ICIS

Heren European Spot Gas Markets

Energy Prices | News | Analysis

NBP DAY-AHEAD MIDPOINT 2 JULY 2012	
NBP, p/th	56.600

HEREN® MONTHLY INDICES JULY 12	
NBP, p/th	54.540
Zeebrugge, p/th	55.182
TTF, €/MWh	23.541
PEG Nord, €/MWh	23.921
NCG, €/MWh	23.794
GASPOOL, €/MWh	23.696
CEGH, €/MWh	25.952

HEREN® MONTHLY CUMULATIVE INDICES AUGUST 12	
NBP, p/th	55.901
Zeebrugge, p/th	56.429
TTF, €/MWh	24.043
PEG Nord, €/MWh	24.350
NCG, €/MWh	24.234
GASPOOL, €/MWh	24.100
CEGH, €/MWh	25.640

HEREN® DAILY INDICES 2 JULY 2012	
NBP Within-day, p/th	56.846
NBP D-1, p/th	56.724
Zeebrugge D-1, p/th	57.187
TTF D-1, €/MWh	24.263
PEG Nord D-1, €/MWh	24.482
PEG Sud D-1, €MWh	26.852
NCG D-1, €/MWh	24.400
GASPOOL D-1, €/MWh	24.297
CEGH D-1, €/MWh	25.731

HEREN® DAILY MONTH AHEAD INDICES 2 JULY 2012	
NBP, p/th	55.901
Zeebrugge, p/th	56.429
TTF, €/MWh	24.043
NCG, €/MWh	24.234

BP mulls involvement in future Nord Stream projects

BP is potentially interested in partnering with Russia's Gazprom in future extended strings of the Nord Stream pipeline that could beach natural gas in the UK, ICIS understands.

Following similar comments made by Gazprom's CEO Alexey Miller at the end of last week, a source close to the matter said BP was considering importing Russian gas into western European markets, including the NBP, via new sub-sea routes.

A spokesman for BP refused to be pushed on the subject, stating only that the company continually looked at opportunities globally and considered each project on its own merits.

The Nord Stream consortium, which also includes Wintershall, E.ON Ruhrgas, Gasunie and GDF SUEZ, is currently holding a feasibility study – which should be ready by the end of the year – on building third and fourth strings of Nord Stream (*see ESGM 11 May 2012*). But this study only covers a sub-Baltic pipe that runs from Russia to Germany, although not necessarily between the existing beaching points of Vyborg and Greifswald.

And were BP to become involved in the future delivery of sub-sea gas from Russia, it is unlikely it would be able to partner with any project based within Russian territories. For the company to join a Russian project independently of its BP-TNK venture, BP needs agreement from the TNK side of the partnership.

But ICIS understands a waiver on the matter by TNK shareholders AAR has already been refused.

Of the waiver refusal from AAR, the BP spokesman would not comment on specifics and would only say that "the company honours all its agreements". This would suggest that BP could only become a partner in a Nord Stream annex project that would run from the German landing point and then onward towards the UK.

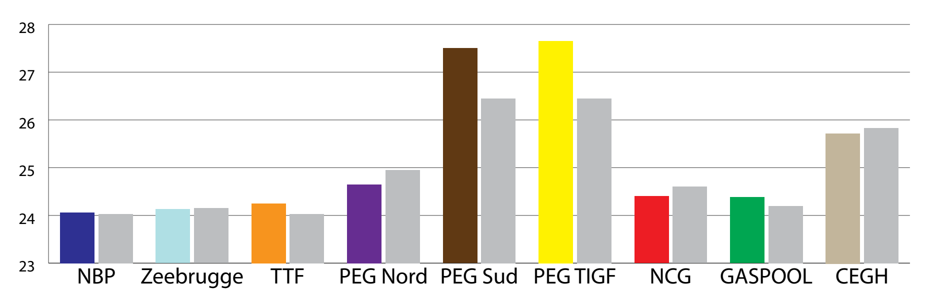
Any new strings of Nord Stream are expected to have an annual throughput of 27.5 billion cubic metres, the same as the first two interconnectors.

> "Any new strings of Nord Stream are expected to have throughput of 27.5Gm³/year"

As with the first two strings, Gazprom is expected to sign ship-or-pay contracts with the consortium for 100% of the capacity, retaining complete control and flexibility over how much gas it would ship through the third and fourth strings.

This would make financing of the project attractive, since the Nord Stream consortium could show would-be investors, such as BP, that it will receive transit payment whether or not any gas is actually shipped. **TMM**

EUROPEAN DAY-AHEAD GAS PRICES: DAY-AHEAD vs PREVIOUS DAY €/MWh



BRITAIN

Curve corrects lower; flows in new quarter show no change

Longer-dated natural gas contracts in Britain weakened on Monday as the market corrected itself following strong gains during the latter part of the previous week. Balance-of-summer products defied the bearishness, supported by ongoing maintenance.

Predicted closing linepack started the day almost 18Mm³/day short, although a ramp-up in flows through the Bacton Shell sub-terminal, as well as withdrawals from the Holford mid-range storage facility helped move the system to closer to balance. This increase in imports was countered, however, by BBL volumes from the Netherlands dropping to zero during the morning, having previously been at a rate of around 17Mm³/day, National Grid data show.

Dragon send-out increased to a rate of about 9Mm³/day having previously been at zero. The LNG terminal is expected to receive the *Seri Angkasa* on 6 July, the same day as the other Milford Haven terminal should see the *Bu Samra* berth.

Several LNG sources said that with prices and demand dropping dramatically in north-east Asia, the seller of the cargo was likely to use the volumes to supply buyers in Europe, despite premiums in the region not being that attractive.

Within-day was trading at a premium to Day-ahead for the majority of the session, with both contracts ticking lower into the afternoon.

Tuesday demand was predicted by National Grid to hold relatively steady to predicted consumption on Monday, which the grid operator expected to reach 185Mm³.

Day-ahead opened at 57.00p/th up 0.125p/th from Friday's close. The support did not last long, however, and by 16:30 hours London time Day-ahead was valued in a choice market at 56.60p/th down 0.275p/th.

On the first day of the new quarter, summer contracts continued to trade in line with where they had been assessed during the previous session. August '12 – on its first day trading as front month – closed at 55.725p/th, up just 0.05p/th.

Participants said the ongoing North Sea maintenance kept the remaining summer contracts from weakening.

Despite the onset of a new quarter, sources said they did not seen any noticeable changes to overall gas flows from Norway that would have been impacted by buyers changing their nominations under oil-indexed long-term contracts.

In fact, according to some, the lack of a decrease in North Sea output came as something of a surprise. Output from Russia into mainland Europe, meanwhile, was said to have increased a touch, although sources had been anticipating this.

Far-curve contracts were trading lower on Monday than where they had been valued at the end of the previous session.

The weakness of front-month Brent crude was in part providing the pressure to longer-dated gas, sources said, although there was downward pressure following last week's rally.

