

KATHY HOCHUL Governor JOHN R. KOELMEL Chairman JUSTIN E. DRISCOLL
President and Chief Executive Officer

January 18, 2024

Honorable Michelle Phillips, Secretary NYS Public Service Commission Empire State Plaza Agency Building 3 Albany, NY 12223-1350

Honorable Phillips:

Enclosed is NYPA's ROW Treatment Annual Work Plan. NYPA's Right-of-Way vegetation maintenance scheduled for 2024 is identified as Management Group D. This 2024 schedule is broken down by line and line segments, voltage class and mileage for each segment. This work should commence mid-January 2024 and continue thru December 2024.

Enclosed you will also find a copy of NYPA's ROW Vegetation Management 4 Year Cycle Flowchart. This goes in conjunction with the Annual Work Plan and should assist in understanding NYPA's four-year treatment program.

Should you have any questions, please contact me at (315) 792-8311 or at lewis.payne@nypa.gov.

Sincerely,

Lewis Payne

ROW/Environmental Manager

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Enclosures

c: Matt Smith – PSC Michael Fuchs - NYPA

Appendix A: NYPA Overhead Transmission Facilities NYPA ROW TREATMENT ANNUAL WORK PLAN 2024

Management Group	Vegetation Maintenance Line Designation			Overhead Tranmission Facilities			Element	Wire	Vegetation Maintenance		
	Line	Circuit Name				Voltage	of	Security	Length	Circuits	Width
		From:	То:	Line	Designation	_	IROL	Zone *	(miles)		(feet)
A	NATL	Niagara	Station 255 (Henrietta)	NATL Niagara-Station 255	NH2	345	yes	15	69.75	1	150.00
	NATL	Niagara	Dysinger Tap	NATL Niagara-Somerset	NS1	345	yes	15	24.86	1	150.00
	NATL	Dysinger Tap	Station 255 (Henrietta)	NATL Somerset-Station 255	SH1-39	345	yes	15	44.89	1	150.00
	NATL	Station 255 (Henrietta)	Station 80 (Rochester)	NATL Somerset-Station 255	HR1,2	345	no	15	1.28	2	300.00
	NATL	Rochester	Pannell	NATL Rochester-Pannell Rd	RP 1,2	345	yes	15	15.37	2	300.00
	NATL	Pannell	Clay	NATL Pannel Rd- Clay	PC 1,2	345	yes	15	63.15	2	300.00
	PA	PA 27 Niagara	National Grid Tap	PA 27	PA 27	230	yes	10	3.70	1	100.00
	PA	PA 301,302 Niagara	Intnl Boundary	PA 301, 302	PA 301, 302	345	yes	15	0.15	2	300.00
	GNS	Blenheim-Gilboa	New Scotland	Gilboa-New Scotland	GNS 1	345	no	15	31.82	1	400.00
	MWP**	Moses-St. Lawrence	Willis #2	Moses-Willis	MW 2	230	yes	10	37.32	1	100.00
	MWP**	Willis #2	Ryan #2	Willis-Ryan	WRY2	230	no	10	6.56	1	100.00
	MWP**	Ryan #2	Plattsburgh #2	Ryan-Plattsburgh	RYP2	230	no	10	27.26	1	100.00
	MWP**	Moses-St. Lawrence	Willis #1	Moses-Willis	MW1	230	yes	10	37.00	1	125.00
	MWP**	Willis #1	Patnode #1	Willis-Patnode	WPN1	230	no	10	8.73	1	125.00
	MWP**	Patnode #1	Duley #1	Patnode-Duley	PND1	230	no	10	16.50	1	125.00
	MWP**	Duley #1	Plattsburgh #1	Duley-Plattsburgh	DP1	230	no	10	8.83	1	125.00
С	NATL	Clay	Edic	NATL Clay-Edic	CE 1,2	345	yes	15	50.10	2	300.00
		Massena	Marcy	765 Massena-Utica	MSU 1	765	yes	25	134.01	1	250.00
	-	Blenheim-Gilboa	Fraser	Gilboa-Fraser	GF 5	345	yes	15	33.97	1	400.00
	Marcy South	Edic ***	Fraser (to 13/5)	MS Edic-Fraser	EF24-40/351	345/230	no	15	13.00	1	150.00
	Marcy South	Utica ***	Coopers Corners (to 13/5)	MS Utica-Coopers Corners	UCC2-41/352	345/230	no	15	14.22	1	150.00
	Marcy South	Edic & Utica (13/5)	Fraser	MS Edic-Fraser & Utica-Coopers Corners (13/5 to Fraser)	EF24/UCC2	345	no	15	76.30	2	150.00
	Marcy South	Utica (from Fraser)	Coopers Corners	MS Utica-Coopers Corners (Fraser to Coopers Corners)	UCC2-41	345	no	15	59.00	1	150.00
	Marcy South	Coopers Corners	Rock Tavern	MS Coopers Corners_Rock Tavern	CCRT 34,CCDA-42,DART-44	345	yes	15	46.12	3	150.00
	Marcy South	Roseton	East Fishkill	MS Roseton-East Fishkill	RFK 305	345	yes	15	7.42	1	160.00
	UE-1	Utica	Edic	Marcy-Edic	UE1-7	345	yes	15	1.40	1	150.00
		Massena	Intnl Boundary	765 Massena-Chateaugay	MSC 7040	765	yes	25	21.04	1	250.00
		Plattsburgh	Vermont State Line	Plattsburgh-Vermont	PV 20	115	yes	8	7.43	1	75.00
	PS	Plattsburgh	Saranac	Plattsburgh-Saranac	PS 1	115	no	8	8.40	1	100.00
		Moses-St. Lawrence	Intnl Boundary	Moses-Ontario-Hydro	L33P/L34P	230	yes	10	2.01	2	250.00
		Moses-St. Lawrence	NYPA Tower D5	Moses-Alcoa	MAL 4, 5, 6	115	no	8	1.97	3	100.00
	MRG**	Moses-St. Lawrence	Reynolds/General Motors	Moses-Reynolds-General Motors (GM)	MRG 1,2/ MR 3	115	no	8	5.54	3	300.00
	MMS**	Massena	Moses-St. Lawrence	Moses-Massena	MMS 1,2	230	yes	10	8.17	2	125.00
D	GL	Blenheim-Gilboa	Leeds	Gilboa-Leeds	GL 3	345	no	15	36.83	1	250.00
	FE-1	Fitzpatrick	Edic	FitzPatrick-Edic	FE 1	345	yes	15	70.17	1	150.00
		Fitzpatrick	Scriba	FitzPatrick-Scriba	FS 10	345	yes	15	0.99	1	150.00
	CEEC****	Edic	Princetown	Edic-Princetown (NYPA)	EP351/EP352	345	yes	15	53.88/54.09	2	varies
	MA**	Moses-St. Lawrence	Adirondack	Moses-Adirondack	MA 1,2	230	yes	10	85.99	2	250.00

