



13-454

TO: Clearing Member Firms
Chief Financial Officers
Back Office Managers
Margin Managers

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Monday, September 30, 2013

To receive advanced notification of Performance Bond (margin) changes, through our free automated mailing list, go to <http://www.cmegroup.com/newsletter/web2lead/web2sf-old.html>

and subscribe to the Performance Bond Rates Advisory Notice listserver.

As per the normal review of market volatility to ensure adequate collateral coverage, the Chicago Mercantile Exchange Inc., Clearing House Risk Management staff approved the performance bond requirements for the following products listed below.

The rates will be effective after the close of business on **Tuesday, October 01, 2013.**

Current rates as of:

Monday, September 30, 2013.

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range. Below are descriptions of what each change affects:

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract.

The volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL - Inter-commodity Spread Rates						
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	Increase	+2:-15	50%	50%	60%	60%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-12	40%	40%	50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	Increase	+1:-12	45%	45%	60%	60%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+2:-15	45%	45%	60%	60%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+2:-15	35%	35%	50%	50%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K) vs. BRENT FINANCIAL FUTURES (NY-BB)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	45%	45%
Spread Credit Rate	Decrease	+1:-1	55%	55%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-12	50%	50%	60%	60%
Expand 1. LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME). 37485						
Spread Credit Rate	New	+12:-1			60%	60%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Increase	+12:-1	50%	50%	60%	60%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+12:-1	40%	40%	55%	55%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+12:-1	50%	50%	60%	60%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	50%	50%
LLS (ARGUS) CALENDAR SWAP FUTURES (NY-XA - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	45%	45%
LLS (ARGUS) CALENDAR SWAP FUTURES (NY-XA - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	45%	45%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	50%	50%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. BRENT FINANCIAL FUTURES (NY-BB)						
Spread Credit Rate	Increase	+1:-1	35%	35%	50%	50%
Spread Credit Rate	Increase	+1:-1	35%	35%	50%	50%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES vs LLS (ARGUS) CALENDAR SWAP FUTURES						
Spread Credit Rate	New	+1:-1			65%	65%
MT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0)vs. DATED BRENT (PLATTS) CAL SWAP FUTURES (NY-UB)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NGL/PETROCHEMICALS - Inter-commodity Spread Rates						
Spread Credit Rate	New	+1:-1			45%	45%
Spread Credit Rate	New	+1:-1			40%	40%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	50%	50%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	New	+2:-15			50%	50%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS BIODIESEL RME FOB RDAM SWAP FUTURES (NY-1A - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Decrease	+10:-1	60%	60%	35%	35%
ARGUS PROPAN(SAUDI ARAMCO) SWP (NY-9N - CME) vs EUROPE NAPHTHA CALSWAP (NY-UN - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	Increase	+2:-15	50%	50%	60%	60%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Increase	+2:-15	35%	35%	50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-12	40%	40%	50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	Increase	+1:-12	45%	45%	60%	60%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5 - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1			55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	45%	45%	55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+2:-15	45%	45%	60%	60%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Increase	+2:-15	40%	40%	50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS - CME)						
Spread Credit Rate	New	+1:-1			55%	55%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5 - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+2:-15	35%	35%	50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME)						
Spread Credit Rate	New	+1:-1			50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Decrease	+15:-2	50%	50%	40%	40%
CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	40%	40%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K) vs. BRENT FINANCIAL FUTURES (NY-BB)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	45%	45%
Spread Credit Rate	Decrease	+1:-1	55%	55%	45%	45%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K) vs. GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5) vs. CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	25%	25%
Spread Credit Rate	Decrease	+1:-1	45%	45%	25%	25%
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5) vs. MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+2:-15	30%	30%	0%	0%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+2:-15	40%	40%	25%	25%
EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME)						
Spread Credit Rate	Decrease	+2:-15	60%	60%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN) vs. CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN) vs. MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-12	50%	50%	60%	60%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) VS. NAPHTHA CIF NEW (PLATTS) SWAP FUTURES (NY-EPN - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs SINGAPORE NAPHTHA (PLATTS) SWAP FUTURES (NY-SP - CME)						
