

NODAL EXCHANGE CONTRACT SPECIFICATION

Henry Hub Penultimate Monthly Natural Gas Option 10,000

ITEM	SPECIFICATION
Contract Description	A monthly Option on the corresponding contract period of the Henry Hub Penultimate Monthly Natural Gas Futures
Option Style	European
Underlying Contract	NHP
Screen Name	Henry Hub Pen 10K Option
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	One lot of the underlying futures contract
Unit of Trading	1 lot, as defined in Contract Size per Lot
Strike Price	\$0.05 increment strike prices. 50 strikes above and below the at-the-money Strike Price per contract. The at-the-money strike price is the closest interval nearest to the previous business day's settlement price of the underlying contract. User-defined strike prices are allowed in \$0.001 increments
Currency	US Dollars
Minimum Tick	\$0.0001 per MMBtu
Settlement Price Precision	\$0.0001 per MMBtu
Last Trading Day	Trading shall cease at 2:30 pm EPT on the fourth CME Business Day prior to the first calendar day of the contract month.
Contract Series	Up to 84 months
Premium/NLV	The premium on the option is paid/received on the next settlement cycle following the trade. Net Liquidating Value (NLV) will be re-calculated based on the relevant settlement prices during each settlement cycle. For buyers of options, the NLV credit will be used to offset their Initial Margin (IM) requirement; for sellers of options, the NLV debit must be covered in the same manner as the IM requirement. NLV will go to zero at final settlement and VM will be collected/paid on any resulting futures positions
Daily Settlement Price	The Daily Settlement Prices are equivalent to the 2:30 PM EPT daily settlement prices for the corresponding NYMEX Natural Gas European Options Contract (LN). In case NYMEX daily settlement prices are not available, the settlement prices are determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Exercise	Exercise of "in-the-money" options is automatic on the Last Trading Day. Clearing members that are long options have until 4:30 pm on the Last Trading Day to indicate whether they will exercise expiring "out-of-the-money" options, or allow the "in-the-money" options to expire without exercise based on the settlement price of the underlying futures on that day. When exercised against, option sellers will be selected on a pro-rata basis, at the Exchange's discretion.
Settlement Method	Exercise into underlying futures contract
Spot Month Accountability LevelPosition Limit	<u>2</u> 1,000 Lots, weighted by option delta
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATION

Henry Hub Penultimate Monthly Natural Gas Option 2,500

ITEM	SPECIFICATION
Contract Description	A monthly Option on the corresponding contract period of the Henry Hub Penultimate Monthly Natural Gas Futures
Option Style	European
Underlying Contract	PHH
Screen Name	Henry Hub Pen 2.5K Option
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	One lot of the underlying futures contract
Unit of Trading	1 lot, as defined in Contract Size per Lot
Strike Price	\$0.25 increment strike prices. 10 strikes above and below the at-the-money Strike Price per contract. The at-the-money strike price is the closest interval nearest to the previous business day's settlement price of the underlying contract. User-defined strike prices are allowed in \$0.001 increments
Currency	US Dollars
Minimum Tick	\$0.0001 per MMBtu
Settlement Price Precision	\$0.0001 per MMBtu
Last Trading Day	Trading shall cease at 2:30 pm EPT on the fourth CME Business Day prior to the first calendar day of the contract month.
Contract Series	Up to 84 months
Premium/NLV	The premium on the option is paid/received on the next settlement cycle following the trade. Net Liquidating Value (NLV) will be re-calculated based on the relevant settlement prices during each settlement cycle. For buyers of options, the NLV credit will be used to offset their Initial Margin (IM) requirement; for sellers of options, the NLV debit must be covered in the same manner as the IM requirement. NLV will go to zero at final settlement and VM will be collected/paid on any resulting futures positions
Daily Settlement Price	The Daily Settlement Prices are equivalent to the 2:30 PM EPT daily settlement prices for the corresponding NYMEX Natural Gas European Options Contract (LN). In case NYMEX daily settlement prices are not available, the settlement prices are determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Exercise	Exercise of "in-the-money" options is automatic on the Last Trading Day. Clearing members that are long options have until 4:30 pm on the Last Trading Day to indicate whether they will exercise expiring "out-of-the-money" options, or allow the "in-the-money" options to expire without exercise based on the settlement price of the underlying futures on that day. When exercised against, option sellers will be selected on a pro-rata basis, at the Exchange's discretion.
Settlement Method	Exercise into underlying futures contract
Spot Month Accountability Level Position Limit	<u>84,000</u> Lots, weighted by option delta
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Henry Hub Penultimate Monthly Natural Gas Contract 10,000

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Natural Gas Financial Contract, Henry Hub Penultimate
Contract Code	NHP
Block Name	Henry Hub Pen 10K Future
Screen Name	Henry Hub Pen 10K
Settlement Method	Financial
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	10,000 MMBtu per month
Currency	US Dollars
Minimum Tick	\$0.001 per MMBtu
Settlement Price Precision	\$0.001 per MMBtu
Last Trading Day	Trading shall cease at 2:30pm EPT on the fourth CME Business Day prior to the first calendar day of the contract month
Contract Series	Current calendar year plus 12 full calendar years
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	The Daily Settlement Prices are equivalent to the 2:30 EPT daily settlement prices for the corresponding NYMEX Henry Hub Natural Gas Futures Contract (NG). In case NYMEX daily settlement prices are not available, the settlement prices are determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The Final Settlement Price will be a price in US Dollars per MMBtu equal to the 2:30pm EPT daily settlement price of Henry Hub Natural Gas Futures Contract (NG) as published by the CME Group's New York Mercantile Exchange (NYMEX) for the corresponding contract month on the business day preceding the last trading day for that contract month.
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Spot Month Accountability Level <u>Position Limit</u>	<u>21</u> ,000 Lots
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Henry Hub Penultimate Monthly Natural Gas Contract 2,500

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Natural Gas Financial Contract, Henry Hub Penultimate
Contract Code	PHH
Block Name	Henry Hub Pen 2500 Future
Screen Name	Henry Hub Pen 2.5K
Settlement Method	Financial
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	2,500 MMBtu per month
Currency	US Dollars
Minimum Tick	\$0.001 per MMBtu
Settlement Price Precision	\$0.001 per MMBtu
Last Trading Day	Trading shall cease at 2:30pm EPT on the fourth CME Business Day prior to the first calendar day of the contract month
Contract Series	Current calendar year plus 12 full calendar years
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	The Daily Settlement Prices are equivalent to the 2:30 EPT daily settlement prices for the corresponding NYMEX Henry Hub Natural Gas Futures Contract (NG). In case NYMEX daily settlement prices are not available, the settlement prices are determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The Final Settlement Price will be a price in US Dollars per MMBtu equal to the 2:30pm EPT daily settlement price of Henry Hub Natural Gas Futures Contract (NG) as published by the CME Group's New York Mercantile Exchange (NYMEX) for the corresponding contract month on the business day preceding the last trading day for that contract month.
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Spot Month Accountability Level Position Limit	<u>84,000</u> Lots
Margin Unit	US Dollars