NOTE: NYPA's Treatment cycle is based on a four-year treatment program. Management Group A begins year one of the treatment cycle in 2021.

^{*} The Wire Security Zone is in compliance with the 'Clearance 1' clearances between vegetation and overhead conductors as per the FAC-003-1 requirement or the Minimum Vegetation Clearance Distances as per the FAC-003-4 requirement.

^{**} These lines pass through a general area known as the "Joint Corridor" which runs from STL Robert Moses Switchyard across the South (Long Sault Spillway) Channel, across the Wiley-Dondero Shipping Canal, and in to the area known as "Dodge's Field" which is located between the aforementioned shipping canal and the Massena Center Road. All lines in this area are treated as one ROW in Year 3 only.

^{***} These lines are arranged in a single tower, double circuit configuration with National Grid for the first 14 miles, beginning at Edic substation for the EF24 line and at tower 1/1 for the UCC2 line to tower 13/5.

They then combine in a single tower, double circuit configuration with each other from that point south. National Grid is responsible for the Vegetation Management for the first 7 line miles in this corridor. See writen agreement in NYPA's Systemwide Long-range Transmission Right-of-Way Vegetation Management Plan. The segment of the UCC2 line from the Utica substation to tower 1/1 is treated in conjunction with the UE-1 line in management group D.

