



GSC Energy

2012 Energy Futures and Options Calendar

NYMEX Natural Gas

| <i>last trading day</i> | options | futures |
|-------------------------|----------|----------|
| January '12 | Dec. 27 | Dec. 28 |
| February | Jan. 26 | Jan. 27 |
| March | Feb. 24 | Feb. 27 |
| April | Mar. 27 | Mar. 28 |
| May | Apr. 25 | Apr. 26 |
| June | May 25 | May 29 |
| July | June 27 | June 27 |
| August | July 26 | July 27 |
| September | Aug. 28 | Aug. 29 |
| October | Sept. 25 | Sept. 26 |
| November | Oct. 26 | Oct. 29 |
| December | Nov. 27 | Nov. 28 |
| January '13 | Dec. 26 | Dec. 27 |

Trading hours 9:00a-2:30p
GLOBEX (Sunday - Friday) 6:00p-5:15p

NYMEX Heating Oil/ RBOB

| <i>last trading day</i> | options | futures |
|-------------------------|----------|----------|
| January '12 | Dec. 27 | Dec. 30 |
| February | Jan. 26 | Jan. 31 |
| March | Feb. 24 | Feb. 29 |
| April | Mar. 27 | Mar. 30 |
| May | Apr. 25 | Apr. 30 |
| June | May 25 | May 31 |
| July | June 26 | June 29 |
| August | July 26 | July 31 |
| September | Aug. 28 | Aug. 31 |
| October | Sept. 25 | Sept. 28 |
| November | Oct. 26 | Oct. 31 |
| December | Nov. 27 | Nov. 30 |
| January '13 | Dec. 26 | Dec. 31 |

Trading hours 9:00a-2:30p
GLOBEX (Sunday - Friday) 6:00p-5:15p

NYMEX Crude Oil

| <i>last trading day</i> | options | futures |
|-------------------------|----------|---------|
| January '11 | Dec. 15 | Dec. 20 |
| February | Jan. 17 | Jan. 20 |
| March | Feb. 15 | Feb. 21 |
| April | Mar. 15 | Mar. 20 |
| May | Apr. 17 | Apr. 20 |
| June | May 17 | May 22 |
| July | June 15 | June 20 |
| August | July 17 | July 20 |
| September | Aug. 16 | Aug. 21 |
| October | Sept. 17 | Sep. 20 |
| November | Oct. 17 | Oct. 22 |
| December | Nov. 13 | Nov. 16 |
| January '12 | Dec. 14 | Dec. 19 |

Trading hours 9:00a-2:30p
GLOBEX (Sunday - Friday) 6:00p-5:15p

Providing Risk Management Services
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2012 Energy Futures and Options Calendar Energy Conversions

Petroleum

1 barrel CL = 42 gallons
1 barrel CL = 5.82 million Btu
1 barrel CL = 1700 kW hrs of electricity*
1 gallon HO = 140,000 Btu
1 gallon #4 oil = 145,000 Btu
1 gallon #6 oil = 150,000 Btu
* Based on 100% efficiency

Natural Gas

1 cf = 1000 Btu (nominal) 1026.9 Btu (actual)
100 cf = 1 Ccf = 100,000 Btu = 1 Therm = 2.8 m³
1000 cf = 1 Mcf = 1,000,000 Btu = 1 MMBtu
1 MMBtu = 10 Therms = 1 Dekatherm
1 Dekatherm = 1.054615 Gigajoules

Electricity

1 kilowatt (kW) = 1000 watts
1 megawatt (MW) = 1 million watts
1 gigawatt (GW) = 1 billion watts
1 terawatt (TW) = 1 trillion watts

2012 NYMEX Holidays

| | | |
|------------------------|-------|----|
| New Year's 2012 | Jan. | 02 |
| Martin Luther King Day | Jan. | 16 |
| President's Day | Feb. | 20 |
| Good Friday | Apr. | 06 |
| Memorial Day | May | 28 |
| Independence Day | July | 04 |
| Labor Day | Sept. | 03 |
| Thanksgiving | Nov. | 22 |
| Christmas | Dec. | 25 |

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