduce co-pollutant emissions.
- **Advancing CLCPA goals through transmission and distribution planning efforts:** On May 14, 2020, the Commission issued an [order](#) relating to transmission and distribution planning to meet the CLCPA. The Order asked the JU to identify the investments necessary on the transmission and distribution system to help achieve CLCPA goals. The JU have generally aligned on key aspects of the T&D study, including input assumptions and scenarios, and are now actively working to complete the studies. The JU expect to propose a list of projects and include discussion of implementation and cost recovery.
- **Comments submitted on the future direction of New York State's resource adequacy:** The Joint Utilities and NYPA submitted joint [comments](#) on August 21<sup>st</sup> to outline views about a preferred path forward for reforming New York State's resource adequacy framework to harmonize the NYISO markets with New York's clean energy policy goals. The comments were in response to a Brattle Group [analysis](#) of five potential resource adequacy structures. The JU remain active participants in the PSC's resource adequacy [proceeding](#) (Docket 19-E-0430) and NYISO's stakeholder process.
- **Central Hudson and National Grid host DSIP stakeholder sessions:** Central Hudson hosted its DSIP stakeholder [session](#) on September 21<sup>st</sup> and National Grid hosted its DSIP stakeholder session on October 7<sup>th</sup>. All the utilities are using these stakeholder sessions to provide an overview of key elements of their 2020 DSIP filings.

## QUICK HITS (CONTINUED)

- **NYISO delays DER implementation, but expedites efforts on hybrid storage resources:** NYISO has pushed back the implementation of its DER aggregation participation model—which was approved by FERC before it issued [Order 2222](#) on September 17<sup>th</sup>—from Q4 2021 to Q4 2022 due to the increased size, complexity, and cost of the project. Simultaneously, the NYISO will be expediting efforts to advance its Hybrid Storage Model (i.e. generation and storage co-located behind a single point of interconnection). The JU and NYISO continue to focus on defining operational coordination requirements to support implementation of these models.
- **NYSEG and RG&E make progress in rate cases:** In accordance with the procedural schedules issued by the Administrative Law Judges in the proceeding, the following has occurred: (1) on July 15<sup>th</sup> and 29<sup>th</sup>, respectively, parties submitted statements and reply statements in support or opposition of the Joint Proposal; (2) an evidentiary hearing was held virtually on August 6<sup>th</sup> to receive into evidence and evaluate, through the presentation of evidence and cross-examination of witnesses, the Joint Proposal that was filed on June 22<sup>nd</sup>. Post-hearing briefs and reply briefs were submitted on August 18<sup>th</sup> and 25<sup>th</sup>, respectively; (3) Public statement hearings were held on August 26<sup>th</sup> and 27<sup>th</sup> for the public to provide comments on any aspect of the Joint Proposal and proposed customer office closures, respectively. The Commission will issue a decision on the Joint Proposal at a forthcoming session.
- **National Grid emphasizes energy affordability in request for new rates:** On July 31<sup>st</sup>, National Grid submitted a request for new rates to take effect in July 2021. The Company's current three-year rate agreement expires March 31, 2021. The new rates would cover the costs of providing service to upstate New York customers and includes enhanced energy affordability programs and services, continued deployment of economic development programs that grow the economy, and unprecedented investment in energy efficiency and demand response programs to help customers manage their energy usage and bills. The company originally planned to file a request for new rates in April but delayed that filing until July 31<sup>st</sup> due to COVID-19. National Grid hopes to work with PSC staff, customer advocates and other stakeholders to reach a multi-year agreement that would phase in new rates to further mitigate customer bill impacts. National Grid is also proposing up to \$50 million in COVID-19 relief to support the company's most economically vulnerable residential customers as well as businesses that are struggling.
- **Central Hudson pushes climate leadership and reliability in newly submitted Rate Case:** In August, Central Hudson filed a rate case which would become effective after June 30, 2021. The filing emphasized climate leadership and included expanded energy efficiency programs, investments in grid modernization to allow for greater DER penetration, Clean Heat Programs, and incentives to reduce the cost of electric vehicle chargers. Plans also focused on increased grid reliability and included investing in new technologies that improve the durability and reliability of the grid, including systems that identify and restore power outages more quickly, as well as the replacement of aging electric and natural gas infrastructure.

# ELECTRIC VEHICLE INFRASTRUCTURE MAKE-READY PROGRAM

## Electric Vehicle Infrastructure Make-Ready Program

At the July 2020 session, the Commission voted to approve an [Electric Vehicle Infrastructure Make-Ready Program](#). The Order supports CLCPA goals as well as New York State’s zero-emission vehicle (ZEV) goal of deploying 850,000 electric vehicles across the state by 2025. The total budget for the program is \$701 million, \$206 million of which must directly benefit low- to moderate-income and disadvantaged communities. Among many aspects of the Make-Ready program, the Order requires that public sites that meet all accessibility requirements will receive a 90% incentive level, all other non-disadvantaged community sites will receive an incentive at 50%, and disadvantaged community sites will receive 100% of the incentive level. DCFCs and Level 2 chargers located at multi-unit dwelling (MUD) or disadvantaged community sites will receive a 100% incentive. The program also establishes fleet assessment services for light, medium, and heavy-duty vehicle fleets. In addition to the Make-Ready Program, NYSEDA announced new Prizes for targeted priorities including:

- Development of EJ Community Clean Vehicle Transformation Prize (\$40M)
- Clean Personal Mobility Prize (\$25M)
- Medium- and Heavy-duty Make-Ready Program (\$15M)
- Transit Authority MRP (\$10M)

Site Requirements		Make-Ready Program Incentive Level		
		Up to 50%	Up to 90%	Up to 100%
Accessibility		Non-publicly accessible sites, including workplace and privately-owned pay-to-park lots	Publicly accessible sites, including municipal paid parking	
Plug Type	Level 2	Sites utilizing proprietary plugs	Sites utilizing non-proprietary, such as SAE J1772 plugs	
	DCFC	Sites utilizing proprietary plugs	Sites utilizing non-proprietary plugs, or, at sites where a proprietary plug type is collocated at a station with an equal number of non-proprietary plug types of equal or greater charging capacity	
Disadvantaged Communities				Sites located within 1-2 miles of a Disadvantaged Community

Program summary table created by Orange & Rockland

## ELECTRIC VEHICLE INFRASTRUCTURE MAKE-READY PROGRAM AND PARTICIPANT GUIDE (CONTINUED)

### Make-Ready Program Participation

On September 14<sup>th</sup>, each utility filed its Make-Ready [Program Implementation Plans](#). The plans provide an overview of the Make-Ready Program and eligibility criteria, Make-Ready Program implementation steps, plans for outreach and education activities, fleet assessment services, implementation timelines, and anticipated program costs, third-party support, and administrative needs. Entities looking to participate in the Make-Ready program will need to apply via an online portal hosted on each company's Make-Ready website, linked in the table below. The portals will be available by October 15<sup>th</sup>.

Utility Company Make-Ready Program Website Links
<a href="#">Consolidated Edison Company of New York, Inc.</a>
<a href="#">Central Hudson Gas &amp; Electric Corporation</a>
<a href="#">National Grid</a>
<a href="#">New York State Electric &amp; Gas Corporation</a>
<a href="#">Orange and Rockland</a>
<a href="#">Rochester Gas and Electric Corporation</a>

Entities looking to participate in the Make-Ready Program must use an Approved Contractor. Contractors can self-certify to become approved on the Joint Utilities website. Applications for a fleet assessment will be available by mid-October on the Joint Utilities website as well as on each utility's website.

## UTILITIES IMPLEMENT A NEW ROUND OF HOSTING CAPACITY DISPLAY ENHANCEMENTS

Each utility completed its annual refresh of hosting capacity analysis and maps as of October 1<sup>st</sup> in accordance with Stage 3.1 specifications. Going forward, the hosting capacity maps will be updated every 6 months for areas that have received a total increase of connected DG above 500 kW over the prior 6 months.

The JU are also working with Scenic Hudson to pilot new approaches to providing additional map functionality to users, including the ability to overlap existing hosting capacity maps with Scenic Hudson's Solar PV mapping tool website. This allows end-users to simultaneously assess a prospective project's hosting capacity with other major considerations such as land availability, zoning restrictions, and other environmental criteria. The intent is to provide a similar level of additional map functionality to other third parties once the JU has worked through the details with Scenic Hudson.

Finally, in response to the July 16<sup>th</sup> Make-Ready Order, the JU plan to release load capacity maps tailored to electric vehicle charging infrastructure later this year. The load capacity map will provide a great foundation for other load technologies to help understand how much load capacity headroom is available (e.g., for energy storage charging limits). The next JU Hosting Capacity Stakeholder Engagement session is currently planned for November.

Local Hosting Capacity for PV	
Substation	RHINEBECK
Feeder	7058
Local Voltage (kV)	13.20
Local Maximum Hosting Capacity (MW)	4.00
Local Minimum Hosting Capacity (MW)	4.00
Anti-Islanding Hosting Capacity Limit (MW)	0.23
DG Connected (MW) (Circuit)	0.01
DG in Queue (MW) (Circuit)	0.04
Load Zone	
HCA Refresh Date	9/30/2020
DG Connected/In Queue Refresh Date (Circuit)	9/30/2020
DG Installed Since Last HCA Refresh (MW) (Circuit)	0.00
Notes	None

