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Who Are We?

Bloomberg are a provider of global news, pricing and data
For financial, energy and commodity markets!

This specifically includes...

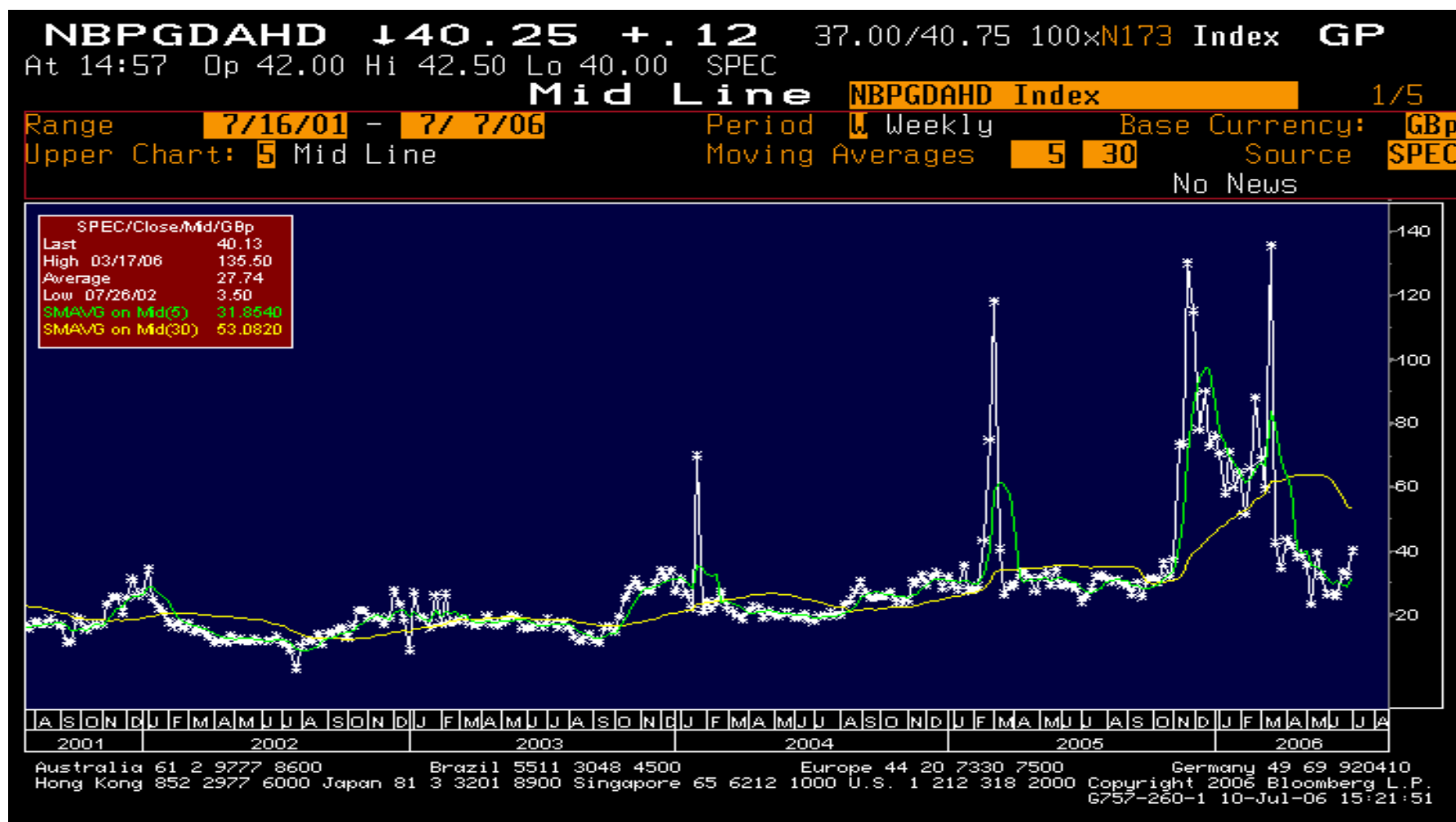
1. Real-time news!
2. Real time prices!
3. Historical prices and data
4. Analytical calculators and tools
5. Charting and technical analysis capabilities



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Do you remember 2005/6?