^{****}Length starts at last Marcy South Structure

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Systemwide Long-Range Transmission Right-of-Way Vegetation Management Plan: ROW Vegetation Management 4 Year Cycle Flowchart

Year 2 Year 1 Year 3 Year 4 **Follow-up Inspection: Monitor: Vegetation Maintenance: Vegetation Inventory:** No vegetation maintenance is planned for this year. Just monitor to ensure no vegetation conditions exist. Each work day the Vegetation Inventory - collected by NYPA At the end of each year, the Manager -The four (4) year cycle begins anew In the year following vegetation Vegetation contractor's foreman ROW/Environmental or Designee further defines, Inventory Contractor in or about July of the with the Vegetation Inventory completes the "ROW Vegetation maintenance treatment by the then devises a work plan for the coming year year. Data collected includes Density, Management Actual Treatment Data in the contractor, a smaller contractor based upon the "NYPA ROW Treatment Annual height, type of vegetation, Land use type, GIS Collector application follow-upcrew will survey and Work Plan' * Please Note: All lines are patrolled perform "follow-up" treatments cover types, pollinator scorecard annually with two (2) aerial patrols to ensure compliance with andone (1) foot patrol. (15) NYPA guarantee as stated in The ROW/Environmental Manager the contract. NYPA Manager - ROW/Environmental or makes periodic visits to the Regional Designee assembles the pre-requisites to start Inventory contractor collects data in Staff Forester and Contractor Foreman to work. This includes permits, Regulatory Geographic Information System (GIS). ensure work is being done in accordance Follow-up work is usually completed by Notifications, Crew definitions, vegetation Contractor assigns "Site ID#s" based upon with the Long-Range Vegetation the first week of September Documentation Legend contractor work package, GIS platform and Management Plan. Manager field findings (polygons) and developed maps (5), (6) ROW/Environmental reviews with a unique numbering system performance, schedules and resolves any (1) NYPA's Systemwide Long-Range issues, or concerns at this time Regional Staff Forester verifies follow-up Transmission Vegetation Management Plan NYPA Regional Staff Forester Notifies work is completed and all sites meet affected landowners via notification letter (2) Vegetation Inventory captured in GIS Inventory contractor develops contract requirements in GIS Collector and herbicide labels and address their (3) GIS Manager work completes checklist recommendation of treatment(s) to be application The Regional Staff Forester reviews the concerns. (4) NYPA ROW Treatment Annual Work Plan performed on a site based upon those listed Contractor's work resolves any - Appendix A in the Systemwide Long Range Vegetation discrepancies between work and (5) Transmission Vegetation Maintenance plan/schedule and also enters the completed Management Plan and records A completion letter is sent by contractor Package List work into the NYPA GIS Collector application The Regional Staff Forester assigns recommendations in GIS (1) once the "follow up" work is verified (10)(6) Treatment Maps – GIS ESRI Platform work to the vegetation contractor and completed the 10% of the billing (7) Notification Letter – Herbicide labels on (usually to begin in the second quarter) held back from the Vegetation Maintenance Billing is released (8) Start-up Meeting Notes/Form Inventory contractor conducts QA/QC Manager - ROW/Environmental receives (14)(9) ROW Vegetation Management Actual audit/sampling of work completed by the monthly billing along with detailed Regional Staff Forester schedules start-up Treatment Data in GIS Collector spreadsheet which indicates work done by field crews as quality control measure meeting with Contractor's Crew. During Site ID and GIS collector dash board update (i.e. about 10% sampling rate) meeting Regional Staff Forester checks of the work completed to date. (10) Vegetation Treatment entry verified by crew credentials and drivers' licenses or (11), (12)forester in GIS Collector application other photo identifications. Also reviews (11) Monthly Billing & Spreadsheet schedule of lines to be worked upon, (12) GIS Collector dash board showing Work landowner concerns, herbicide labels, Inventory contractor compiles data into Completed Regulatory Permits, Protection/grounding, (13) Follow-up verification in GIS Collector electronic GIS map format TVMP, Species Identification and Safety, Manager - ROW/Environmental matches billing spill prevention, application procedures and application with spreadsheet and verifies contractor billing to Invasive Species transport prevention, field (14) Retainage Invoice and completion letter NYPA Accounting to authorize Payment. 10% of and classroom unit billing amount "held back" for one year to (15) Annual Patrol Checklist enforce 100% control in wire zone, 95% control Inventory Contractor works with GIS in the rest of the ROW guarantee under terms of Manager to transfer electronic map into NYPA'S GIS System (usually in Vegetation contractor performs work as December). NYPA GIS Analyst loads prescribed in the maps. If changes third party engineering contractor data required due to local conditions, changes into NYPA's GIS System(2), (3) made after consultation between Regional into Management Groups, Each Staff Forester and/or Manager representing 25% or ¼ of NYPA's ROW/Environmental Year Of Cycle ** Lines* Transmission System 2 3 4

Recommended Treatments

Actual Treatments

NYPA's Geographic Information System (GIS)

Treatment Sites

Vegetation Inventory

Environmental Issues

Easements