

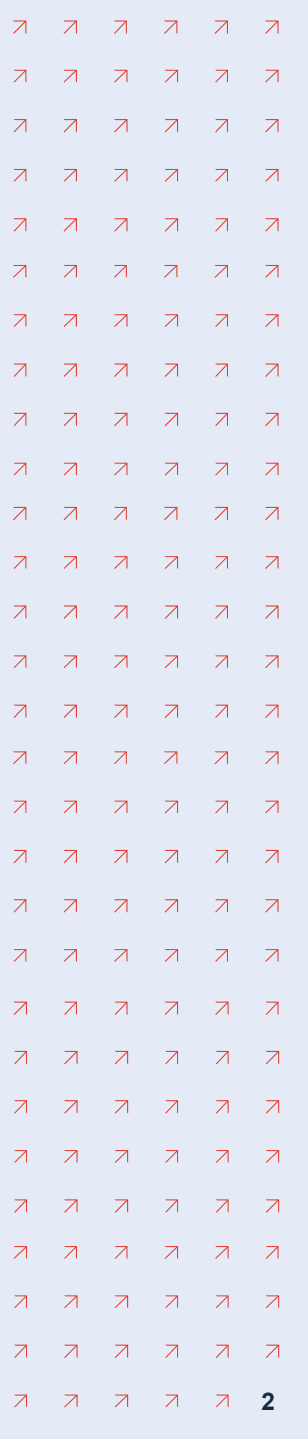


LOCAL TRANSMISSION PLAN – INTERIM UPDATE

Presentation to NYISO / Interested Parties October 21, 2024
Transmission Planning

PSEG-LI Definition of a “Firm” Project

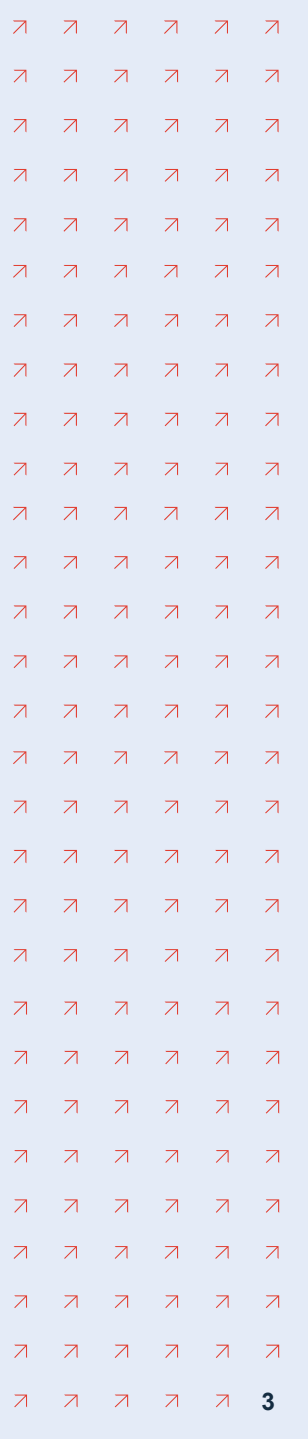
- In general, for a project to be considered “**Firm**” it must meet the following criteria:
 - Full **budget** approval through internal review
 - Preconstruction external **outreach** completed, stakeholder feedback obtained and addressed (if necessary)
 - Project Management has a defined **scheduled** start and completion date that is within the current or next year’s cycle
 - Operating Committee **approved** System Impact Study (SIS) if applicable
 - For projects subject to **Article VII**, have a determination from NYPSC that Article VII application is in **compliance**
- Any project that does not meet the above criteria will be considered “Non-Firm”, unless the project(s) is part of a Public Policy Transmission Need solicitation, and is designated as “Firm” by the NYISO



Projects Being Considered

The following slides summarize projects that are currently under consideration as part of the on-going planning process.

These non-firm projects are continually being reviewed and considered. As such, the need, timing of, and/or the actual project recommendation may change.



