

Local Transmission Plan

December 2025



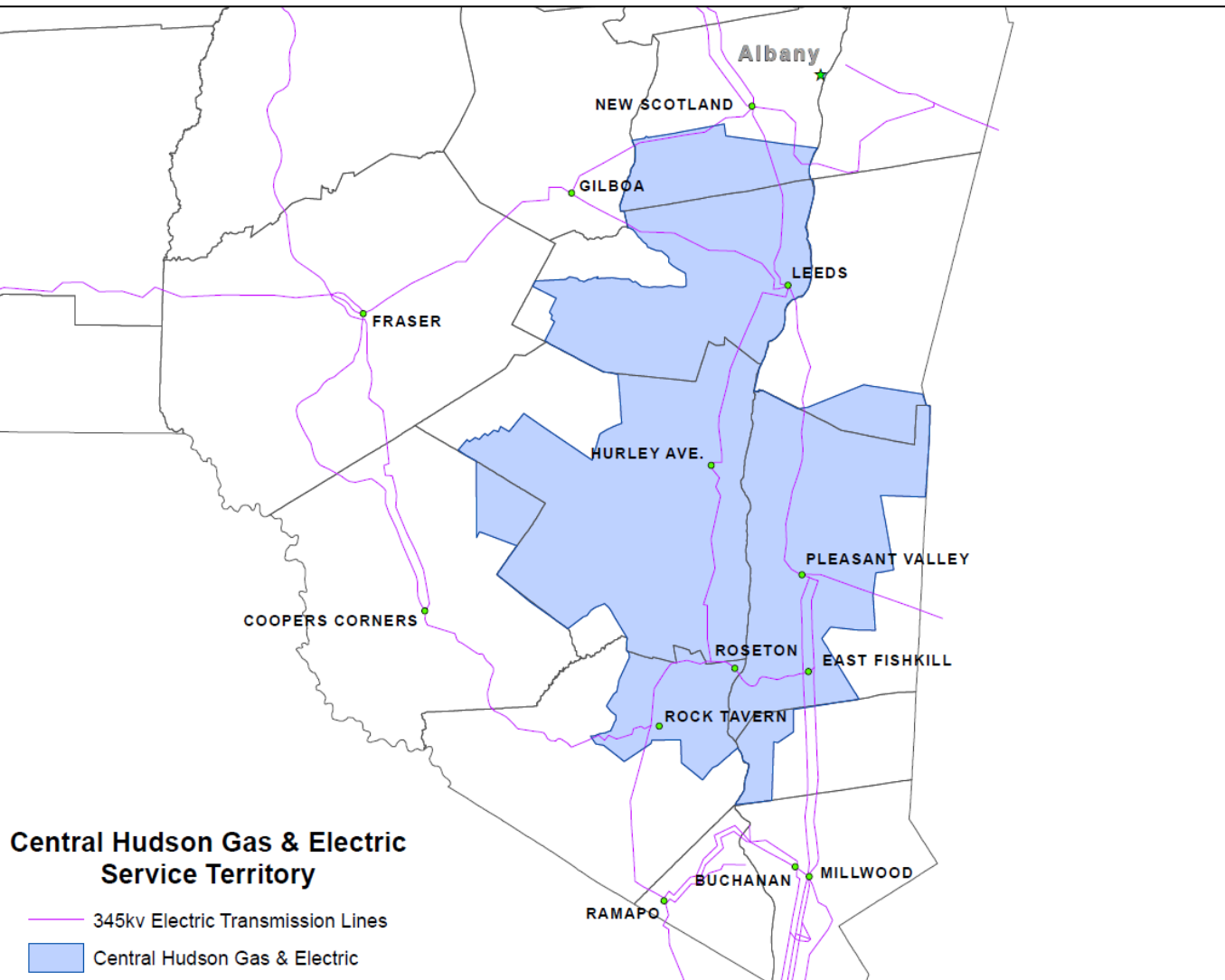
Central Hudson's Service Territory

Own & operate approximately 579 miles of 69 kV, 115 kV & 345 kV transmission lines and three 345 kV substations