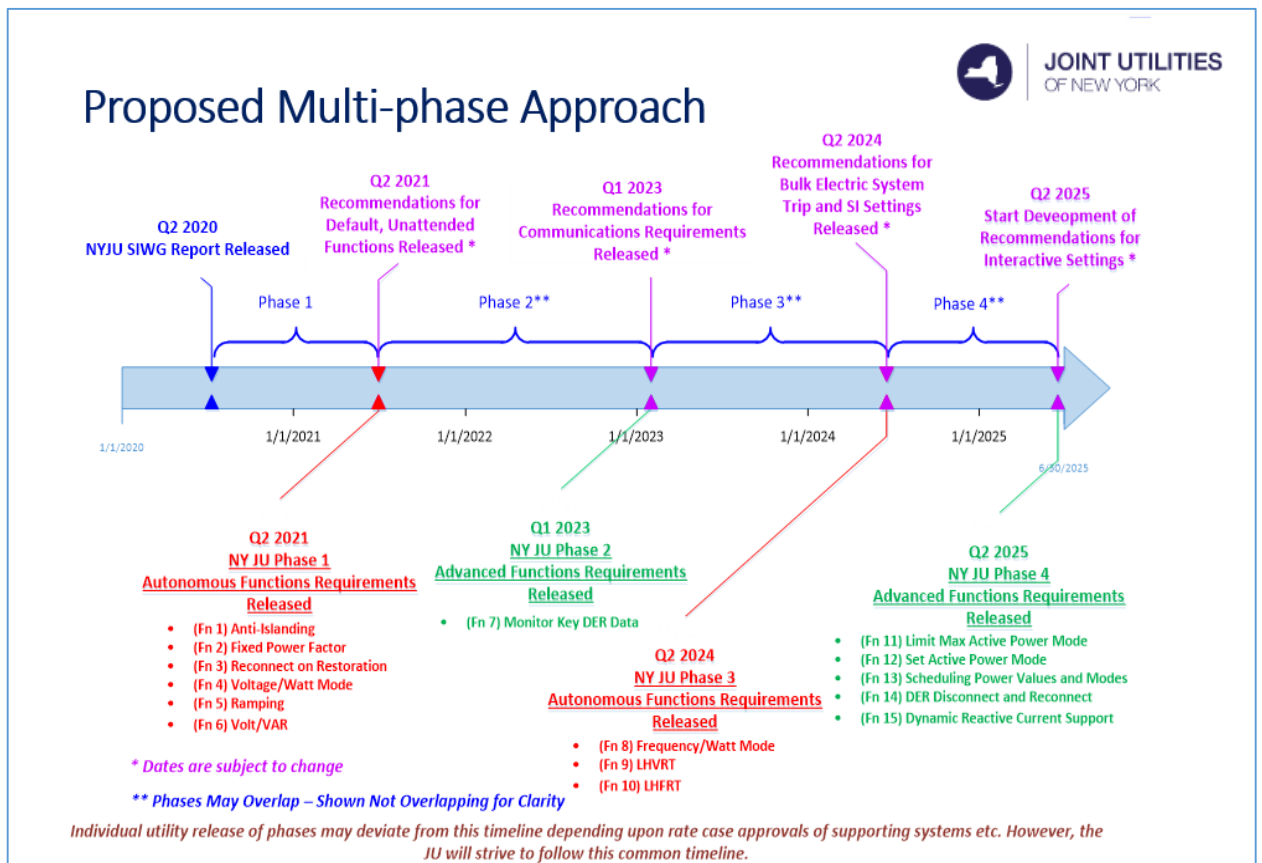
*Utility hosting capacity map data pop-up confirming data refresh*

# JOINT UTILITIES PAVE THE WAY FOR SMART INVERTER IMPLEMENTATION IN NEW YORK

The Joint Utilities are taking steps to chart a course to integrate smart inverters into their systems. The intent of this effort is to proactively develop a common framework on smart inverters to inform future discussions with stakeholders on implementation efforts in New York State. This strategic initiative culminated in the development of a JU smart inverter phased roadmap and associated timeline for future implementation.

The development of the roadmap was driven by research into other utility smart inverter efforts around the U.S. The JU also considered prioritization of grid needs, utility capabilities to support smart inverters, and risks associated with smart inverter functions. The draft roadmap helps articulate a clear, common message on how the JU are currently contemplating future use of smart inverters.

Upcoming ITWG meetings will provide a forum for further discussion with industry on the earlier phases of the roadmap, which are focused on implementing higher-priority autonomous smart inverter settings. The draft roadmap also sets a common timeline for developing the back-office capabilities for more advanced smart inverter functions. As the JU turn their attention to implementation, they will continue to maintain ongoing coordination with relevant stakeholders, including the ITWG and NYISO.



## NOTABLE DATES



### October 2020

- 10/1 – Hosting Capacity Analysis & Maps Refresh Complete
- 10/14 – Central Hudson, National Grid, O&R, and NYSEG/RG&E to submit Medium- and Heavy-Duty Fleet Make-Ready Pilot Program Implementation Plans

### November 2020

- 11/1 – Filing deadline for utility transmission plans as part of the CLCPA T&D order
- 11/13 – Utility proposals due for active or managed EV charging programs for mass market customers

View our monthly calendar online: [jointutilitiesofny.org/stakeholder-engagement/](https://jointutilitiesofny.org/stakeholder-engagement/)

## CONNECT WITH US

We're interested in hearing from you. Do you have questions, comments, or ideas? Email us at [info@jointutilitiesofny.org](mailto:info@jointutilitiesofny.org). And for more information on updated data and other useful references, be sure to visit the Joint Utilities website at <https://jointutilitiesofny.org/>.