"The curve's move up [last week] was a little overdone, so we have seen something of a correction," one source said. The trader added that on Friday in particular some counterparties had been stopped out of positions.

Other sources also predicted that following the notable gains last week there would be some support to the back end of the natural gas curve in the coming sessions from technical traders.

National Grid said on Monday it would begin this week to publish operational data relating to the Hill Top Farm storage facility, which is the extension of EDF's Hole House Farm. **TMM**

» Trades

UK SPARK SPREADS FOR 49.13% FUEL EFFICIENCY 2 JULY 2012

Period	NBP Gas price p/th	NBP Gas price £/MWh	Power price £/MWh	Spark spread £/MWh	Spark Diff (D-1) £/MWh
Day-ahead	56.724	19.36	43.10	3.70	0.13
August '12	55.725	19.01	42.30	3.60	-0.13
September '12	56.725	19.36	43.00	3.60	n/a
Q4 '12	62.550	21.34	46.85	3.41	0.06
Q1 '13	66.750	22.78	49.35	2.99	n/a
Winter 12	64.650	22.06	48.10	3.20	0.02
Summer 13	58.250	19.88	47.05	6.59	-0.10
Winter 13	66.150	22.57	51.65	5.71	0.07
Summer 14	58.700	20.03	49.65	8.88	0.04
Winter 14	66.150	22.57	53.70	7.76	-0.05

NBP PRICE ASSESSMENT 2 JULY 2012 p/th

Period	Bid	Offer	Diff	Volatility index
Day-ahead	56.575	56.625	-0.275	26.2%
Weekend	56.000*	56.500*	-0.100	19.0%
WDNW	56.400	56.700	0.250	14.1%
BOM	56.200	56.400	0.300	n/a
August '12	55.650	55.800	0.050	13.8%
September	56.650	56.800	0.025	13.4%
October '12	58.250	58.450	-0.250	15.3%
November '12	63.200*	63.400*	-0.350	14.3%
December '12	65.900*	66.100*	0.000	< 20 days
January '13	67.550*	68.050*	0.000	< 20 days
Q4 '12	62.450	62.650	-0.300	14.2%
Q1 '13	66.650	66.850	-0.200	15.8%
Q2 '13	58.250*	58.450*	-0.150	14.2%
Q3 '13	58.050*	58.250*	-0.150	14.3%
Q4 '13	63.350*	63.550*	-0.100	13.1%
Q1 '14	68.750*	68.950*	-0.100	12.1%
Q2 '14	58.325*	58.525*	-0.350	14.2%
Q3 '14	58.875*	59.075*	-0.350	14.1%
Q4 '14	63.875*	64.375*	0.000	12.3%
Q1 '15	67.925*	68.425*	0.000	11.6%
Q2 '15	58.500*	59.000*	0.000	< 20 days
Gas Year 12	61.350*	61.550*	-0.200	14.6%
Gas Year 13	62.325*	62.525*	-0.225	13.1%
Year 2013	61.575*	61.775*	-0.150	14.2%
Year 2014	62.450*	62.725*	-0.200	13.0%
Winter 12	64.550	64.750	-0.250	14.9%
Summer 13	58.150	58.350	-0.150	14.3%
Winter 13	66.050	66.250	-0.100	12.6%
Summer 14	58.600	58.800	-0.350	14.2%
Winter 14	65.900*	66.400*	0.000	12.0%
Summer 15	58.450*	58.950*	-0.350	14.0%
Winter 15	65.700*	66.200*	0.000	12.0%
Summer 16	58.250*	58.750*	-0.400	14.2%
Winter 16	66.000*	66.500*	0.200	11.9%
Summer 17	58.900*	59.400*	0.050	13.9%

*Indicative bid/offers

HEREN® NBP DAY-AHEAD INDEX

	3 July	Previous	July Cumul.
Price, p/th	56.724	56.334	56.724
No. of trades	292	183	292
Volume, m th	31.440	21.975	31.440

HEREN® NBP WITHIN-DAY INDEX

	2 July	Previous	July Cumul.
Price, p/th	56.846	55.692	56.846
No. of trades	280	117	280
Volume, m th	29.775	15.120	29.775

BELGIUM

Day-ahead and curve decline on oil and market correction

With the exception of the Day-ahead contract, natural gas prompt prices moved up at Zeebrugge, as a reasonably healthy supply outlook was counterbalanced by expectations of higher demand in the coming days.

Zeebrugge tended to move in line with its major counterpart, the NBP, where the WDNW and BOM contracts ticked higher in spite of the losses of both the Day-ahead product and the curve.

The Belgian spot benchmark outright contract lost 0.425p/th session on session, while the value of its basis halved session on session, settling at 0.15p/th. This led to a decrease of nominations for Tuesday through the bidirectional Interconnector pipeline, when compared to within-day nominations.

> Day-ahead basis halved session on session leading to low IUK Day-ahead nominations

At 18:00 London time IUK showed Day-ahead nominations stood at 19.8Mm³ while at the same time within-day nominations totalled 29.1Mm³.

Norwegian gas flows to Belgium were high, as at 18:20 London time the Zeepipe was transporting gas at a rate of 30.8Mm³/day, data from Norway's operator GASSCO showed.

The August '12 basis, which traded for the first session as the front-month product, settled at 0.50p/th – 0.20p/th lower session on session – and the August '12 outright product closed at 56.225p/th, losing 0.15p/th when compared to Friday's settlement.

The decreasing value of the near-curve was caused by the falling trend of the Brent crude front-month product and by a correctional move of the market after Friday's gains. **DB**

» Trades

ZEEBRUGGE PRICE ASSESSMENT 2 JULY 2012 p/th

Period	Bid	Offer	Diff	Basis
Day-ahead	56.675	56.825	-0.425	0.150
Weekend	56.750*	57.250*	0.900	0.750
WDNW	56.750*	57.050*	0.150	0.350
BOM	56.675	56.875	0.200	0.475
August '12	56.150	56.300	-0.150	0.500
September	56.950	57.100	-0.200	0.300
October '12	58.650	58.850	0.000	0.400
Q4 '12	61.725	61.925	-0.325	-0.725
Q1 '13	64.975*	65.175*	-0.175	-1.675
Q2 '13	59.000*	59.200*	-0.125	0.750
Q3 '13	58.700*	58.900*	-0.225	0.650
Q4 '13	62.475*	62.675*	-0.400	-0.875
Q1 '14	66.775*	66.975*	0.000	-1.975
Gas Year 12	61.100*	61.300*	-0.225	-0.250
Year 2013	61.300*	61.500*	-0.225	-0.275
Winter 12	63.350	63.550	-0.250	-1.200
Summer 13	58.850	59.050	-0.175	0.700
Winter 13	64.625	64.825	-0.100	-1.425

*Indicative bid/offers

HEREN® ZEEBRUGGE DAY-AHEAD INDEX

	3 July	Previous	July Cumul.
Price, p/th	57.187	56.731	57.187
No. of trades	53	46	53
Volume, m th	5.915	6.720	5.915

NETHERLANDS

Supply concerns give bullish push to TTF prompt and curve

Supply concerns pushed TTF contracts up on Monday as the continued cut to Norwegian flows caused a rally on the prompt while the curve rose on the back of Brent crude prices.