Serving ~315,000 electric customers

Zone G: Majority of Central Hudson's load

Zone E: One small distribution substation



Historic Peak Loads

Summer Peak Loads				Winter Peak Loads			
Year	NYCA	Zone G	CHG&E+	Year	NYCA	Zone G	CHG&E+
2014	29,782	2,036	1,060	2014-15	24,648	1,556	874
2015	31,139	2,151	1,059	2015-16	23,319	1,496	863
2016	32,075	2,123	1,088	2016-17	24,164	1,549	862
2017	29,699	2,063	1,034	2017-18	25,081	1,638	904
2018	31,861	2,190	1,114	2018-19	24,727	1,618	900
2019	30,397	2,180	1,109	2019-20	23,253	1,468	829
2020	30,660	2,177	1,142	2020-21	22,542	1,481	848
2021	30,919	2,236	1,148	2021-22	23,237	1,506	896
2022	30,505	2,133	1,109	2022-23	23,369	1,580	878
2023	30,206	2,017	1,046	2023-24	22,754	1,528	868
2024	28,990	2,081	1,103	2024-25	23,521	1,646	927

+ CHG&E Loads not coincident with other NYCA loads

Forecast Peak Loads

Summer Forecast

Year	NYCA*	Zone G*	CHG&E+
2026	31,990	2,304	1,088
2027	32,280	2,331	1,094
2028	32,410	2,344	1,101
2029	32,620	2,346	1,111
2030	32,910	2,347	1,123

* From 2025 “Gold Book”
Table I-3a

+ CHG&E 50/50 Forecast
(includes impact of energy
efficiency and DERs)

Facilities Covered by Central Hudson's Local Transmission Plan

- Central Hudson's Local Transmission Plan is intended to provide safe & reliable service to the load within our franchise area.
- This plan does not address state-wide issues such as intra-state and inter-state transfer limits.
- This plan does not address “in-kind” equipment replacements.

Facilities Covered by Central Hudson's Local Transmission Plan

- **Transmission Lines**
 - 115 kV
 - 69 kV
- **Transmission System Transformers**
 - 345/115 kV
 - 115/69 kV
- **Substation Facilities**
 - 345 kV
 - 115 kV
 - 69 kV

Planning Horizon

Annual planning process:

Five-year corporate capital forecast

- generally “firm” projects
- budgetary cost estimates
- estimated in service date

Issues Addressed

- Infrastructure Condition: Central Hudson Transmission System Infrastructure facility inspection reports, condition assessments and diagnostic test data
- Compliance Requirements: NESC, NERC, etc.
- Reactive Support: Maintain sufficient reactive support for local needs

Issues Addressed

- Central Hudson's System Load Serving Capability
 - Consideration of through-flows
 - Consideration of proposed interconnections
- Central Hudson's Local Area Load Serving Capabilities
 - Northwest 115/69 kV Area
 - Westerlo 69 kV Area
 - Southwest 69 kV
 - Southern Dutchess 115 kV
 - Mid Dutchess 115 kV
 - Ellenville 115/69 kV Area
 - Newburgh 115 kV Area
 - Eastern Dutchess 69 kV
 - Kingston – Milan 115 kV Area

Projects

Firm Projects

Project	Area	County	Issue	Status	SIS	Permitting	In Service Date
Retire 115 kV SD/SJ Sugarloaf – NJ lines	n/a	Orange	Condition Assessment of Structures and Conductor	In Planning	n/a	Local permit may be required	December 2026
Retirement of Coxsackie Combustion Turbine	Westerlo 69 kV	Greene	DEC Peaker Rule	In Design	n/a	Local permit may be required	May 2026
Installation of STATCOM and cap bank at New Baltimore Substation	Westerlo 69 kV	Greene	Post Contingency Voltage Support	In Construction	n/a	Local permit may be required	March 2026
Installation of STATCOM and cap bank at South Cairo Substation	Westerlo 69 kV	Greene	Post Contingency Voltage Support	In Design	n/a	Local permit may be required	April 2026

