

Transmission Charges

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Rensselaer

Module objectives

At the conclusion of this module, participants will be able to:

- Name the two types of transmission charges and distinguish between the two
- Identify who is responsible for billing the transmission charges

Transmission Charges

- From the LBMP module you learned about the cost of Energy, Loss and Congestion
 - Market-based rate

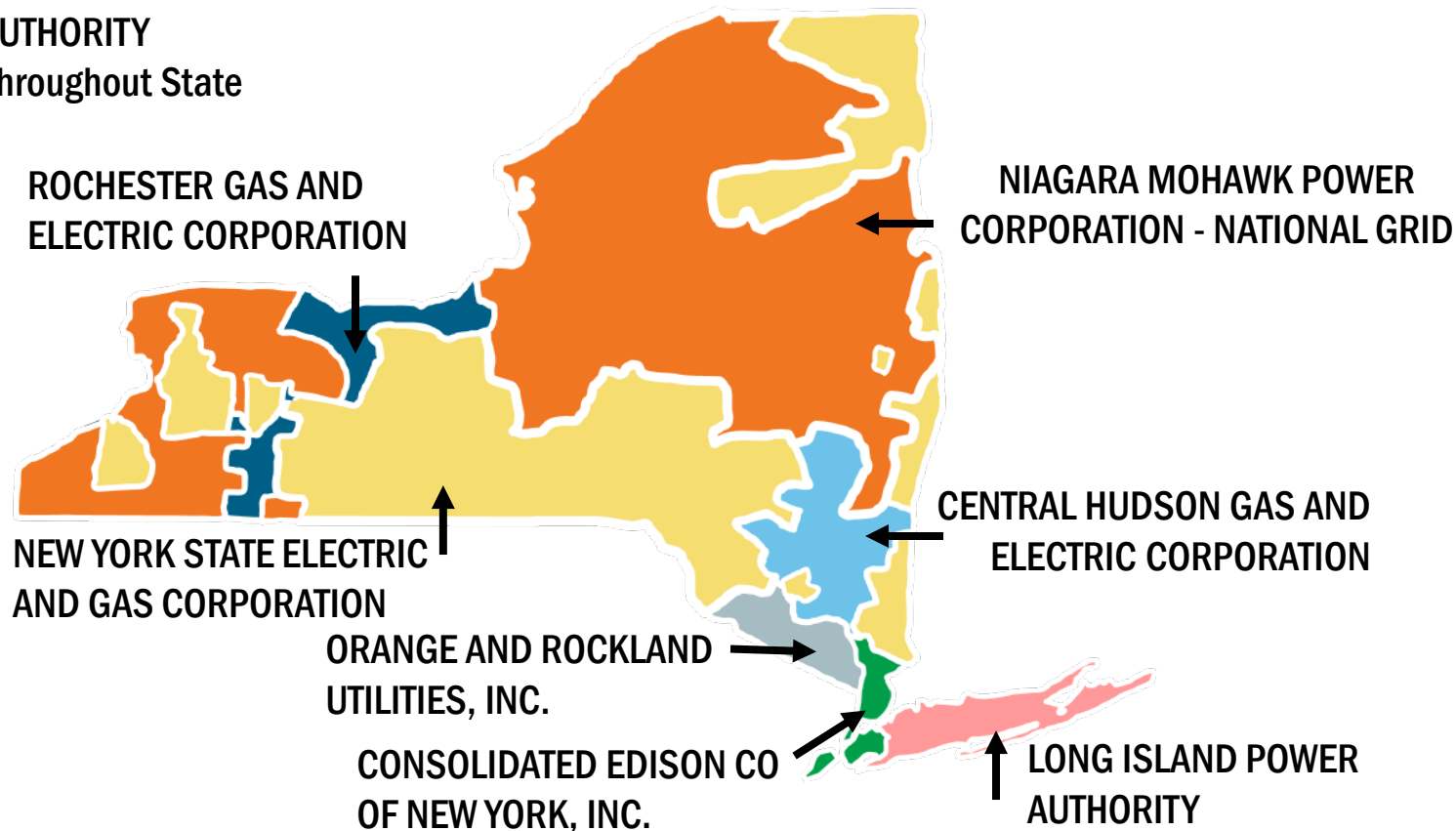
- Additional charges associated with maintaining and operating the transmission lines that move the power from the Transmission Charge
 - Cost-based rate
 - Adjusted monthly

Transmission Charges

- Charges associated with maintaining and operating the Transmission lines
 - Transmission Service Charge (TSC)
 - NYPA Transmission Adjustment Charge (NTAC)

NYCA Transmission Owners

NEW YORK POWER AUTHORITY
Transmission Lines Throughout State



Transmission Service Charge (TSC)

- **Transmission Service Charge (TSC)**
 - Cost recovery of Transmission System embedded costs
 - Transmission Owner Specific
 - Billed directly by Transmission Owner