The Day-head opened strongly and continued its ascent, achieving an intra-day high of €24.40/MWh before coming off towards the end of the day to settle at €24.25/MWh. The drop was linked to the market correcting down from the previous session's highs, which traders believed had been over done. Supply concerns linked to the continued offshore workers strike in Norway, and the impending Kollsnes maintenance on 5 July, provided a counter to the correction.

> I think people are using it as a hook to hang a bullish hat on

However, not everyone believed that the prompt's strength was coming from the maintenance. "I think people are using it as a hook to hang a bullish hat on," one shipper said.

Suggestions that the start of Q3 '12 would herald in a reduction in Norwegian flows were not yet evident. According to data from Norwegian transmission system operator GASSCO, flows were around the 280 million cubic metre per day mark around an hour before the close. "Now with the strike on-going and the maintenance, I am not seeing any fields shutting down or a cut in field production," another source said. "Instead, I expect the Day-ahead to continue trading at these levels until we know what the impact of Kollsnes going out will be and how long the strike is going to last."

The curve opened strong but came off initially on the back of weak economic data out the US. But this bearish pressure was short-lived and the curve responded to concerns over supply restrictions in the Middle East. As a result, there was minimal movement on the curve with one move cancelling out the other. **KA**

» Trades

TTF PRICE ASSESSMENT 2 JULY 2012 €/MWh

Period	Bid	Offer	Diff
Day-ahead	24.225	24.275	0.225
Weekend	23.350*	23.850*	0.150
WDNW	23.975*	24.475*	0.150
BOM	24.150	24.350	0.262
August '12	24.000	24.075	0.113
September	24.200	24.250	0.025
October '12	24.750	24.800	0.000
Q4 '12	26.050	26.100	0.088
Q1 '13	26.950	27.000	0.113
Q2 '13	24.600*	24.700*	0.075
Q3 '13	24.600*	24.700*	0.075
Q4 '13	26.450*	26.600*	0.175
Q1 '14	27.250*	27.300*	0.000
Gas Year 12	25.550*	25.625*	0.087
Year 2013	25.650	25.750	0.100
Year 2014	25.700	25.800	0.087
Year 2015	25.650	25.800	0.163
Year 2016	25.475	25.775	0.125
Winter 12	26.500	26.550	0.100
Summer 13	24.600	24.700	0.075
Winter 13	26.850	26.950	-0.025
Summer 14	24.600	24.750	0.075
Winter 14	26.700*	27.100*	0.025
Summer 15	24.350*	24.750*	0.150

*Indicative bid/offers

HEREN® TTF DAY-AHEAD INDEX

	3 July	Previous	July Cumul.
Price, €/MWh	24.263	23.993	24.263
No. of trades	301	270	301
Volume, MWh	776,880	718,920	776,880

GERMANY/AUSTRIA/ITALY/CZECH REPUBLIC

NCG spot softens despite drop in flows; minor gains on curve

The NCG Day-ahead and Weekend natural gas contracts lost value on Monday while the rest of the prompt and curve posted slight gains amid unchanged market fundamentals.

While temperatures have decreased slightly, WSI still predicts conditions to hover about 2–4°C above normal across Germany until this weekend. This has dampened demand on Monday in a session of low liquidity.

NCG Day-ahead tumbled by €0.20/MWh to close at €24.40/MWh. It is now assessed almost flat to its GASPOOL equivalent following an appreciation in the spot product's value at the north-German hub.

In its first session as the front quarter, NCG Q4 '12 only registered a single deal and was assessed at €26.30/MWh by ICIS. The new front-month – NCG August '12 – outturned at €24.20/MWh.

Despite data from GTS showing a day-on-day drop in flows to Germany, there was little sign of the system coming under pressure. About 5Mm³/day was flowing to Germany from the Netherlands at 16:00 hours London time. This represented a sharp decline from the 9Mm³/day east-bound flows on Sunday.

The drop in flows had a limited influence on the hubs, failing to entice shippers to withdraw gas from storage to cover the shortfall. According to latest data from Gas Storage Europe, injections remained the sole focus of German capacity holders. On Sunday, 58Mm³ was sent to storage, with small withdrawals last recorded on 28 June.

Following a bullish move at the TTF, the NCG's spot premium over its Dutch peer has narrowed to just €0.15/MWh.

Baumgarten's Day-ahead premium to NCG dipped to €1.325/MWh by Monday's close. The premium had averaged €2.33/MWh in June, substantially higher than the previous year.

ICIS data showed a 37% fall in traded volume on the Austrian Day-ahead contract during June when compared with the previous year, which could in part explain the comparatively wider premium. **JE/EC**

» Trades

NCG PRICE ASSESSMENT 2 JULY 2012 €/MWh

Period	Bid	Offer	Diff
Day-ahead	24.375	24.425	-0.200
Weekend	23.850*	24.300*	-0.225
WDNW	24.150*	24.400*	0.225
BOM	24.300*	24.500*	0.188
August '12	24.150	24.250	0.037
September '12	24.350	24.475	0.038
October '12	24.900	25.000	0.000
Q4 '12	26.250	26.350	0.150
Q1 '13	26.950*	27.050*	0.025
Q2 '13	24.650*	24.800*	0.375
Q3 '13	24.850*	25.000*	0.000
Year 2013	25.775	25.875	0.087
Year 2014	25.750*	26.050*	0.050
Winter 12	26.600	26.700	0.087
Summer 13	24.750	24.900	0.075
Winter 13	27.000	27.200	0.025
Summer 14	24.725*	24.925*	0.000
Winter 14	26.800*	27.300*	-0.087

*Indicative bid/offers

HEREN® NCG DAY-AHEAD INDEX

	3 July	Previous	July Cumul.
Price, €/MWh	24.400	24.211	24.400
No. of trades	235	230	235
Volume, MWh	520,680	578,400	520,680

GASPOOL PRICE ASSESSMENT 2 JULY 2012 €/MWh

Period	Bid	Offer	Diff
Day-ahead	24.300	24.450	0.175
August '12	24.050	24.150	0.050
September '12	24.250	24.400	-0.025
October '12	24.775*	25.050*	0.000
Q4 '12	26.100*	26.300*	0.100
Q1 '13	26.800*	26.900*	0.125
Q2 '13	24.650*	24.850*	0.400
Q3 '13	24.900*	25.000*	0.000
Winter 12	26.450	26.600	0.112
Summer 13	24.775	24.925	0.025
Winter 13	26.800	27.100	0.013
Summer 14	24.750*	25.025*	-0.012

