

Expedited Deliverability Study 2024-01

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Agenda

- **Projects in Expedited Deliverability Study 2024-01**
- **Expedited Deliverability Study Procedures**
- **Expedited Deliverability Study 2024-01 Results**
- **Expedited Deliverability Study 2024-01 Next Steps**

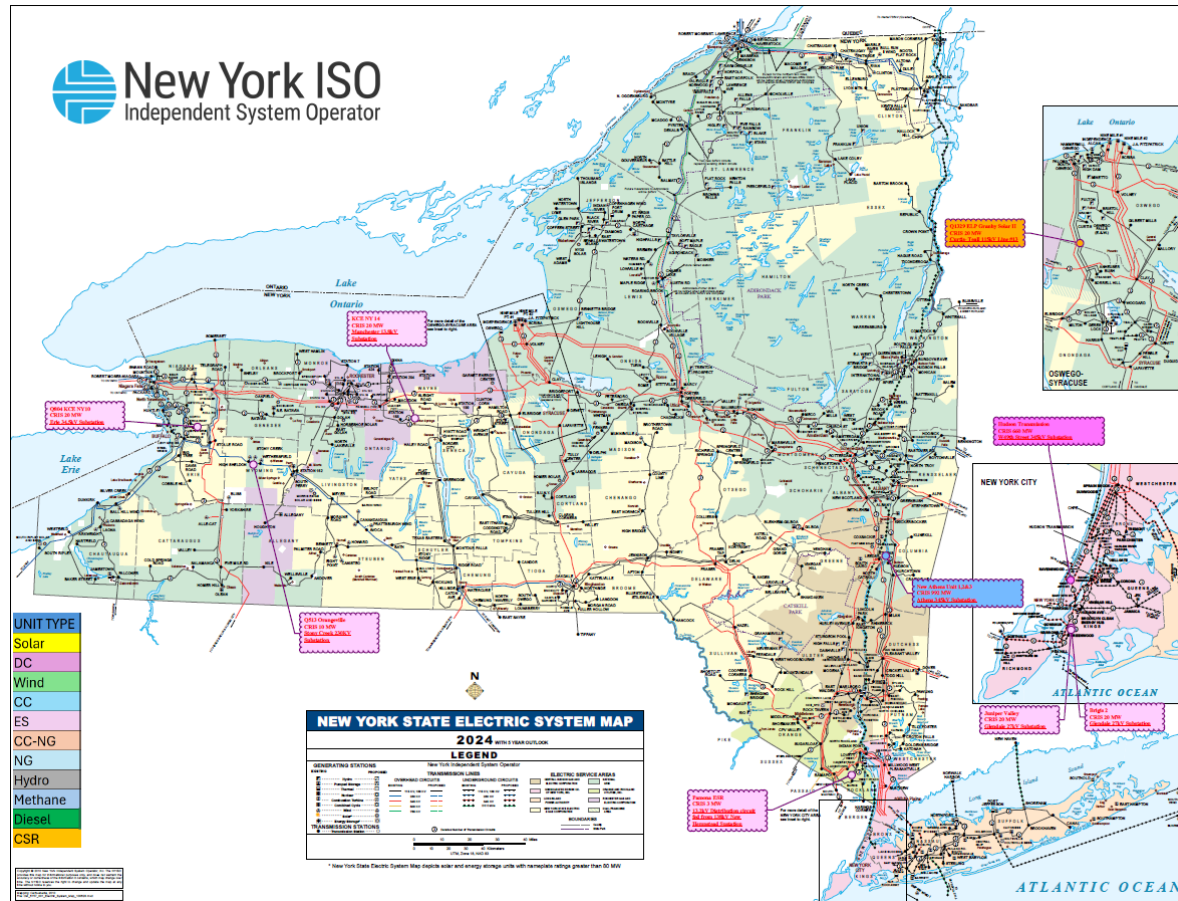
Projects in Expedited Deliverability Study 2024-01

Expedited Deliverability Study 2024-01 Members

PROJECT	Point of Interconnection	Zone	Requested Summer CRIS MW	UNIT TYPE	CTO
Q513 Orangeville	Stony Creek 230 kV Substation	C	10	ES	NYSEG
Q804 KCE NY 10	Erie 34.5 kV Substation	A	20	ES	NYSEG
Q1329 ELP Granby Solar II	Curtis ST. - Teall 115 kV Line #13	C	20	CSR (Solar+ES)	NM-NG
Hudson Transmission	W49th St 345KV Substation	J	660	DC	ConEd
KCE NY 14, LLC	Manchester Substation – 13.8 kV	G	20	ES	CHGE
New Athens Unit 1, 2 & 3	Athens 345 kV substation	F	992 ¹	CC	NM-NG
Pomona ESR	O&R's 13.2kV distribution circuit, which is fed from 138kV New Hempstead Substation	G	3	ES	ORU
Brigis 2	Glendale Substation	J	20	ES	ConEd
Juniper Valley	Glendale 27 kV Substation	J	20	ES	ConEd