The market was never like this before!



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Looking forward!

- Tough times for customers could come again.
- Markets are becoming more not less complicated
- In 05/06 it became survival of the fittest...
- For those customers information was power



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What Challenges do market participants face?

Is it that there is not enough information?

Is it that there is too much information?

Is it that there is unequal distribution of information?



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Levelling the playing field...

- No surprise – we do not have a level playing field across Europe
- Might be a surprise – things are improving...
- Bloomberg will give you easy to use access to these improvements...



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Real-time UK Gas Data

<HELP> for explanation, <MENU> for similar functions. P144c Index **UGAS**

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UK NATURAL GAS -- UK National Balancing Point

Pricing Date Last Price Source

Product	B/A Src	Time	Bid	Ask	Time	Trd Src	Time	Trade	Chg
OTC Market (GBpence/therm)									
1) Within Day	TPGE	12:47	22.35	22.60	12:10	SPEC	12:42	22.45	-0.18
2) Day Ahead	ICAS	12:38	21.50	22.10	13:04	ICAS	12:38	21.60	-0.55
3) Weekend	SPEC	12:57	20.75	21.25	12:11	SPEC	12:11	21.15	-0.68
4) Balance of Week	ICAS	12:39	21.75	22.10	11:28	ICAS	09:57	22.35	0.10
5) Week Ahead	ICAS	12:26	21.10	21.50	13:01	ICAS	11:02	21.25	-0.75
6) Balance of Month	ICAS	12:13	20.25	20.85	12:43	ICAS	12:17	21.00	0.40
NBP Forwards									
7) July 2007	SPEC	10:58	18.75	19.80	12:27	SPEC	10:58	18.80	-0.40
8) Aug 07	SPEC	13:03	19.60	20.00	13:03	SPEC	13:03	19.85	-0.35
9) Sep 07	SPEC	13:05	18.45	18.55	13:00	SPEC	13:05	18.45	-0.45
10) 3rd Qtr 2007	SPEC	13:07		19.10	13:06	SPEC	12:47	19.02	-0.33
11) 4th Qtr 2007	HERN	06/08	37.95	38.05	06/08	SPEC	06/08	38.10	--
12) 1st Qtr 2008	SPEC	10:28	46.00		11:18	SPEC	09:43	48.40	-0.20
13) 2nd Qtr 2008	HERN	06/08	31.38	31.48	06/08	SPEC	06/08	31.50	--
14) 3rd Qtr 2008	HERN	06/08	29.12	29.23	06/08	HERN	06/08	29.17	--
15) 4th Qtr 2008	HERN	06/08	41.00	41.10	06/08	HERN	06/08	41.05	--

91) UK National Balancing Point 92) Generic Tickers 93) On-the-day Commodity Market

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How can Bloomberg help you meet the **information challenges** and level the playing field?

- Access to information flow including...
- Streaming news from multiple sources!
- Intraday pricing from multiple sources!
- Access to Third Party information like Heren, Platts and McCloskey's !
- Provide a means to organize all of this data and information in a user friendly format!
- Allow the integration of proprietary data bases!
- Use of integrated charting package!
- Use of integrated analytics and both news and price alerts!



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What's New at Bloomberg Energy?

<HELP> for explanation, <MENU> for similar functions. P107 Comdty EMIT

Green Markets/Emissions											
Ticker	Time	Bid	Ask	Mid/Trd	Chg	Ticker	Time	Bid	Ask	Mid/Trd	Chg
Green Markets/ CO2 Emissions Trading											
OTC Market											
EU ETS Allowances											
(\$/tonne CO2e)											
5) Year 2005	9:12	16.10	16.30	16.10	--	Exchanges					
6) Year 2006	9:12	16.15	16.35	16.15	--	EEX Spot Price					
7) Year 2007						10) EUA 2005	5/3	.00	.00	16.00	
8) Spot						ECX CFI FUTURES					
UK Scheme											
10) UK CO2						10) Dec 05	9:29	15.10	16.50	16.05	-.05
12) UK LEC											

<HELP> for explanation, <MENU> for similar functions. P144c Govt EFSC

Select a period to view the components of the spark spread calculation.