*Indicative bid/offers

HEREN® GASPOOL DAY-AHEAD INDEX

	3 July	Previous	July Cumul.
Price, €/MWh	24.297	24.041	24.297
No. of trades	99	70	99
Volume, MWh	176,280	132,240	176,280

CEGH PRICE ASSESSMENT 2 JULY 2012 €/MWh

Period	Bid	Offer	Diff
Day-ahead	25.550*	25.900*	-0.100
August '12	25.500*	25.700*	0.000
Winter 12	27.250*	27.550*	0.100

*Indicative bid/offers

HEREN® CEGH DAY-AHEAD INDEX

	3 July	Previous	July Cumul.
Price, €/MWh	25.731	25.800	25.731
No. of trades	38	34	38
Volume, MWh	57,360	35,280	57,360

PSV PRICE ASSESSMENT 2 JULY 2012 €/MWh

Period	Bid	Offer	Diff
Day-ahead	26.750	27.150	-0.400
August '12	25.950*	26.450*	-0.150
September '12	26.650*	27.150*	0.000
Gas Year 12	28.750*	29.250*	0.150
Winter 12	29.850*	30.350*	0.100

*Indicative bid/offers

CZECH REPUBLIC PRICE ASSESSMENT 2 JULY 2012 €/MWh

Period	Bid	Offer	Diff
August '12	24.200*	24.700*	0.000
Q4 '12	26.200*	26.700*	0.175
Q1 '13	26.900*	27.400*	0.000
Year 2013	25.700*	26.200*	0.125

*Indicative bid/offers

» German trades » Austrian trades » Italian trades

GERMAN SPARK SPREADS 2 JULY 2012

Period	TTF €/MWh	Power price €/MWh	Spark spread €/MWh	Spark Diff (D-1) €/MWh
Day-ahead	24.26	47.27	-2.11	-0.81
August '12	24.04	38.00	-10.93	n/a
Q4 '12	26.08	48.95	-4.12	n/a
Year 2013	25.70	48.35	-3.96	-0.65

FRANCE AND SPAIN

PEG Sud premium up on LNG concerns and Spanish demand

The PEG Nord prompt shed value on Monday on the back of expectations of slightly lower natural gas demand in the region.

GRTgaz forecast demand to decrease by 1.7Mm³ in France's northern balancing zone on Tuesday. This led to a €0.30/MWh decrease of the Day-ahead contract, which closed at €24.65/MWh.

Its twin at PEG Sud closed with a premium of €2.85/MWh. This led the contract to a gain of €1.05/MWh session on session. The PEG Sud Day-ahead premium widened significantly as it stood at €1.50/MWh on Friday. This was partly caused by capacity reductions at the north-south link, with GRTgaz forecasting interruptible transport capacity to be reduced by 66% in the north-to-south direction on Tuesday.

According to a market source, however, the gains were also caused by other – more permanent factors – such as the diversion to Asian markets of LNG cargoes originally destined for PEG Sud and a high level of Spanish gas demand.

No trades were reported for the August '12 contract at PEG Sud, which was assessed with a €2.25/MWh premium to its northern equivalent. This indicated that in spite of the changed maintenance plan by GRTgaz on the north-south link, market players are still factoring in PEG Sud's strong dependence on pipe gas from PEG Nord in the next months.

One LNG vessel reached the Fos terminal on Monday and five more are expected to berth at PEG Sud terminals by the end of July, while two vessels will reach Montoir, in northern France, on 10 and 27 July, according to terminal data. **DB**

» Trades

PEG NORD PRICE ASSESSMENT 2 JULY 2012 (€/MWh)

Period	Bid	Offer	Diff
Day-ahead	24.550	24.750	-0.300
August '12	24.250	24.450	0.000
Q4 '12	26.350	26.650	0.000
Winter 12	26.700	27.100	0.050

*Indicative bid/offers

PEG SUD PRICE ASSESSMENT 2 JULY 2012 (€/MWh)

Period	Bid	Offer	Diff
Day-ahead	27.350	27.650	1.050
August '12	26.350*	26.850*	0.000

*Indicative bid/offers

PEG TIGF PRICE ASSESSMENT 2 JULY 2012 (€/MWh)

Period	Bid	Offer	Diff
Day-ahead	27.450*	27.850*	1.200

*Indicative bid/offers

HEREN® PEG NORD DAY-AHEAD INDEX

	3 July	Previous	July Cumul.
Price, €/MWh	24.482	24.429	24.482
No. of trades	114	139	114
Volume, MWh	199,410	203,875	199,410

HEREN® PEG SUD DAY-AHEAD INDEX

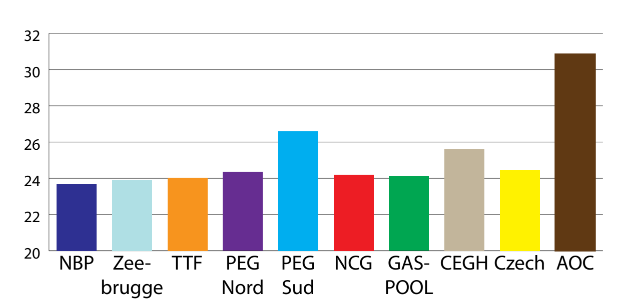
	3 July	Previous	July Cumul.
Price, €/MWh	26.852	26.616	26.852
No. of trades	37	34	37
Volume, MWh	46,400	41,315	46,400

AOC PRICE ASSESSMENT 2 JULY 2012 (€/MWh)

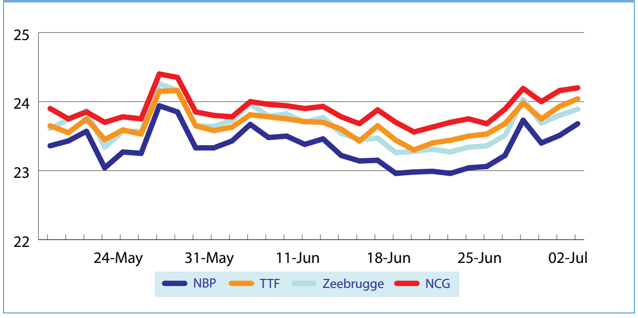
Period	Bid	Offer	Diff
August '12	30.600*	31.100*	0.000

Across the Markets

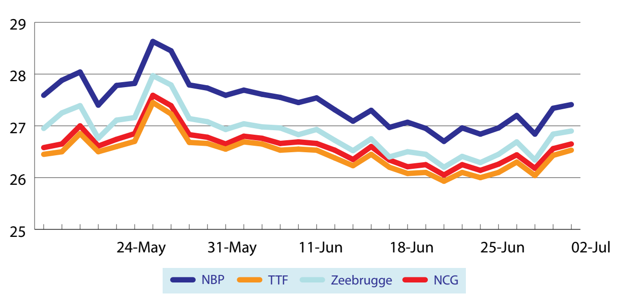
MONTH-AHEAD PRICE ASSESSMENT SNAPSHOT: 2 JULY 2012 €/MWh