Spread Credit Rate	Increase	+10:-1	0%	0%	50%	50%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) VS. NAPHTHA CIF NEW (PLATTS) SWAP FUTURES (NY-EPN - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
Expand 1. ARGUS PROPAN(SAUDI ARAMCO) SWP (NY-9N - CME) vs EUROPE NAPHTHA CALSWAP (NY-UN - CME). 39167						
Spread Credit Rate	New	+1:-1			60%	60%
Expand 1. ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME). 38256						
Spread Credit Rate	New	+1:-1			60%	60%
Expand 1. ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME). 38258						
Spread Credit Rate	New	+1:-1			60%	60%
Expand 1. LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME). 37485						
Spread Credit Rate	New	+12:-1			60%	60%
Expand 1. N/A. 51074						
Spread Credit Rate	New	+1:-1			40%	40%
GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	New	+1:-1			45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H) vs. MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q)						
Spread Credit Rate	Decrease	+2:-15	70%	70%	55%	55%
Spread Credit Rate	Decrease	+2:-15	70%	70%	55%	55%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H) vs. MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0)						
Spread Credit Rate	Decrease	+2:-15	65%	65%	50%	50%
Spread Credit Rate	Decrease	+2:-15	65%	65%	50%	50%
GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	65%	65%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+15:-2	30%	30%	50%	50%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	New	+15:-2			65%	65%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	30%	30%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA) vs. MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Increase	+12:-1	50%	50%	60%	60%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+12:-1	40%	40%	55%	55%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+12:-1	50%	50%	60%	60%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL, CS, WS) vs MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	50%	50%
LLS (ARGUS) CALENDAR SWAP FUTURES (NY-XA - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	45%	45%
LLS (ARGUS) CALENDAR SWAP FUTURES (NY-XA - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	45%	45%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	50%	50%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. BRENT FINANCIAL FUTURES (NY-BB)						
Spread Credit Rate	Increase	+1:-1	35%	35%	50%	50%
Spread Credit Rate	Increase	+1:-1	35%	35%	50%	50%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV)						
Spread Credit Rate	Increase	+15:-2	30%	30%	55%	55%
Spread Credit Rate	Increase	+15:-2	30%	30%	55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA)						
Spread Credit Rate	Increase	+15:-2	30%	30%	50%	50%
Spread Credit Rate	Increase	+15:-2	30%	30%	50%	50%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA)						
Spread Credit Rate	Increase	+15:-2	40%	40%	55%	55%
Spread Credit Rate	Increase	+15:-2	40%	40%	55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE)						
Spread Credit Rate	Increase	+15:-2	40%	40%	55%	55%
Spread Credit Rate	Increase	+15:-2	40%	40%	55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Decrease	+12:-1	50%	50%	40%	40%
MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	40%	40%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	35%	35%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+15:-2	50%	50%	60%	60%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs RBOB GASOLINE FUTURES (NY-RB, RL, RT)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES vs LLS (ARGUS) CALENDAR SWAP FUTURES						
Spread Credit Rate	New	+1:-1			65%	65%
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+12:-1	35%	35%	50%	50%
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+15:-2	30%	30%	55%	55%
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+12:-1	35%	35%	55%	55%
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME)						
Spread Credit Rate	Increase	+15:-2	30%	30%	50%	50%
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0) vs. SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	45%	45%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME) vs PGP POLYMER GRADE PROPYLENE (PCW) CALENDAR SWAP FUTURES (NY-PGP - CME)						
Spread Credit Rate	New	+1:-1			40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN)						
Spread Credit Rate	Decrease	+15:-2	40%	40%	30%	30%
Spread Credit Rate	Decrease	+15:-2	40%	40%	30%	30%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H)						
Spread Credit Rate	Decrease	+15:-2	40%	40%	0%	0%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA)						
Spread Credit Rate	Decrease	+15:-2	40%	40%	30%	30%
Spread Credit Rate	Decrease	+15:-2	40%	40%	30%	30%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q)						
Spread Credit Rate	Increase	+1:-1	0%	0%	45%	45%
Spread Credit Rate	Increase	+1:-1	0%	0%	45%	45%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	25%	25%
Spread Credit Rate	Decrease	+1:-1	50%	50%	25%	25%
MONT BELVIEU PHYSICAL LDH PROPANE (OPIS) FUTURES (NY-3N - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
MONT BELVIEU PHYSICAL NORMAL BUTANE (OPIS) FUTURES (NY-3M - CME) vs MONT BELVIEU NORMAL BUTANE (OPIS) BALMO SWAP FUTURES (NY-8J - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	75%	75%
MT BELVIEU NAT GAS 5 D. OPIS (NY-7Q) vs. SINGAPORE GASOIL SWAP (NY-SG)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
MT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0) vs. SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