Firm Projects

Project	Area	County	Issue	Status	SIS	Permitting	In Service Date
Convert Sturgeon Pool – High Falls - Kerhonkson line from 69 kV to 115 kV	Ellenville 115/69 kV	Ulster	Condition Assessment of Structures and Substation Equipment	Line Construction Largely Complete	n/a	Article VII Approved (may need minor change)	March 2026
Kerhonkson 115/69 kV Substation	Ellenville 115/69 kV	Ulster	A second 115/69 kV transformer is needed to keep remaining area at 69 kV	In Construction	n/a	Article VII Approved (minor change)	March 2026
Retire 69 kV GM Clinton Ave Tap	Ellenville 115/69 kV	Ulster	Condition Assessment of Structures	In Design	n/a	Local permit may be required	December 2027
Rebuild 69 kV Saugerties – North Catskill for 115 kV and operate at 69 kV	Northwest 115/69 kV	Ulster Greene	Condition Assessment of Structures	Construction	n/a	Article VII Approved	March 2026

Firm Projects

Project	Area	County	Issue	Status	SIS	Permitting	In Service Date
Rebuild 115 kV North Catskill – Churchtown (CHG&E Portion Only)	Northwest 115/69 kV	Greene	Condition Assessment of Structures	In Design	n/a	Part 102 Required; local permitting may be required	December 2029
Rebuild 69 kV HG Line from Honk Falls to Neversink	Ellenville 115/69 kV	Ulster Sullivan	Condition Assessment of Structures	In Design	n/a	Part 102 Required; local permitting may be required	June 2028
Rebuild 115 kV Spackenkill – Knapps Corners	Mid-Dutchess 115 kV	Dutchess	Condition Assessment of Structures	In Design	n/a	Part 102 Required; local permitting may be required	July 2027
Rebuild 69 kV Pleasant Valley – East Park – Staatsburg – Rhinebeck for 115 kV and operate at 69 kV	Eastern Dutchess 69 kV	Dutchess	Condition Assessment of Structures	In Design	n/a	Article VII Required	December 2031

Firm Projects

Project	Area	County	Issue	Status	SIS	Permitting	In Service Date
Rebuild 115 kV Pleasant Valley – Inwood Avenue	n/a	Dutchess	Condition Assessment of Structures	In Design	n/a	Article VII Required* *Will be permitted with the 69 kV Pleasant Valley – East Park – Staatsburg – Rhinebeck project	December 2031

CLCPA Area of Concern Project

Firm Project

Project	Area	County	Issue	Status	SIS	Permitting	In Service Date
Rebuild 69 kV North Catskill to Cossackie for 115 kV and operate at 69 kV	Westerlo 69 kV	Greene	Thermal overload due to proposed generation	In Design	n/a	Part 102 Required; local permitting may be required	June 2029

Project Additional Information

Project Name	Project Description	Status of Facilities Study	Interconnection Queue Number and Project Name	Status of Article VII	Status of Article VIII	Project listed in 2025 Gold Book	Project modeled in Model-on-Demand (MOD)	Project will be listed in 2026 Gold Book	Project will be modeled in Model-on-Demand (MOD) in 2026	Primary Equipment Owner	Other Equipment Owners (s)
Retire 115 kV SD/SJ Sugarloaf – NJ lines	Retire 115 kV SD & SJ lines from Sugarloaf-NJ State Line	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a
Retirement of Cocksackie Combustion Turbine	Retire CT at Cocksackie 13.8 kV bus	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a
Installation of STATCOM and cap bank at New Baltimore Substation	Install at 69 kV New Baltimore Bus	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a