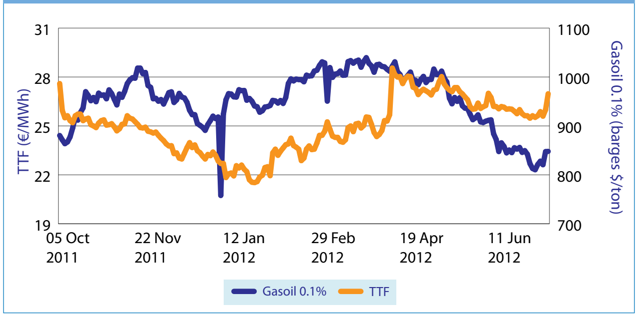
MONTH-AHEAD PRICE ASSESSMENT (PAST 30 DAYS) €/MWh



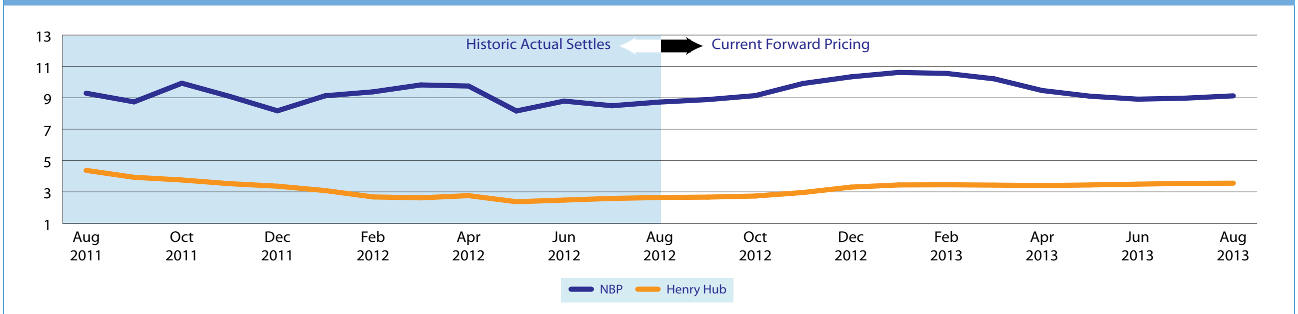
FRONT SEASON PRICE ASSESSMENT (PAST 30 DAYS) €/MWh



TTF QUARTER+2 vs GAS OIL 0.1%



US vs UK FRONT MONTH $/MMBtu



Data sourced from ICIS, ICIS Pricing, ICE and NYMEX

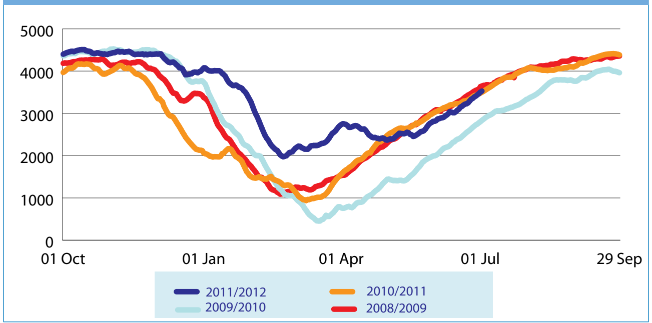
CONTINENTAL PRICE ASSESSMENTS 2 JULY 2012 €/MWh

	Zeebrugge			TTF			NBP		
Period	**Bid**	**Offer**	**Diff**	**Bid**	**Offer**	**Diff**	**Bid**	**Offer**	**Diff**
Day-ahead	24.095	24.159	-0.025	24.225	24.275	0.225	24.052	24.074	0.038
Weekend	24.124*	24.336*	0.532	23.350*	23.850*	0.150	23.805*	24.018*	0.108
WDNW	24.122*	24.250*	0.213	23.975*	24.475*	0.150	23.973	24.101	0.255
BOM	24.088	24.173	0.233	24.150	24.350	0.262	23.886	23.971	0.274
August '12	23.856	23.920	0.084	24.000	24.075	0.113	23.644	23.707	0.167
September '12	24.185	24.249	0.064	24.200	24.250	0.025	24.058	24.122	0.158
October '12	24.897	24.981	1.018	24.750	24.800	0.000	24.727	24.812	0.046
Q4 '12	26.190	26.275	0.025	26.050	26.100	0.088	26.497	26.582	0.037
Q1 '13	27.525*	27.609*	0.096	26.950	27.000	0.113	28.234	28.319	0.090
Q2 '13	24.954*	25.039*	0.101	24.600*	24.700*	0.075	24.637*	24.722*	0.089
Q3 '13	24.790*	24.875*	0.059	24.600*	24.700*	0.075	24.516*	24.600*	0.089
Q4 '13	26.343*	26.428*	-0.005	26.450*	26.600*	0.175	26.712*	26.797*	0.123
Q1 '14	28.111*	28.196*	1.561	27.250*	27.300*	0.000	28.943*	29.027*	0.133
Gas Year 12	25.863*	25.948*	0.065	25.550*	25.625*	0.087	25.969*	26.054*	0.076
Year 2013	25.908*	25.992*	0.066	25.650	25.750	0.100	26.024*	26.108*	0.098
Year 2014	n/a	n/a	n/a	25.700	25.800	0.087	26.233*	26.348*	0.073
Year 2015	n/a	n/a	n/a	25.650	25.800	0.163	n/a	n/a	n/a
Year 2016	n/a	n/a	n/a	25.475	25.775	0.125	n/a	n/a	n/a
Winter 12	26.858	26.943	0.060	26.500	26.550	0.100	27.367	27.452	0.063
Summer 13	24.872	24.957	0.080	24.600	24.700	0.075	24.576	24.661	0.089
Winter 13	27.228	27.313	0.124	26.850	26.950	-0.025	27.829	27.913	0.128
Summer 14	n/a	n/a	n/a	24.600	24.750	0.075	24.616	24.700	0.001
Winter 14	n/a	n/a	n/a	26.700*	27.100*	0.025	27.604*	27.813*	0.158
Summer 15	n/a	n/a	n/a	24.350*	24.750*	0.150	24.422*	24.631*	-0.015