¹New Athens Units 1, 2, & 3 have existing SUM CRIS of 945 MW. The EDS 2024-01 Study evaluated CRIS addition of 47 MW for a total of 992 MW. New Athens Units 1, 2, & 3 have existing WIN CRIS of 1193.6 MW

Expedited Deliverability Study 2024-01 Members



Expedited Deliverability Study Procedures

Expedited Deliverability Study Procedures

■ Overview:

- The Expedited Deliverability Study (EDS) is a study to determine the extent to which an existing or proposed facility satisfies the NYISO Deliverability Interconnection Standard at its requested CRIS level without the need for System Deliverability Upgrades.
- Only a determination of deliverable MW
- If an EDS project is not fully deliverable and wants to request its full CRIS amount, it must go through a Class Year Study for the identification and cost allocation of System Deliverability Upgrades

Expedited Deliverability Study Procedures

■ Eligibility Requirements:

1. Developer must provide notice to the NYISO of its elect to enter the EDS by the EDS start date
2. If requesting CRIS in a Mitigated Capacity Zone, Developer must have satisfied the data submission requirements set forth in Section 23.4.5.7.3.6 of the NYISO Services Tariff and have such data submission deemed complete by the ISO by the EDS start date
3. Project must be in service or have completed one of the following, as applicable:
 - a Class Year Study for ERIS;
 - a System Impact Study under the Small Generator Interconnection Procedures; or
 - a utility interconnection study if the facility is not subject to the ISO interconnection procedures under Attachments X and Z

Expedited Deliverability Study Procedures

- All parties involved in performing study work shall use Reasonable Efforts to complete the study and present the EDS report to the Operating Committee to be presented to the NYISO Operating Committee for approval within 4 months from the date that the NYISO confirms receipt of all of the following:
 - the executed EDS Agreement
 - the \$30,000 EDS deposit
 - The required technical data

Expedited Deliverability Study Procedures

- **The tariff provides for a window within which an EDS report may not proceed to the Operating Committee**
 - between Operating Committee approval of a Class Year Study and commencement of the next Class Year Study
- **EDS Decision Period**
 - There is a single decision period for an EDS
 - Within 5 Business Days following approval of the EDS by the Operating Committee (“Expedited Deliverability Study Initial Decision Period”), each Developer in the EDS shall provide notice to the NYISO stating whether it accepts or rejects its Deliverable MW, if any, reported to it by the NYISO in the EDS report.

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- Failure to notify the NYISO by the prescribed deadline as to whether a Developer accepts or rejects its Deliverable MW, if any, will be deemed an EDS Non-Acceptance Notice.
- As soon as practicable following the end of the 5-Business Day EDS Initial Decision Period, the NYISO shall report to all Class Year Developers all of the decisions submitted by Developers in the EDS.

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- At the end of the EDS Initial Decision Period, if one or more of the Developers provides Non-Acceptance Notice such Developer(s) will be removed from the-EDS and the NYISO will issue updated study results for those remaining Developers in the EDS to reflect the impact of the projects withdrawn from the EDS.

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- The revised EDS report shall include updated Deliverable MW, if any, and shall be issued within 10 Business Days following the occurrence of an EDS Non-Acceptance Event. Each remaining Developer shall be deemed to have accepted its respective Deliverable MW identified in the revised EDS report (in other words, there will be no further decision periods in the EDS).

Expedited Deliverability Study 2024-01 Analyses

Expedited Deliverability Study 2024-01 Analyses

■ Deliverability Tests

- Highway Interface Transfer Capability “No-Harm” Test
- Highway Interface “Regular” Capacity Deliverability Assessment
- Other Interface Transfer Capability “No-Harm” test
- ROS & LHV Byways “Regular” Capacity Deliverability Assessment
- NYC Byways “Regular” Capacity Deliverability Assessment

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Analyses

- **Highway Interface Transfer Capability “No-Harm” and “Regular” Capacity Deliverability Tests**
 - West Central
 - Dysinger East
 - Volney East
 - Total East
 - UPNY-CONED
- **The Highway Interface “No-Harm” and Capacity Deliverability Assessment indicate that the EDS 2024-01 projects in the ROS and LHV pass the Highway “No-Harm” and “Regular” Capacity Deliverability tests**

Expedited Deliverability Study 2024-01 Analyses

- **Other Interface Transfer Capability “No-Harm”**
 - ROS to LHV (UPNY-SENY)
 - LHV to J
- **The Other Interface Transfer Capability “No-Harm” test indicates that all EDS 2024-01 projects pass the Other Interface “No-Harm” test.**