MT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0)vs. DATED BRENT (PLATTS) CAL SWAP FUTURES (NY-UB)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs MONT BELVIEU LDH ISO-BUTANE (OPIS) SWAP FUTURES (NY-MBL - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	60%	60%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+12:-1	35%	35%	50%	50%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	35%	35%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+12:-1	45%	45%	60%	60%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
NY 0.3% FUEL OIL HIPR (PLATTS) SWAP FUTURES (NY-8N - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
NY 0.3% FUEL OIL HIPR (PLATTS) SWAP FUTURES (NY-8N - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
NY 0.3% FUEL OIL HIPR (PLATTS) SWAP FUTURES (NY-8N - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
NY 0.3% FUEL OIL HIPR (PLATTS) SWAP FUTURES (NY-8N - CME) vs MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
NY 2.2% FUEL OIL (PLATTS) SWAP FUTURES (NY-Y3 - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	0%	0%
NY 2.2% FUEL OIL (PLATTS) SWAP FUTURES (NY-Y3 - CME) vs MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	0%	0%
PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+12:-1	35%	35%	45%	45%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
RBOB GASOLINE FUTURES (NY-RB - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
RBOB GASOLINE FUTURES (NY-RB - CME) vs MONT BELVIEU LDH ISO-BUTANE (OPIS) SWAP FUTURES (NY-MBL - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	55%	55%
SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	60%	60%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	60%	60%
SINGAPORE JET KEROSENE SWAP (NY-KS) vs. MT BELVIEU NAT GAS 5 D. OPIS (NY-7Q)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	45%	45%
Spread Credit Rate	Decrease	+1:-1	50%	50%	45%	45%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	60%	60%
SINGAPORE NAPHTHA (PLATTS) SWAP FUTURES (NY-SP - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
SINGAPORE NAPHTHA (PLATTS) SWAP FUTURES (NY-SP - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
SINGAPORE NAPHTHA SWAP (NY-SP - CME) vs EURO PROPANE CIF ARA SWAP (NY-PS - CME)						
Spread Credit Rate	Increase	+10:-1	0%	0%	50%	50%
PETROLEUM CRACKS AND SPREADS - Inter-commodity Spread Rates						
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) VS. NAPHTHA CIF NEW (PLATTS) SWAP FUTURES (NY-EPN - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
EUROPEAN PROPANE CIF ARA (ARGUS) VS. NAPHTHA CIF NEW (PLATTS) SWAP FUTURES (NY-EPN - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
GULF COAST ULSD (PLATTS) UP-DOWN SPREAD SWAP FUTURES (NY-LT - CME) vs GULF COAST JET (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-ME - CME)						
Spread Credit Rate	New	+1:-1			40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
REFINED PRODUCTS - Inter-commodity Spread Rates						
Spread Credit Rate	New	+1:-1			40%	40%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	50%	50%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	New	+2:-15			50%	50%
1% FUEL OIL (PLATTS) CARGOES CIF MED SWAP FUTURES (NY-1W - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS BIODIESEL RME FOB RDAM SWAP FUTURES (NY-1A - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Decrease	+10:-1	60%	60%	35%	35%
ARGUS PROPAN(SAUDI ARAMCO) SWP (NY-9N - CME) vs EUROPE NAPHTHA CALSWAP (NY-UN - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5 - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	New	+1:-1			50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5 - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	60%	60%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K) vs. GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5) vs. CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	25%	25%
Spread Credit Rate	Decrease	+1:-1	45%	45%	25%	25%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5) vs. MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+2:-15	30%	30%	0%	0%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+2:-15	40%	40%	25%	25%
EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME)						
Spread Credit Rate	Decrease	+2:-15	60%	60%	0%	0%
EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN) vs. CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN) vs. MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME) vs SINGAPORE NAPHTHA (PLATTS) SWAP FUTURES (NY-SP - CME)						
Spread Credit Rate	Increase	+10:-1	0%	0%	50%	50%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. EIA FLAT TAX ON-HIGHWAY DIESEL SWAP FUTURES (NY-A5)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS) vs. SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Expand 1. ARGUS PROPAN(SAUDI ARAMCO) SWP (NY-9N - CME) vs EUROPE NAPHTHA CALSWAP (NY-UN - CME). 39167						
Spread Credit Rate	New	+1:-1			60%	60%
Expand 1. ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME). 38256						
Spread Credit Rate	New	+1:-1			60%	60%
Expand 1. ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME). 38258						
Spread Credit Rate	New	+1:-1			60%	60%
Expand 1. N/A. 51074						
Spread Credit Rate	New	+1:-1			40%	40%
GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H) vs. MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q)						
Spread Credit Rate	Decrease	+2:-15	70%	70%	55%	55%
Spread Credit Rate	Decrease	+2:-15	70%	70%	55%	55%
GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H) vs. MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0)						
Spread Credit Rate	Decrease	+2:-15	65%	65%	50%	50%
Spread Credit Rate	Decrease	+2:-15	65%	65%	50%	50%
GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+15:-2	30%	30%	50%	50%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	New	+15:-2			65%	65%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	30%	30%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%
JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA) vs. MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	New	+1:-1			60%	60%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	New	+1:-1			55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV)						
Spread Credit Rate	Increase	+15:-2	30%	30%	55%	55%
Spread Credit Rate	Increase	+15:-2	30%	30%	55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA)						
Spread Credit Rate	Increase	+15:-2	30%	30%	50%	50%
Spread Credit Rate	Increase	+15:-2	30%	30%	50%	50%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA)						
Spread Credit Rate	Increase	+15:-2	40%	40%	55%	55%
Spread Credit Rate	Increase	+15:-2	40%	40%	55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE)						
Spread Credit Rate	Increase	+15:-2	40%	40%	55%	55%
Spread Credit Rate	Increase	+15:-2	40%	40%	55%	55%
MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I) vs. SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+15:-2	50%	50%	60%	60%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME) vs RBOB GASOLINE FUTURES (NY-RB, RL, RT)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	Increase	+15:-2	30%	30%	55%	55%
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME) vs PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME)						
Spread Credit Rate	Increase	+15:-2	30%	30%	50%	50%
MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0) vs. SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	45%	45%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN)						
Spread Credit Rate	Decrease	+15:-2	40%	40%	30%	30%
Spread Credit Rate	Decrease	+15:-2	40%	40%	30%	30%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H)						
Spread Credit Rate	Decrease	+15:-2	40%	40%	0%	0%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA)						
Spread Credit Rate	Decrease	+15:-2	40%	40%	30%	30%
Spread Credit Rate	Decrease	+15:-2	40%	40%	30%	30%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB) vs. SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	25%	25%
Spread Credit Rate	Decrease	+1:-1	50%	50%	25%	25%
MONT BELVIEU PHYSICAL LDH PROPANE (OPIS) FUTURES (NY-3N - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
MT BELVIEU NAT GAS 5 D. OPIS (NY-7Q) vs. SINGAPORE GASOIL SWAP (NY-SG)						
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%
Spread Credit Rate	Increase	+1:-1	30%	30%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
MT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0) vs. SINGAPORE GASOIL (PLATTS) SWAP FUTURES (NY-SG)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs MONT BELVIEU LDH ISO-BUTANE (OPIS) SWAP FUTURES (NY-MBL - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	60%	60%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	Increase	+12:-1	35%	35%	50%	50%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	35%	35%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Increase	+12:-1	45%	45%	60%	60%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, MP, BH) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	65%	65%
NY 0.3% FUEL OIL HIPR (PLATTS) SWAP FUTURES (NY-8N - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
NY 0.3% FUEL OIL HIPR (PLATTS) SWAP FUTURES (NY-8N - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
NY 0.3% FUEL OIL HIPR (PLATTS) SWAP FUTURES (NY-8N - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
NY 0.3% FUEL OIL HIPR (PLATTS) SWAP FUTURES (NY-8N - CME) vs MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
NY 2.2% FUEL OIL (PLATTS) SWAP FUTURES (NY-Y3 - CME) vs CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	0%	0%
NY 2.2% FUEL OIL (PLATTS) SWAP FUTURES (NY-Y3 - CME) vs MONT BELVIEU NORMAL BUTANE LDH (OPIS) SWAP FUTURES (NY-MNB - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	0%	0%
PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	40%	40%	55%	55%
PREMIUM UNLEADED GASOLINE 10 PPM (PLATTS) FOB MED SWAP FUTURES (NY-3G - CME) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs GULF COAST JET FUEL (PLATTS) CALENDAR SWAP FUTURES (NY-GE - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs JAPAN C&F NAPHTHA (PLATTS) SWAP FUTURES (NY-JA - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME) vs SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME)						
Spread Credit Rate	New	+1:-1			45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
RBOB GASOLINE FUTURES (NY-RB - CME) vs ARGUS PROPANE FAR EAST INDEX SWAP FUTURES (NY-7E - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
RBOB GASOLINE FUTURES (NY-RB - CME) vs MONT BELVIEU LDH ISO-BUTANE (OPIS) SWAP FUTURES (NY-MBL - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	40%	40%
SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	55%	55%
SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	60%	60%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	50%	50%
SINGAPORE FUEL OIL 380 CST (PLATTS) SWAP FUTURES (NY-SE - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+2:-15	30%	30%	60%	60%
SINGAPORE JET KEROSENE SWAP (NY-KS) vs. MT BELVIEU NAT GAS 5 D. OPIS (NY-7Q)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	45%	45%
Spread Credit Rate	Decrease	+1:-1	50%	50%	45%	45%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	60%	60%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
SINGAPORE NAPHTHA (PLATTS) SWAP FUTURES (NY-SP - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
SINGAPORE NAPHTHA (PLATTS) SWAP FUTURES (NY-SP - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	55%	55%
SINGAPORE NAPHTHA SWAP (NY-SP - CME) vs EURO PROPANE CIF ARA SWAP (NY-PS - CME)						
Spread Credit Rate	Increase	+10:-1	0%	0%	50%	50%