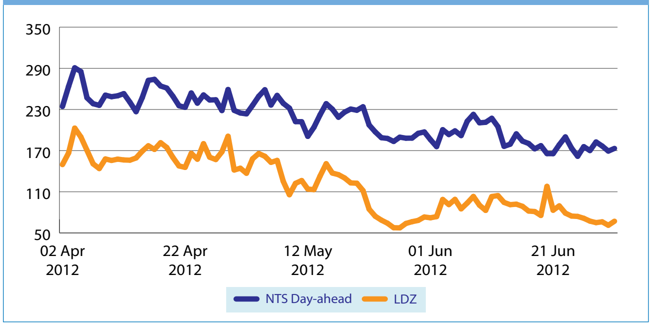
Supply/Demand Data

Free trial to European Spot Gas Markets

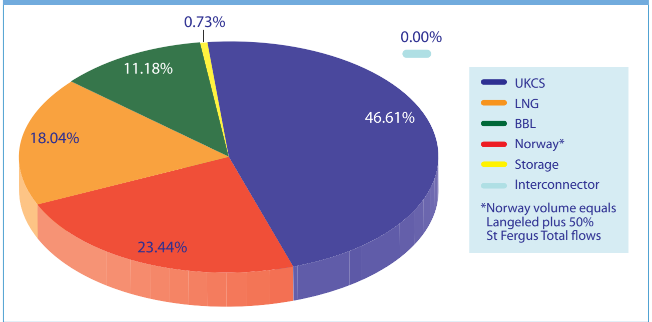
UK STORAGE — Mm³



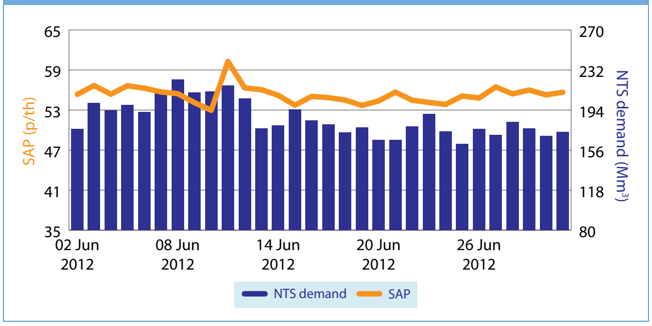
UK LDZ AND NTS DEMAND — Mm³



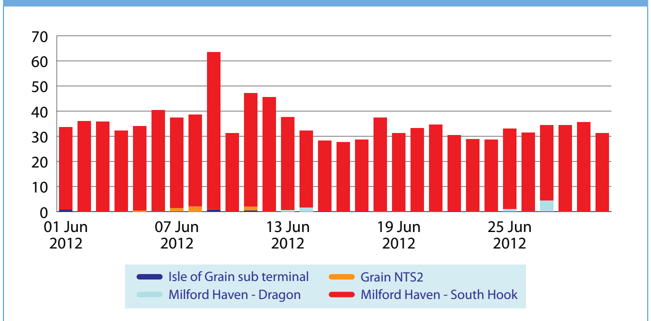
SOURCES OF UK SUPPLY: 30 JUNE 2012 — %



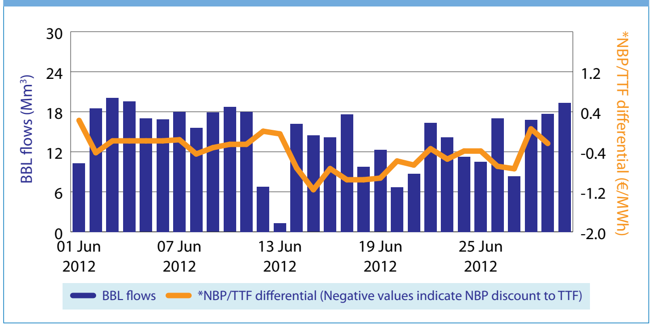
OCM SAP vs NTS DEMAND



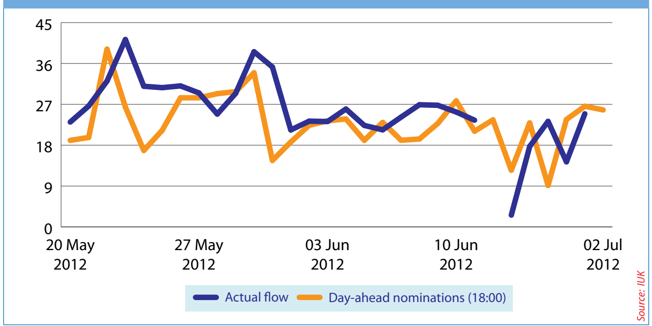
LNG END OF DAY FLOWS — Mm³



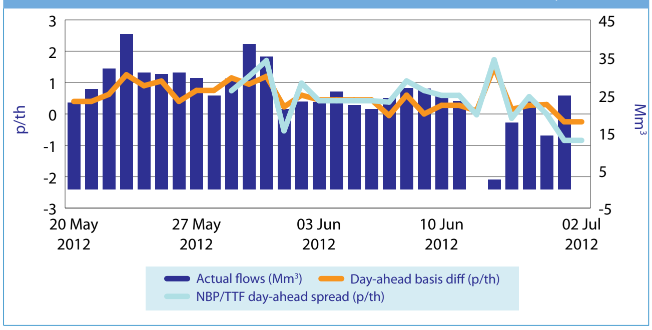
BBL FLOWS vs PROMPT NBP/TTF DIFFERENTIAL



INTERCONNECTOR FLOWS vs IUK SHIPPER NOMINATIONS — Mm³



PROMPT BASIS vs INTERCONNECTOR FLOWS — p/th, Mm³



Data sourced from ICIS, National Grid, APX and Interconnector UK

Irish regulator announces plans for tariffing reform

The Republic of Ireland's energy regulator, the Commission for Energy Regulation (CER) has announced plans to reform its tariffing arrangements for natural gas interconnectors by 1 October 2014.

The Irish watchdog published a decision paper on its recommendations for the regulatory treatment of its two Bord Gáis Energy-owned interconnectors to Britain on Friday.

The paper concludes that the current transmission entry tariffing regime needs reform in light of new sources of gas coming on stream.

Alternative supply sources, such as gas from the Corrib and Kinsale gas fields and the proposed Shannon LNG terminal, will lead to a significant drop in gas flows through the interconnectors, CER said.

Such a reduction necessitates a significant increase in the interconnector entry tariff, pushing up the wholesale gas price for Irish companies and end-users. Typically, wholesale gas prices in Ireland are determined by the NBP price plus the cost of transporting gas to Ireland.

Current distinctions between offshore and onshore assets for tariff setting purposes will cease, CER said. The entry points into the Irish system – previously at Gormanston in County Meath, where the two interconnectors beach – will instead be located at Moffat on the British side.

Tariffs at each entry point will be set separately on a long-run marginal cost (LRMC) basis from October 2014, rather than the historic cost methodology currently in place. The regulator said LRMC is a modern approach more appropriate for the Irish gas system and compatible with EU legislation.

The regulator said it had received 19 responses to its decision paper. In general, the majority of respondents gave a guarded welcome to the case for moving to an LRMC-based tariff regime, it said.

Some said they would give a final view on an LRMC methodology only after they had accessed the tariff plan's finer details.

One, Shannon LNG, was vehemently opposed to the proposed tariff regime. Last December, the company, a subsidiary of American Hess LNG, referred to the European Commission its dispute with CER regarding the regulatory treatment of the interconnectors. It said its liability to a tariff on the interconnectors would amount to unlawful state aid (*see ESGM 2 December 2011*).