Summary of Projects – 100kV & above

Non-Firm Transmission Projects - 100 kV and Above

Shore Road Substation - Install 138kV 80MVAR Reactor
Brookhaven to Riverhead 138kV Conversion
Southampton and Deerfield New 138kV Circuit
Deerfield and Bridgehampton New 138kV Circuit
New 138kV Wainscott Substation

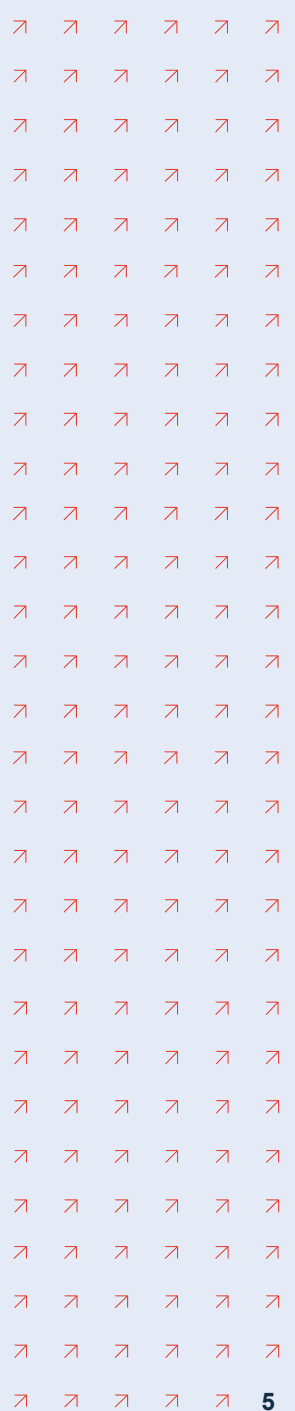
Proposed In-Service Date

Dec 2026
June 2030
June 2027
June 2032
June 2033



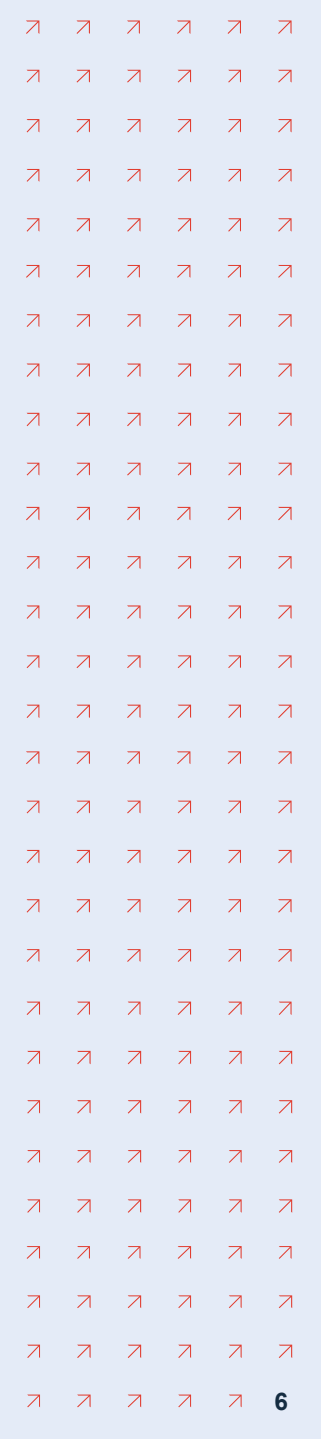
LIPA Long Term Plan (LTP) - Projects Being Considered

Load Pocket	Project	Summary of Changes	Project Driver	Firm Status	SIS	Article VII	Proposed In-Service Date
Far Rockaway	Far Rockaway Bank #5 Upgrade	Replace 69/34.5kV transformer with a 40MVA Nameplate Unit	Reliability needs	Non-Firm	N/A	N/A	June 2029
	Far Rockaway Bank #6 Upgrade	Replace 69/34.5kV transformer with a 40MVA Nameplate Unit	Reliability needs	Non-Firm	N/A	N/A	June 2029
Barrett	Malverne to West Hempstead (69-353) 69 kV Circuit Upgrade	Upgrade the overhead circuit between Malverne and West Hempstead	Reliability needs	Non-Firm	N/A	N/A	June 2033
West Glenwood	Shore Road Substation - Install 138kV 80MVAR Reactor	Installation of a single 138kV 80MVAR reactor and breaker at Shore Road	Reliability needs	Non-Firm	Review Pending	N/A	Dec 2026
North East Nassau	Newbridge Road to Meadowbrook (69-466) 69kV Circuit Upgrade	Upgrade the overhead circuit between Meadowbrook and Newbridge Road	Reliability needs	Non-Firm	N/A	N/A	June 2029
South West Suffolk	23kV Ocean Beach to Fire Island Pines Substation New Circuit	Install a new 23kV circuit between the Ocean Beach and Fire Island Pines Substation	Reliability needs	Non-Firm	N/A	N/A	June 2029