Project Name	Project Description	Status of Facilities Study	Interconnection Queue Number and Project Name	Status of Article VII	Status of Article VIII	Project listed in 2025 Gold Book	Project modeled in Model-on-Demand (MOD)	Project will be listed in 2026 Gold Book	Project will be modeled in Model-on-Demand (MOD) in 2026	Primary Equipment Owner	Other Equipment Owners (s)
Installation of STATCOM and cap bank at South Cairo Substation	Install at 69 kV South Cairo Bus	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a
Convert Sturgeon Pool – High Falls - Kerhonkson line from 69 kV to 115 kV	Rebuild using 1-795 ACSR and operate at 115 kV	n/a	n/a	Article VII Approved (may need minor change)	n/a	Yes	Yes	Yes	Yes	CHGE	n/a
Kerhonkson 115/69 kV Substation	Install second 115/69 kV transformer at the Kerhonkson substation	n/a	n/a	Article VII Approved (minor change)	n/a	Yes	Yes	Yes	Yes	CHGE	n/a

Project Name	Project Description	Status of Facilities Study	Interconnection Queue Number and Project Name	Status of Article VII	Status of Article VIII	Project listed in 2025 Gold Book	Project modeled in Model-on-Demand (MOD)	Project will be listed in 2026 Gold Book	Project will be modeled in Model-on-Demand (MOD) in 2026	Primary Equipment Owner	Other Equipment Owners (s)
Retire 69 kV GM Clinton Ave Tap	Retire 69 kV GM tap and Clinton Ave substation	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a
Rebuild 69 kV Saugerties – North Catskill for 115 kV and operate at 69 kV	Rebuild using 1-795 ACSR and operate at 69 kV	n/a	n/a	Article VII Approved	n/a	Yes	Yes	Yes	Yes	CHGE	n/a
Rebuild 115 kV North Catskill – Churchtown (CHG&E Portion Only)	Rebuild using 1431 ACSS Plover and operate at 115 kV	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a

Project Name	Project Description	Status of Facilities Study	Interconnection Queue Number and Project Name	Status of Article VII	Status of Article VIII	Project listed in 2025 Gold Book	Project modeled in Model-on-Demand (MOD)	Project will be listed in 2026 Gold Book	Project will be modeled in Model-on-Demand (MOD) in 2026	Primary Equipment Owner	Other Equipment Owners (s)
Rebuild 69 kV HG Line from Honk Falls to Neversink	Rebuild using 556 ACSS and operate at 69 kV	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a
Rebuild 115 kV Spackenkill – Knapps Corners	Rebuild using 1-1033 ACSR and operate at 115 kV	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a
Rebuild 69 kV Pleasant Valley – East Park – Staatsburg – Rhinebeck for 115 kV and operate at 69 kV	Rebuild using 795 ACSS 26/7 and operate at 69 kV	n/a	n/a	n/a	Article VIII Required	Yes	Yes	Yes	Yes	CHGE	n/a

Project Name	Project Description	Status of Facilities Study	Interconnection Queue Number and Project Name	Status of Article VII	Status of Article VIII	Project listed in 2025 Gold Book	Project modeled in Model-on-Demand (MOD)	Project will be listed in 2026 Gold Book	Project will be modeled in Model-on-Demand (MOD) in 2026	Primary Equipment Owner	Other Equipment Owners (s)
Rebuild 115 kV Pleasant Valley – Inwood Avenue	Rebuild using 795 ACSS 26/7 and operate at 115 kV	n/a	n/a	n/a	Article VIII Required* *Will be permitted with the 69 kV Pleasant Valley – East Park – Staatsburg – Rhinebeck project	No	Yes	Yes	Yes	CHGE	n/a
Rebuild 69 kV North Catskill to Coxsackie for 115 kV and operate at 69 kV	Rebuild using 1033 ACSS and operate at 69 kV	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	CHGE	n/a

Comments

Interested parties should forward any comments to:

Ruby Chan
Section Engineer
Transmission_planning@cenhud.com

Central Hudson Gas & Electric Corporation
Electric Transmission Planning
284 South Avenue
Poughkeepsie, NY 12601