Shannon LNG has not softened its stance. In response to the paper, the company said: "The net effect... is that CER is proposing that shippers such as Shannon LNG, who do not use the interconnectors, will pay the unrecovered costs of the interconnectors and so cross-subsidise the cost of transporting gas from Scotland to Ireland."

The company reiterated its refusal to cross-subsidise the interconnectors – which it estimates will cost it €85m per annum – and said the decision paper will do nothing to bring regulatory certainty to the market.

The interconnectors – referred to as IC1 and IC2, with a capacity of 17Mm³/day and 23Mm³/day respectively – provide two physical sub-sea connections to the British gas market. They are operated by Irish transmission system operator Gaslink and provide for more than 90% of all of Ireland's gas demand. IC2 also offers a 1Mm³/day off-take facility for the Isle of Man. **JE**

DAILY OIL SUMMARY

The front-month Brent contract opened in negative territory on Monday, pressured by Chinese export data showing orders in June had posted the biggest drop since December. Adding to the bearish export data, HSBC's China manufacturing purchasing managers' index also weakened to 48.20 in June from 48.40 in May, indicating a weakening Chinese economy. By the time European trader's reached their desks, Brent recuperated some of its losses before plummeting to intra-day lows by the late morning. After establishing the lows for the day prices climbed a little in a session of choppy trading. By the mid-afternoon, both Brent and WTI spiked on news that Iran's National Security and Foreign Policy Committee has drafted a bill for the Islamic Republic to block tankers delivering crude via the Strait of Hormuz to countries supporting sanctions against Iran. The European embargo on Iranian exports started on Sunday, 1 July. Adding to the fire, Iran said on Monday that it will be preparing for missile war games in a three-day drill to simulate a counter attack against any nation that may attack its nuclear facilities. However, the spike in prices was short-lived and WTI prices plummeted shortly afterwards to hit an intra-day low. After WTI established its low for the day, both contracts climbed steadily but failed to break-even compared to the previous settlement.

August Brent closed the day down 46 cents/bbl at $97.34/bbl, having traded a range between $95.30/bbl and $97.87/bbl.

August West Texas Intermediate (WTI) closed the day down $1.21/bbl at $83.75/bbl, having traded a range between $82.10/bbl and $85.05/bbl.

FOR THE RECORD

No July price hike in Turkish natural gas tariff

The anticipated hike of the natural gas tariff in July in Turkey has not materialised. A survey by ICIS last week showed market participants were braced for an average 12.05% increase in July, with a knock-on 7.25% expected in electricity prices.

Sources said gas and oil incumbent BOTAŞ requested a 10% increase in the tariff from the government, but the state-owned company will have to wait for an increase in the tariff, which is for independent power producers and not the whole market.

In the survey, market participants pointed to October as the other likely time an increase might be announced.

In April, the Turkish government announced a 20% increase in the gas tariff, which translated into an average hike in electricity costs of 8.2%.

Two-thirds of supply contracts to Italy longer than 20 years

Almost two-thirds of the current long-term supply contracts under which Italy receives its natural gas in 2011 had a length higher than 20 years, data published by energy regulator AEEG last week in its annual report show.

This is broken down as: 34% of contracts longer that 30 years; 9% between 25 and 30 years; and 22% between 20 and 25 years.

Some 21% is imported via contracts between 10 and 20 years, and the remaining 14% lower than 10 years (with contracts shorter than 1 year at 9%).

Considering the remaining period of the contracts instead of their overall length, 25% of them still have at least 20 years to go, 24% between 10 and 20, and 51% less than 10, the regulator said.

The country imported 90% of the gas it needed in 2011, the same level as in 2010, mostly from Algeria and Russia.

Statoil makes 'high impact' find in the North Sea

Norwegian oil and gas producer Statoil said on Monday it had made a "high impact" discovery in the King Lear prospect in the southern part of the Norwegian North Sea. Total gas and condensate volumes there are expected to be 70-200 million barrels of recoverable oil equivalent (boe).

A "high impact" discovery is defined as being above 100 million boe net, or 250 million boe in total.

Statoil is both production licence operator and majority owner, with a share of 77.8% of the discoveries. France's Total holds the remaining 22.2%. Statoil will now evaluate whether to develop the discovery as a stand-alone or as a tie-in to other infrastructure in the area. King Lear lies about 20km north of the Ekofisk field.

Bovanenkovo commissioning is delayed until 22 October

Gazprom will be officially commissioning its major Bovanenkovo field on 22 October, CEO Alexey Miller said at the company's annual general meeting press conference last Friday.

This represents a delay from the originally planned commissioning date of the end of June (*see ESGM 16 May 2012*). It is not clear why the date has been moved.

Bovanenkovo has reserves of 4.9 trillion cubic metres and plateau production is expected to reach 115 billion cubic metres per year (Gm^3/year) with potential for expansion to 140 Gm^3/year. At the Gazprom annual general meeting, Miller said production from Bovanenkovo would completely replace depleting Cenomanian reserves at the old production fields of Urengoy, Yamburg and Medvezhe.

Production at Bovanenkovo will begin in line with the commissioning of the first string of the 1,240km Bovanenkovo-Ukhta transmission pipeline taking gas from the field into Gazprom's main transmission grid.

Work has begun on the second string of Bovanenkovo-Ukhta which should be brought up to full capacity between 2013 and 2015.

Bovanenkovo will be crucial in helping Gazprom meet European export requirements and avoid the European supply problems encountered during the extreme cold in February 2012, when the company had problems meeting increased European demand at a time of high domestic demand.

Gas from Bovanenkovo will eventually be able to enter the Nord Stream pipeline taking Russian gas under the Baltic Sea to Greifswald on the German coast.

However, Gazprom first has to complete the refurbishment of the pipeline from Ukhta to Torzhok. Torzhok links in to the Gryazovets-Vyborg line which connects into Nord Stream. **ES**

Gazprom to keep gas marketing rights in Shtokman

Gazprom will maintain exclusive gas marketing rights in any new agreement made concerning the Shtokman gas field, CEO Alexey Miller said at the company's annual general meeting press conference last Friday.

He said there had been a delay in making changes to the Shtokman consortium agreement but that this should be finalised soon and the documents signed over the next week or so.

Gazprom had planned to make an announcement on changes to the Shtokman project at the St Petersburg Economic Forum towards the end of June (*see ESGM 19 June 2012*) but no statement has been made so far.

Asked whether Shell would be joining the Shtokman project as had been widely expected, Miller would only say the introduction of a new partner was not to be excluded.

The Shtokman field in the Barents Sea has estimated reserves of 3.9 trillion cubic metres, which will probably be developed purely for LNG production rather than LNG and piped gas, as originally intended. The present partners in the consortium are Gazprom 51%, Statoil (24%) and Total (25%).