European Forward Spark Spreads

Power: UK Baseload Fuel: UK NBP Forwards View: Forwards

Efficiency: 0.49131 Heat Rate: 6945 CO2 Adjustment: 0.42

	Price	Time	Source	Price	Time	Source	CO2 EUR Price	Spark Spreads
								Dirty Clean
Oct 06	39.40	08:16	EGFI	42.46	09/01	BBSW	16.05	9.91 5.36
Nov 06	53.53	09/01	BBSW	64.74	09/01	BBSW	16.05	8.57 4.01
Dec 06	60.05	09/01	BBSW	75.97	09/01	BBSW	16.05	7.29 2.73
Oct-Dec 06	51.50	09/01	EGFI	81.80	09/01	BBSW	16.05	8.72 4.17
Jan-Mar 07	60.00	09/01	EGFI	75.91	09/01	BBSW	16.35	7.28 2.63
Apr-Jun 07	43.10	08/31	HERN	49.29	09/01	BBSW	16.35	8.87 4.20
Jul-Sep 07	42.85	08/07	EGFI	45.67	08/30	BBSW	16.35	11.13 6.45
Sum 07				49.07	12/09	BBSW	16.35	

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Select a saved search or create a new one.

Energy Asset Search

1) Add New Search

Or

Select From The Following Saved Searches

Total Fr Capacity

<MENU> for similar functions. N248 Comdty OVA

utures Option Valuation

CRUDE OIL FUTR

Start Date: 11/ 1/05 Strike: 61.106

Expiry Date: 10/31/06 Value Date: 10/23/05

or Term in Months: 12 Average: 0.000

3FR	Fut-Swp	Vol	Opt-Prc	Delta	Gamma	Vega
1.816	60.700	38.4557	1.8630	0.5071	0.0768	0.0534
1.890	60.890	37.2401	3.1715	0.5274	0.0478	0.0879
1.006	61.072	36.6935	4.1351	0.5386	0.0373	0.1129
1.135	61.174	29.1829	3.8677	0.5391	0.0401	0.1311
1.288	61.228	12.0192	1.8366	0.5419	0.0859	0.1476
1.383	61.267	22.3751	3.7190	0.5380	0.0415	0.1623
1.426	61.280	30.1374	5.3618	0.5435	0.0283	0.1743
1.469	61.272	20.9392	4.0198	0.5349	0.0377	0.1876
1.501	61.249	22.5616	4.5701	0.5344	0.0327	0.1988
1.533	61.217	10.0000	2.1514	0.5272	0.0699	0.2095
1.560	61.161	10.0000	2.2263	0.5209	0.0662	0.2198
1.580	61.038	18.2913	4.1450	0.5195	0.0345	0.2277
23.9913 3.4223 0.5310 0.0499 0.1594						