- **TSC Assessed to**
 - Internal Load
 - Specific transactions that involve withdrawing power from the NY grid

NYPA Transmission Adjustment Charge (NTAC)

- **NYPA Transmission Adjustment Charge (NTAC)**
 - Cost recovery of NYPA Transmission System revenue requirement
 - Embedded costs not recovered through TSC
 - Billed by NYISO on behalf of NYPA

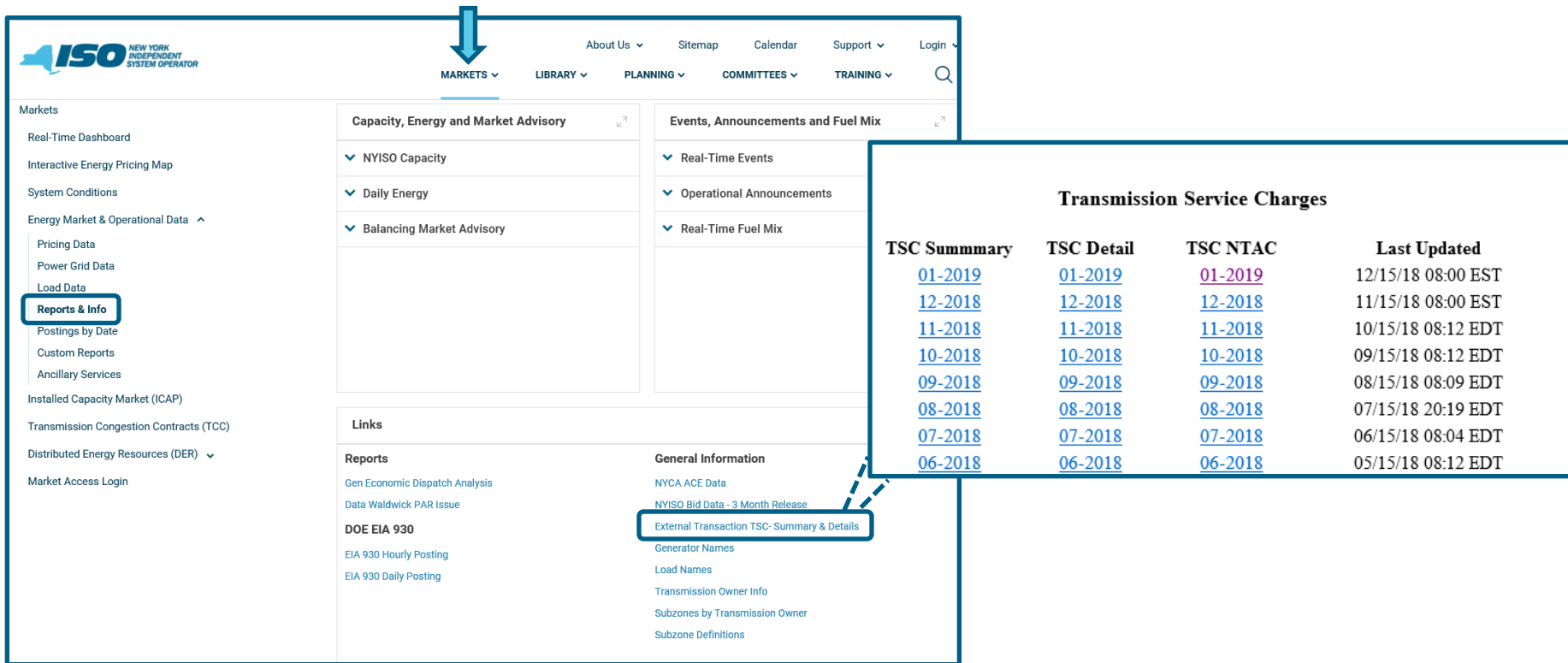
- **NTAC Assessed to**
 - Internal Load
 - Specific transactions that involve withdrawing power from the NY grid

Transmission Charges

NYISO Website Information

Transmission Charges Rates Monthly

Rate Information



The screenshot shows the NYISO website interface. A blue arrow points to the 'MARKETS' dropdown menu in the top navigation bar. The 'MARKETS' menu is expanded, showing a sidebar with 'Reports & Info' highlighted and a main content area with three sections: 'Capacity, Energy and Market Advisory', 'Events, Announcements and Fuel Mix', and 'Links'. The 'Reports & Info' sidebar lists various reports, with 'Reports & Info' itself highlighted. The 'Events, Announcements and Fuel Mix' section lists 'Real-Time Events', 'Operational Announcements', and 'Real-Time Fuel Mix'. The 'Links' section lists 'Reports' and 'General Information'. The 'Reports' section includes 'Gen Economic Dispatch Analysis', 'Data Walidwick PAR Issue', 'DOE EIA 930', 'EIA 930 Hourly Posting', and 'EIA 930 Daily Posting'. The 'General Information' section includes 'NYCA ACE Data', 'NYISO Bid Data - 3 Month Release', 'External Transaction TSC - Summary & Details', 'Generator Names', 'Load Names', 'Transmission Owner Info', 'Subzones by Transmission Owner', and 'Subzone Definitions'. A blue box highlights the 'External Transaction TSC - Summary & Details' link. A separate table titled 'Transmission Service Charges' is shown to the right of the main content area.

