

## NYISO Fuel Entry Thresholds

*Effective Starting December 8, 2016*

Fuel Price Thresholds (RLS generator fuel burdened price basis)							
Fuel Group	RLS Fuel Type Name	fuel type ID #	Fuel Type Detailed Description	Real Time \$/mmBtu	Real Time %	Day Ahead \$/mmBtu	Day Ahead %
NG1	NG TRANSCO Z6NY	2	Argus North American Natural Gas: Transco Zone 6 NY	\$15.04	10%	\$15.04	10%
	NG ALGONQUIN	31	Argus North American Natural Gas: Algonquin Citygates	\$15.04	10%	\$15.04	10%
	NG TEXAS EAST M3	44	Argus North American Natural Gas: Texas Eastern Zone M3	\$15.04	10%	\$15.04	10%
	NG IROQUOIS Z2	52	Argus Natural Gas Americas: Iroquois Zone 2 day-ahead index	\$15.04	10%	\$15.04	10%
	NG TENNESSEE ZONE 6	54	Argus Natural Gas Americas: Natural gas hub TGP zone 6 day-ahead Index	\$15.04	10%	\$15.04	10%
	75 TRANSCO 25 IROQUS	50	Blend of 75 % NG TRANSCO Z6NY and 25% NG IROQUOIS	\$15.04	10%	\$15.04	10%
	50 TRANSCO 50 OIL #6	48	Blend of 50 % NG TRANSCO Z6NY and 50% OIL #6	\$15.04	10%	\$15.04	10%
	75 TRANSCO 25 OIL #6	46	Blend of 75 % NG TRANSCO Z6NY and 25% OIL #6	\$15.04	10%	\$15.04	10%
	80 TRANSCO 20 OIL #6	49	Blend of 80 % NG TRANSCO Z6NY and 20% OIL #6	\$15.04	10%	\$15.04	10%
NG2	NG DOMINION SP	37	Argus North American Natural Gas: Dominion South Point	\$1.38	10%	\$1.38	10%
	NG DOMINION NP	38	Argus North American Natural Gas: Dominion North Point	\$1.38	10%	\$1.38	10%
	NG NIAGARA	43	Argus North American Natural Gas: Niagara	\$1.38	10%	\$1.38	10%
	NG COLUMBIA	45	Argus North American Natural Gas: Col Gas Appalachia	\$1.38	10%	\$1.38	10%
	NG NIT/AECO	55	Argus Natural Gas Americas: Natural gas hub NIT/AECO day-ahead Index	\$1.38	10%	\$1.38	10%
	NG HENRY HUB	56	Argus Natural Gas Americas: Natural gas hub Henry Hub day-ahead Index	\$1.38	10%	\$1.38	10%
	NG TENN Z-4 200 LINE	57	Argus Natural Gas Americas: Natural gas hub TGP zone 4 200 Line day-ahead index	\$1.38	10%	\$1.38	10%
	NG DAWN ONTARIO USD	59	Argus Natural Gas Americas: Natural gas hub Dawn Ontario day-ahead Index	\$1.38	10%	\$1.38	10%
NG3	NG IROQUOIS	32	Argus North American Natural Gas: Iroquois Waddington	\$1.38	10%	\$1.38	10%
Oil1	OIL #6 PRICE INDEX	1	Argus US Products: Fuel oil No6 0.3% high-pour NYH	\$0.55	10%	\$0.55	10%
	75 OIL #6, 25 IROQUS	51	Blend of 75 % OIL #6 and 25% NG IROQUOIS	\$0.55	10%	\$0.55	10%
	25 TRANSCO 75 OIL #6	47	Blend of 25 % NG TRANSCO Z6NY and 75% OIL #6	\$0.55	10%	\$0.55	10%
Oil2	AVG FUEL OIL #2	4	Argus US Products: Heating Oil 2000ppm NYH delivered	\$0.75	10%	\$0.75	10%
	AVG KEROSENE	3	Argus US Products: Jet/kerosene 55NYH cargo	\$0.75	10%	\$0.75	10%
	ULSD 15ppm NYH barge	53	Argus US Products: Diesel 15ppm NYH barge - Low	\$0.75	10%	\$0.75	10%
	ULSK 15ppm NYH barge	58	Argus US Products: Kerosine ULSK NYH barge - Low	\$0.75	10%	\$0.75	10%

Fuel Type Switch Thresholds (RLS generator fuel burdened price basis)						
From Fuel Group	To Fuel Group	Real Time \$/mmBtu	Real Time %	Day Ahead \$/mmBtu	Day Ahead %	
NG1, NG2, NG3	Oil1	\$20.62	n/a	\$20.62	n/a	
Oil1	NG1, NG2, NG3	\$20.62	n/a	\$20.62	n/a	
NG1, NG2, NG3	Oil2	\$25.94	n/a	\$25.94	n/a	
Oil2	NG1, NG2, NG3	\$25.94	n/a	\$25.94	n/a	
NG1	NG2	\$7.51	n/a	\$7.51	n/a	
NG2	NG1	\$7.51	n/a	\$7.51	n/a	

Notes:
The ability for the generator to update fuel index types and the corresponding fuel burden available to the generator for Day-Ahead and Real-Time reference levels continues to be available through the RLS application.
All Day-Ahead or Real-Time generator bids that include fuel information are validated against the above listed Dollar and Percent thresholds as well as RLS permissions before reference prices are adjusted at the respective market close.
The ability to have Real-Time reference prices adjusted at market close using fuel information entered on the generator bid has been active since October 2010.
The ability to have Day-Ahead reference prices adjusted at market close using fuel information entered on the generator bid has been active since June 2014.
To learn more about the validation calculations, refer to the RLS User's Guide Appendix B for sample calculations. The RLS Users Guide is available on the NYISO website.
Fuel type thresholds are based on difference in price of the two fuel types plus \$7/mmBtu, recent one-month ave (data 4/16/14-5/15/14).
Fuel price thresholds are based on data from 12/2013 thru 4/2016
Effective: <b>12/8/2016</b>