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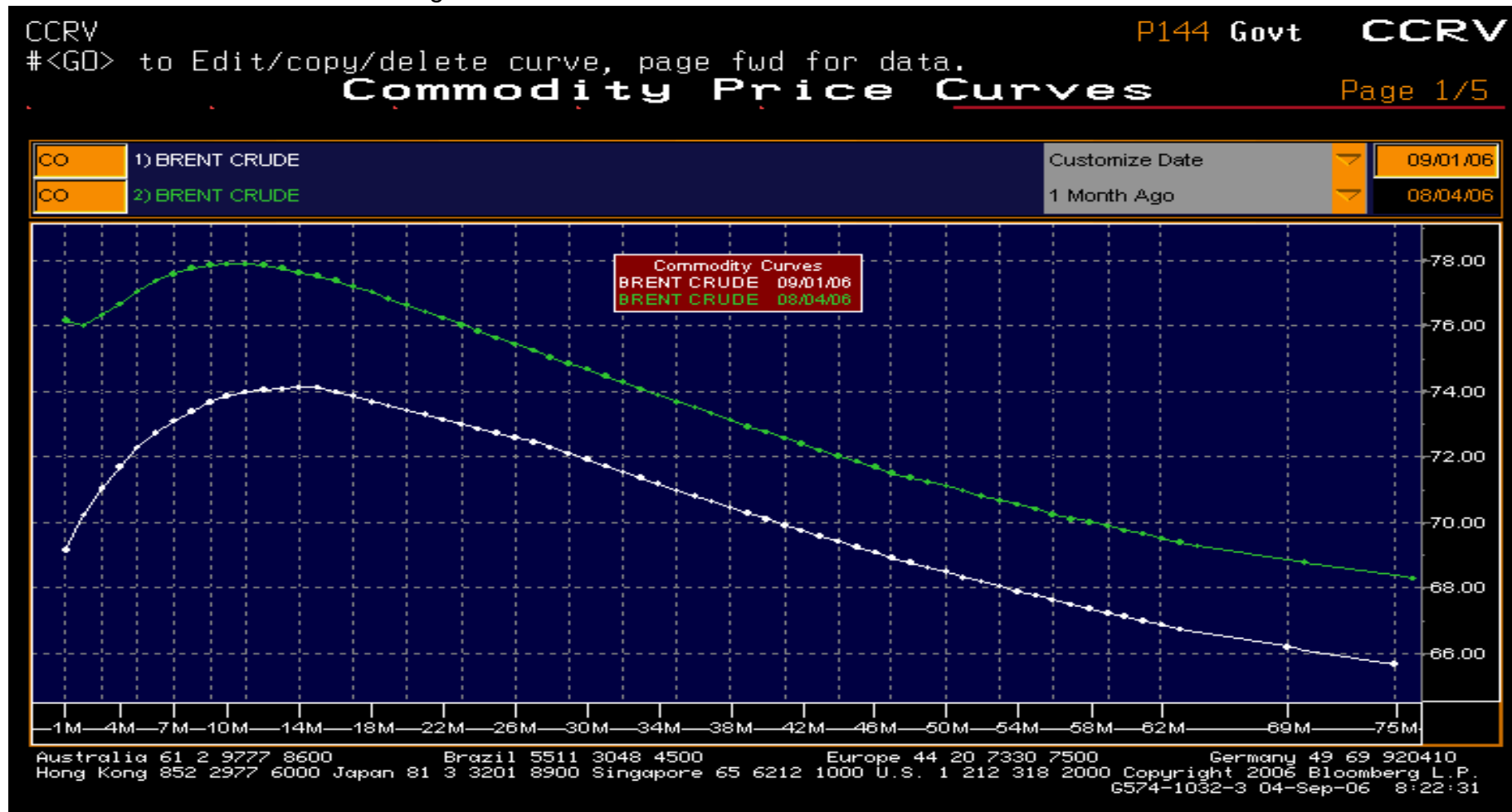
Real-time European Energy Data



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Better Forward Curve Analysis

Chart up to 4 different points in time historically for the forward curve of a commodity or graph up to 4 different forward product curves on the same chart and download the data to excel with a single mouse click !



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European Spark spreads

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European Spark Spreads

Power Fuel UK Electricity Spot / UK Natural Gas Spot

	Ticker	Short Name	Source	Cmncy	Last	Time
Power	ELUBDAH	UK Electricity Day Ahead	EGFI	GBP	40.50	11:05
Fuel	NBPGDAH	Day Ahd Nat Gas Spot UK NBP	SPEC	GBp	42.00	10:49

Power Increment	- 0 +	Efficiency	0.49131	CO2 Adjustment	0.42
Fuel Increment	- 5 +	Heat Rate	6944	CO2 Currency	EUR
		Spread Currency	GBP		