Transmission Service Charges			
TSC Summary	TSC Detail	TSC NTAC	Last Updated
01-2019	01-2019	01-2019	12/15/18 08:00 EST
12-2018	12-2018	12-2018	11/15/18 08:00 EST
11-2018	11-2018	11-2018	10/15/18 08:12 EDT
10-2018	10-2018	10-2018	09/15/18 08:12 EDT
09-2018	09-2018	09-2018	08/15/18 08:09 EDT
08-2018	08-2018	08-2018	07/15/18 20:19 EDT
07-2018	07-2018	07-2018	06/15/18 08:04 EDT
06-2018	06-2018	06-2018	05/15/18 08:12 EDT

TSC/NTAC Rate Information for an Example Month

TRANSMISSION SERVICE CHARGE (TSC) RATES AND NTAC FOR THE MONTH OF: 01/2019

		SCHEDULED POINT OF WITHDRAWAL				
		NYCA	HQ LOAD CHATGUAU	NE LOAD SANDY POND	OH LOAD BRUCE	PJM LOAD KEYSTONE
Central Hudson Gas and Electr	UNDISCOUNTED	\$2.3696	NOT APPLICABLE	\$0.0000	NOT APPLICABLE	NOT APPLICABLE
	ONPEAK	\$2.3696	NOT APPLICABLE	\$0.0000	NOT APPLICABLE	NOT APPLICABLE
	OFFPEAK	\$2.3696	NOT APPLICABLE	\$0.0000	NOT APPLICABLE	NOT APPLICABLE
Consolidated Edison of NY	UNDISCOUNTED	\$6.1600	NOT APPLICABLE	\$0.0000	\$6.1600	\$6.1600
	ONPEAK	\$6.1600	NOT APPLICABLE	\$0.0000	\$6.1600	\$6.1600
	OFFPEAK	\$6.1600	NOT APPLICABLE	\$0.0000	\$6.1600	\$6.1600
Long Island Power Authority	UNDISCOUNTED	\$5.3679	NOT APPLICABLE	\$0.0000	NOT APPLICABLE	NOT APPLICABLE
	ONPEAK	\$5.3679	NOT APPLICABLE	\$0.0000	NOT APPLICABLE	NOT APPLICABLE
	OFFPEAK	\$5.3679	NOT APPLICABLE	\$0.0000	NOT APPLICABLE	NOT APPLICABLE
New York State Electric & Gas	UNDISCOUNTED	\$2.2198	NOT APPLICABLE	NOT APPLICABLE	\$2.2198	\$2.2198
	ONPEAK	\$2.2198	NOT APPLICABLE	NOT APPLICABLE	\$2.2198	\$2.2198
	OFFPEAK	\$2.2198	NOT APPLICABLE	NOT APPLICABLE	\$2.2198	\$2.2198
Niagara Mohawk	UNDISCOUNTED	\$6.2164	NOT APPLICABLE	\$0.0000	\$6.2164	\$6.2164
	ONPEAK	\$6.2164	NOT APPLICABLE	\$0.0000	\$6.2164	\$6.2164
	OFFPEAK	\$6.2164	NOT APPLICABLE	\$0.0000	\$6.2164	\$6.2164
Orange and Rockland Utilities	UNDISCOUNTED	\$5.8300	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	\$5.8300
	ONPEAK	\$5.8300	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	\$5.8300
	OFFPEAK	\$5.8300	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	\$5.8300
Rochester Gas and Electric	UNDISCOUNTED	\$3.0771	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
	ONPEAK	\$3.0771	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
	OFFPEAK	\$3.0771	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
New York Power Authority	UNDISCOUNTED	NOT APPLICABLE	\$2.1900	\$0.0000	\$1.7800	\$1.7800
	ONPEAK	NOT APPLICABLE	\$2.1900	\$0.0000	\$1.7800	\$1.7800
	OFFPEAK	NOT APPLICABLE	\$2.1900	\$0.0000	\$1.7800	\$1.7800
	NTAC	\$0.5600	\$0.5600	\$0.0000	\$0.5600	\$0.5600

POSTING DATE

2018-12-15

Additional Resources

Tariffs – MST and OATT

Transmission Services Manual

**Technical Bulletin #39: Using Distribution Factor Tables to
Estimate Transmission Charges**