

NYISO Fuel Entry Thresholds

Effective Starting February 17, 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 | \$15.02 | 10% | \$15.02 | 10% |
| | NG ALGONQUIN | 31 | Argus North American Natural Gas: Algonquin Citygates | \$15.02 | 10% | \$15.02 | 10% |
| | NG TEXAS EAST M3 | 44 | Argus North American Natural Gas: Texas Eastern Zone M3 | \$15.02 | 10% | \$15.02 | 10% |
| | NG IROQUOIS Z2 | 52 | Argus Natural Gas Americas: Iroquois Zone 2 day-ahead index | \$15.02 | 10% | \$15.02 | 10% |
| | NG TENNESSEE ZONE 6 | 54 | Argus Natural Gas Americas: Natural gas hub TGP zone 6 day-ahead Index | \$15.02 | 10% | \$15.02 | 10% |
| | 75 TRANSCO 25 IROQUS | 50 | Blend of 75 % NG TRANSCO Z6NY and 25% NG IROQUOIS | \$15.02 | 10% | \$15.02 | 10% |
| | 50 TRANSCO 50 OIL #6 | 48 | Blend of 50 % NG TRANSCO Z6NY and 50% OIL #6 | \$15.02 | 10% | \$15.02 | 10% |
| | 75 TRANSCO 25 OIL #6 | 46 | Blend of 75 % NG TRANSCO Z6NY and 25% OIL #6 | \$15.02 | 10% | \$15.02 | 10% |
| | 80 TRANSCO 20 OIL #6 | 49 | Blend of 80 % NG TRANSCO Z6NY and 20% OIL #6 | \$15.02 | 10% | \$15.02 | 10% |
| NG2 | NG DOMINION SP | 37 | Argus North American Natural Gas: Dominion South Point | \$0.40 | 10% | \$0.40 | 10% |
| | NG DOMINION NP | 38 | Argus North American Natural Gas: Dominion North Point | \$0.40 | 10% | \$0.40 | 10% |
| | NG NIAGARA | 43 | Argus North American Natural Gas: Niagara | \$0.40 | 10% | \$0.40 | 10% |
| | NG COLUMBIA | 45 | Argus North American Natural Gas: Col Gas Appalachia | \$0.40 | 10% | \$0.40 | 10% |
| | NG NIT/AECO | 55 | Argus Natural Gas Americas: Natural gas hub NIT/AECO day-ahead Index | \$0.40 | 10% | \$0.40 | 10% |
| | NG HENRY HUB | 56 | Argus Natural Gas Americas: Natural gas hub Henry Hub day-ahead Index | \$0.40 | 10% | \$0.40 | 10% |
| | NG TENN Z-4 200 LINE | 57 | Argus Natural Gas Americas: Natural gas hub TGP zone 4 200 Line day-ahead index | \$0.40 | 10% | \$0.40 | 10% |
| | NG DAWN ONTARIO USD | 59 | Argus Natural Gas Americas: Natural gas hub Dawn Ontario day-ahead Index | \$0.40 | 10% | \$0.40 | 10% |
| NG3 | NG IROQUOIS | 32 | Argus North American Natural Gas: Iroquois Waddington | \$0.40 | 10% | \$0.40 | 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 | \$0.95 | 10% | \$0.95 | 10% |
| | AVG KEROSENE | 3 | Argus US Products: Jet/kerosene 55NYH cargo | \$0.95 | 10% | \$0.95 | 10% |
| | ULSD 15ppm NYH barge | 53 | Argus US Products: Diesel 15ppm NYH barge - Low | \$0.95 | 10% | \$0.95 | 10% |
| | ULSK 15ppm NYH barge | 58 | Argus US Products: Kerosine ULSK NYH barge - Low | \$0.95 | 10% | \$0.95 | 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: |
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| 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 4/2015 |
| Effective: 02/17/2016 |