	Fuel Prices					CO2 Adjusted Sparks		
	40.50	41.25	42.00	42.75	43.50	28.60	30.35	28.35
Power Prices	Spark Spread Matrix					2006	2007	2008
37.50	9.37	8.85	8.33	7.81	7.29	-0.02	-0.53	0.05
38.50	10.37	9.85	9.33	8.81	8.29	0.98	0.47	1.05
39.50	11.37	10.85	10.33	9.81	9.29	1.98	1.47	2.05
40.50	12.37	11.85	11.33	10.81	10.29	2.98	2.47	3.05
41.50	13.37	12.85	12.33	11.81	11.29	3.98	3.47	4.05
42.50	14.37	13.85	13.33	12.81	12.29	4.98	4.47	5.05
43.50	15.37	14.85	14.33	13.81	13.29	5.98	5.47	6.05

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 2 11-Apr-06 11:19:34



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Construct personalized pages using Bloomberg data and export to other application, including Microsoft Excel

The screenshot shows a financial data application window titled "Historical Natural Gas Spread Matrix - NYMEX". The window displays a table with columns representing different gas contracts and rows representing time periods. The columns are labeled: NGF1, NGF2, NGF3, NGF4, NGF5, NGF6, NGF7, NGF8, NGF9, NGF10, NGF11, NGF12, NGF13, NGF14, NGF15, NGF16, NGF17, NGF18, NGF19, NGF20, NGF21, NGF22, NGF23, NGF24, NGF25, NGF26, NGF27, NGF28, NGF29, NGF30. The rows are labeled: FEB 02, MAR 02, APR 02, MAY 02, JUN 02, JUL 02, AUG 02, SEP 02, OCT 02, NOV 02, DEC 02, JAN 03, FEB 03, MAR 03, APR 03, MAY 03, JUN 03, JUL 03, AUG 03, SEP 03, OCT 03, NOV 03, DEC 03, JAN 04, FEB 04, MAR 04, APR 04, MAY 04, JUN 04, JUL 04, AUG 04, SEP 04, OCT 04, NOV 04, DEC 04, JAN 05, FEB 05, MAR 05, APR 05, MAY 05, JUN 05, JUL 05, AUG 05, SEP 05, OCT 05, NOV 05, DEC 05, JAN 06, FEB 06, MAR 06, APR 06, MAY 06, JUN 06, JUL 06, AUG 06, SEP 06, OCT 06, NOV 06, DEC 06, JAN 07, FEB 07, MAR 07, APR 07, MAY 07, JUN 07, JUL 07, AUG 07, SEP 07, OCT 07, NOV 07, DEC 07, JAN 08, FEB 08, MAR 08, APR 08, MAY 08, JUN 08, JUL 08, AUG 08, SEP 08, OCT 08, NOV 08, DEC 08, JAN 09, FEB 09, MAR 09, APR 09, MAY 09, JUN 09, JUL 09, AUG 09, SEP 09, OCT 09, NOV 09, DEC 09, JAN 10, FEB 10, MAR 10, APR 10, MAY 10, JUN 10, JUL 10, AUG 10, SEP 10, OCT 10, NOV 10, DEC 10, JAN 11, FEB 11, MAR 11, APR 11, MAY 11, JUN 11, JUL 11, AUG 11, SEP 11, OCT 11, NOV 11, DEC 11, JAN 12, FEB 12, MAR 12, APR 12, MAY 12, JUN 12, JUL 12, AUG 12, SEP 12, OCT 12, NOV 12, DEC 12, JAN 13, FEB 13, MAR 13, APR 13, MAY 13, JUN 13, JUL 13, AUG 13, SEP 13, OCT 13, NOV 13, DEC 13, JAN 14, FEB 14, MAR 14, APR 14, MAY 14, JUN 14, JUL 14, AUG 14, SEP 14, OCT 14, NOV 14, DEC 14, JAN 15, FEB 15, MAR 15, APR 15, MAY 15, JUN 15, JUL 15, AUG 15, SEP 15, OCT 15, NOV 15, DEC 15, JAN 16, FEB 16, MAR 16, APR 16, MAY 16, JUN 16, JUL 16, AUG 16, SEP 16, OCT 16, NOV 16, DEC 16, JAN 17, FEB 17, MAR 17, APR 17, MAY 17, JUN 17, JUL 17, AUG 17, SEP 17, OCT 17, NOV 17, DEC 17, JAN 18, FEB 18, MAR 18, APR 18, MAY 18, JUN 18, JUL 18, AUG 18, SEP 18, OCT 18, NOV 18, DEC 18, JAN 19, FEB 19, MAR 19, APR 19, MAY 19, JUN 19, JUL 19, AUG 19, SEP 19, OCT 19, NOV 19, DEC 19, JAN 20, FEB 20, MAR 20, APR 20, MAY 20, JUN 20, JUL 20, AUG 20, SEP 20, OCT 20, NOV 20, DEC 20, JAN 21, FEB 21, MAR 21, APR 21, MAY 21, JUN 21, JUL 21, AUG 21, SEP 21, OCT 21, NOV 21, DEC 21, JAN 22, FEB 22, MAR 22, APR 22, MAY 22, JUN 22, JUL 22, AUG 22, 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ELECTRICITY