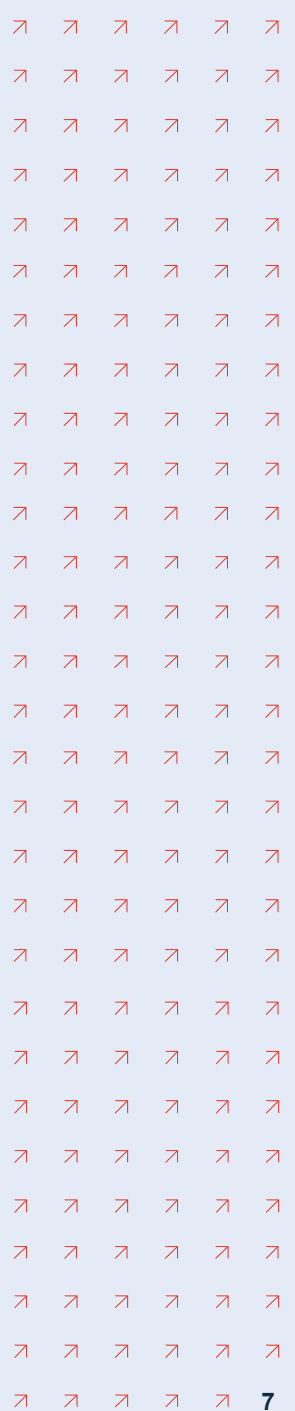
LIPA Long Term Plan (LTP) - Projects Being Considered (cont.)

Load Pocket	Project	Summary of Changes	Project Driver	Firm Status	SIS	Article VII	Proposed In-Service Date
West Brookhaven	Holbrook Bank #2-2A Upgrade	Replace the two existing 138/69kV transformers (2-2A) with a single 224 MVA Nameplate Unit	Other needs	Non-Firm	Review Pending	N/A	June 2027
	Brookhaven to Riverhead 138kV Conversion	Convert the existing 69kV overhead circuit between Brookhaven to Riverhead to 138kV operation	Reliability needs	Non-Firm	Review Pending	Certified	June 2030
East Brookhaven	Install Series Reactor at Moriches 69KV	Install 2 Ohm Reactor	Reliability needs	Non-Firm	N/A	N/A	June 2027
	Riverhead Bank #7	Replace 138/69kV transformer with a 224 MVA Nameplate Unit	Other needs	Non-Firm	Review Pending	N/A	June 2029
	Riverhead Bank #8	Replace 138/69kV transformer with a 224 MVA Nameplate Unit	Other needs	Non-Firm	Review Pending	N/A	June 2029



LIPA Long Term Plan (LTP) - Projects Being Considered (cont.)

Load Pocket	Project	Summary of Changes	Project Driver	Firm Status	SIS	Article VII	Proposed In-Service Date
South Fork	New 69kV circuit between Bridgehampton and Buell substations	Install a 69kV circuit between Bridgehampton and Buell substations	Reliability needs	Firm	N/A	N/A	June 2025
	Reconfigure 69kV circuits between Canal and Deerfield substations	Parallel two OH 69kV transmission circuits between the Canal and Deerfield substations	Reliability needs	Non-Firm	N/A	N/A	June 2027
	New 69kV circuit (138kV construction) Between Southampton and Deerfield substations	Install a new 138kV circuit to be operated at 69kV between the Southampton and Deerfield substations	Reliability needs	Non-Firm	N/A	Pending	June 2027
	New 69kV circuit (138kV construction) Between Deerfield and Bridgehampton substations	Install a new 138kV circuit to be operated at 69kV between the Deerfield and Bridgehampton substations	Reliability needs	Non-Firm	Review Pending	Pending	June 2032
	New 138kV Wainscott Substation	New Wainscott substation with 138kV Transmission Supply from Edwards Ave	Reliability needs	Non-Firm	Review Pending	N/A	June 2033





 Thank
you

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