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Analyses

■ ROS & LHV Byways Test

- The ROS & LHV Byway tests indicate that the following projects pass the ROS byway test:
 - Q513 Orangeville
 - Q804 KCE NY 10
 - Q1329 ELP Granby Solar II
 - KCE NY 14, LLC
 - New Athens Unit 1, 2 & 3
 - Pomona ESR

Expedited Deliverability Study 2024-01 Analyses

- **EDS 2024–01 ROS & LHV Projects Conclusion**
 - Deliverable:
 - Q513 Orangeville
 - Q804 KCE NY 10
 - Q1329 ELP Granby Solar II
 - KCE NY 14, LLC
 - New Athens Unit 1, 2 & 3
 - Pomona ESR

Expedited Deliverability Study 2024-01

Analyses

■ NYC Byways Test

- The NYC Byway tests indicate that Hudson Transmission, Brigis 2, and Juniper Valley projects pass the NYC byway test.

■ EDS 2024-01 NYC Projects Conclusion

- Deliverable
 - Hudson Transmission
 - Brigis 2
 - Juniper Valley

Expedited Deliverability Study 2024-01

Project Deliverable MW

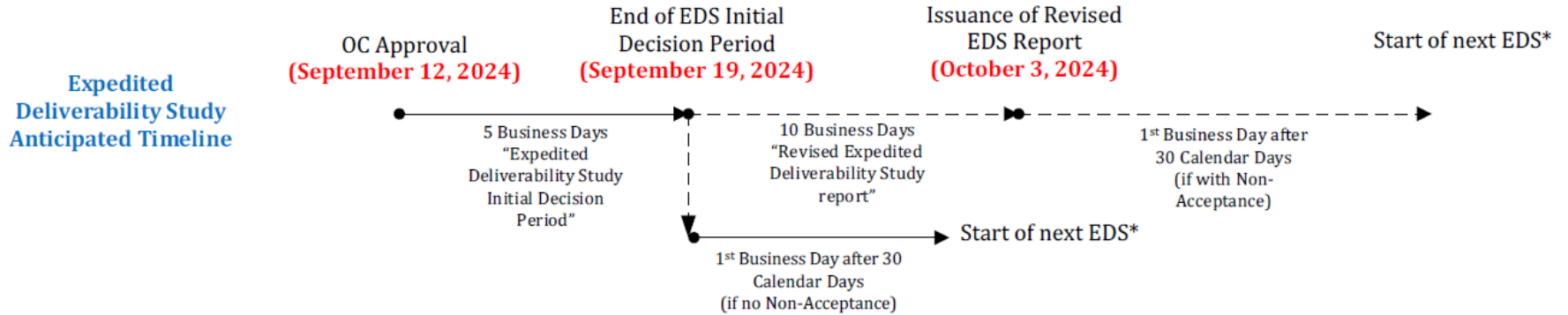
PROJECT	Point of Interconnection	Zone	Requested Summer CRIS MW	Summer Deliverable CRIS MW	Winter Calculated Deliverable CRIS MW
Q513 Orangeville	Stony Creek 230 kV Substation	C	10	10	10
Q804 KCE NY 10	Erie 34.5 kV Substation	A	20	20	20
Q1329 ELP Granby Solar II	Curtis ST. - Teall 115 kV Line #13	C	20	20	20
Hudson Transmission	W49th St 345KV Substation	J	660	660	660
KCE NY 14, LLC	Manchester Substation – 13.8 kV	G	20	20	20
New Athens Unit 1, 2 & 3	Athens 345 kV substation	F	992	992 ¹	1230 ¹
Pomona ESR	O&R's 13.2kV distribution circuit, which is fed from 138kV New Hempstead Substation	G	3	3	3
Brigis 2	Glendale Substation	J	20	20	20
Juniper Valley	Glendale 27 kV Substation	J	20	20	20

¹New Athens Units 1, 2, & 3 have existing SUM CRIS of 945 MW. The EDS 2024-01 Study evaluated CRIS addition of 47 MW for a total of 992 MW. New Athens Units 1, 2, & 3 have existing WIN CRIS of 1193.6 MW

Expedited Deliverability Study 2024-01 Next Steps

Expedited Deliverability Study

Next Steps



*Att. S 25.5.9.2.1 / Att. HH 40.19.1 Study Start Date, Entry Requirements and Schedule

-An expedited Deliverability Study may not commence during the period between the posting of the draft Class Year Study report for Operating Committee approval and commencement of the next Class Year Study

Our mission, in collaboration with our stakeholders, is to serve the public interest and provide benefit to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policymakers, stakeholders and investors in the power system



Questions?