COUNTRIES	POPULAR SHAPES BASELOAD	POPULAR SHAPES PEAKLOAD
1) GFAT Austria	8) Austria Baseload	15) Germany Peakload
2) GFBE Belgium	9) Belgium Baseload	16) Peak WD 3+4+5
3) GFFR France	10) Germany Baseload	
4) GFDE Germany	11) France Baseload	
5) GFNL Holland	12) Holland Baseload	
6) GFCH Switzerland	13) Switzerland Baseload	
7) GFUK UK	14) UK Baseload	

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Description	Bid	Ask	Time
1) Spot D2	15.80	16.00	11:59
2) Year 05	16.00	16.20	11:59
3) Year 06	16.05	16.25	11:59
4) Year 07	16.15	16.35	11:59

Carbon/EU Allowances (First EU Compliance Period)

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Headlines for: Electric Utility Outages (VOLTOUT)

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1) BN 14:52 U.K. Electricity Prices Rise on Cold Weather, Plant Outages

2) BN 14:03 FPL Reduces Turkey Point 4 Reactor Output for Valve Testing

3) BN 13:50 Progress Confirms Brunswick 2 Nuclear Reactor Output at 87%

4) BN 13:36 FPL's Turkey Point 4 Reactor Production Falls to 60%, NRC Says

5) BN 13:34 Exelon's Limerick 2 Nuclear-Power Plant Output Cut, NRC Says

6) BN 13:29 Crystal River 3 Nuclear Plant Operating at Capacity, NRC Says

7) BN 13:24 Brunswick 2 Nuke Station Production Rises to 87% of Full Power

8) BN 13:20 Point Beach 2 Nuclear Reactor Output Boosted to 98% of Capacity

9) BN 13:15 *POINT BEACH 2 NUCLEAR-POWER PRODUCTION AT 98%, NRC SAYS

10) BN 13:15 *CRYSTAL RIVER 3 NUCLEAR-POWER PRODUCTION AT 100%, NRC SAYS

11) BN 13:15 *BRUNSWICK 2 NUCLEAR-POWER PRODUCTION AT 87%, NRC SAYS

12) BN 13:15 *LIMERICK 2 NUCLEAR-POWER PRODUCTION AT 62%, NRC SAYS

13) BN 13:15 *TURKEY POINT 4 NUCLEAR-POWER PRODUCTION AT 60%, NRC SAYS

14) BN 13:13 U.S. Nuclear-Power Plants Running at 79.6% of Capacity, NRC Says

15) BN 13:13 Nuclear Regulatory Commission Daily Power Plant Status Report

16) CRL 10:01 NORD POOL UPDATE: NORDIC POWER MARKET OPERATIONS (DK1)

17) CRL 10:00 NORD POOL UPDATE: NORDIC POWER MARKET OPERATIONS (MUSSALO 2)

18) CRL 9:13 NORD POOL UPDATE: NORDIC POWER MARKET OPERATIONS (AKKATS)

19) CRL 8:52 NORD POOL UPDATE: NORDIC POWER MARKET OPERATIONS (ELSAM)

20) BN 8:43 Electricite de France Restarts 3 Reactors, Boosts Power Supply

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Summary

- Information is power....
- One System!
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