Miller also said at the conference that involvement on the part of Gazprom in any joint venture based on NOVATEK's Yamal LNG project would only begin after Shtokman was underway. A memorandum of understanding was signed last April relating to a joint venture between the two companies involving Yamal LNG, which is to produce gas at the South Tambey field and export it in the form of LNG. **ES**

FOR THE RECORD

Massive volume of gas found offshore Azerbaijan

An exploration well drilled at the Absheron block in the Caspian Sea, 123km offshore Azerbaijan, has revealed enormous volumes of natural gas, according to the field's operator, Total E&P Absheron.

French oil and gas company Total filed a notice of commercial discovery on behalf of the Socar/Total/GDF SUEZ partnership, estimating field reserves at between 150 billion cubic metres (Gm^3) and 300Gm^3.

"These volumes correspond to about six years of French natural gas consumption," Paris-based GDF SUEZ noted.

Exploration activities in the field are continuing with the drilling of other wells.

Total owns 40% equity of the Absheron licence, with Azerbaijani oil and gas incumbent SOCAR also holding 40% share, and GDF SUEZ 20%.

Jean-Marie Dauger, executive vice president at GDF SUEZ, said the gas discovery was likely to play "an important role in diversifying the energy supply of tomorrow's Europe".

GIPL study awarded

Polish transmission system operator GAZ-SYSTEM and Lithuanian natural gas incumbent Lietuvos Dujos have announced the winner of a tender for the preparation of a feasibility study for the planned pipeline between the two countries.

The Polish arm of German company ILF Consulting Engineers has been selected to carry out the study on behalf of the joint venture, following its tender release in March (*see ESGM 21 March 2012*).

The feasibility study on the Gas Interconnection Poland-Lithuania (GIPL) project will be ready by the first quarter of 2013, according to the companies. The 562km pipeline will have an initial capacity of 2.3 billion cubic metres/year of gas, and is expected to be operational from 2018.

GIPL comprises one element of the Baltic Energy Market Interconnection Plan (BEMIP). The European Commission considers BEMIP an energy infrastructure priority, and will therefore finance 50% of the study's costs.

Nord Pool volumes up 39% year on year

Nord Pool's natural gas traded volumes have increased 39% year on year to 3.44TWh in the first half of 2012, the exchange said on Monday. Day-ahead volumes accounted for 80%, or 2.76TWh of total traded volumes, and were up 16.5% compared with the same six months in 2011.

Exchange Day-ahead prices, which traded on average at €24.22/MWh, were around €0.18/MWh lower than at the NCG and GASPOOL, Nord Pool Spot said. A similar pattern was visible on the OTC market with the NCG Day-ahead price averaging at €0.177/MWh above the exchange price, although at GASPOOL the price was flat, ICIS data showed.

Nord Pool Gas is in discussions with DONG Energy about extending its market maker period on the front month contract, which is due to expire at the end of July.

"We are looking at relaunching the concept later this year," said Nord Pool Gas CEO Jacob Pedersen.

Germany to have new 595MW gas-fired plant

German engineering company Siemens said on Monday it will build a 595MW highly efficient combined cycle gas turbine (CCGT) electricity plant in northern Germany on behalf of Stadtwerke Düsseldorf.

The Lausward plant will be built at Düsseldorf's port on an existing Stadtwerke Düsseldorf power plant site.

The facility also will generate thermal energy for the district heating system. The companies did not disclose when the plant will start generating.

German cartel office approves E.ON's OGE sale

The German cartel office has given the green light to the sale of energy giant E.ON's natural gas transmission system operator (TSO) Open Grid Europe to a consortium of Macquarie European Infrastructure Fund 4, Infinity Investments, British Columbia Investment Management and MEAG MUNICH ERGO Asset Management.

The contract, worth for €3.2bn, was signed in May (*see ESGM 16 May 2012*). The sale is part of E.ON's plan to divest about €15bn worth of assets, which is due to be completed by the end of 2013. Open Grid had been officially set up as an unbundled, independent transmission operator (ITO) in September 2010.

Australian bank Macquarie already bought the only other German TSO to be fully unbundled, Thyssengas, in February 2011.

E.ON's divestments have been driven by heavy losses in recent months.

In the first quarter of 2012, E.ON's net profit dropped by 23% year on year, to €1.88bn. The sales process for Open Grid Europe, which manages the major part of the gas grid in the NCG market zone, was officially launched at the beginning of the year.

In a related development, Germany's electricity capacity could be 3.5GW lower by 2015, data from the country's energy regulator Federal Network Agency (BNetzA) published on Friday show.

The country could lose up to 9.1GW of power capacity by 2015, 2.5GW more than previously estimated, the figures show.

The regulator did not specify the fuel source for the lost capacity in south Germany, but E.ON is understood to be considering shutting down several gas-fired power plants there, having requested a meeting with BNetzA in May, reportedly to discuss plant closures. **SM**

UK Secondary Data

ICE UK NATURAL GAS FUTURES 2 JULY 2012

p/th

Period	Settle p/th	Change p/th	High p/th	Low p/th	Lots	Total m th	Open interest
Aug-12	55.670	0.100	56.44	55.65	3,130	97.03	29,470
Sep-12	56.670	0.120	57.00	56.61	545	16.35	19,935
Oct-12	58.370	0.060	59.00	58.25	575	17.82	27,108
Nov-12	63.350	-0.100	63.45	63.40	160	4.80	18,888
Dec-12	66.100	-0.200	66.30	66.30	70	2.17	21,315
Jan-13	67.920	-0.120					17,503
Feb-13	67.410	-0.080					15,728
Mar-13	65.200	-0.090	65.10	65.10	5	0.16	17,128
Apr-13	60.450	-0.230					9,160
May-13	58.150	-0.300					7,485
Jun-13	56.930	-0.260					7,480
Jul-13	57.340	-0.240					7,445
Aug-13	58.280	-0.250					7,445
Sep-13	58.530	-0.180					7,570
Oct-13	59.600	-0.270					6,320
Nov-13	64.500	-0.220					6,320
Dec-13	67.250	-0.250					6,320
Monthly Total					4,485	138.33	232,620

August Settlement	55.67
August Contract index	55.620
August Weighted Average	55.40
Final July Contract Index	54.393

For further information, contact Jason Pegley on +44 (0)207 065 7743, ICE Futures Europe, Milton Gate, 60 Chiswell Street, London EC1Y 4SA. www.theice.com

Period	Settle p/th	Change p/th	High p/th	Low p/th	Lots	Total m th	Open interest
Q4'12	62.607	-0.080	62.80	62.51	220	20.24	
Q1'13	66.843	-0.097	67.20	66.66	180	16.20	
Q2'13	58.510	-0.263					
Q3'13	58.050	-0.223					
Q4'13	63.783	-0.247					
Q1'14	68.363	-0.224					
Q2'14	58.930	-0.370					
Q3'14	58.433	-0.320					
Q4'14	64.003	-0.220					
Q1'15	68.570	-0.220					
Q2'15	58.857	-0.290					
Q3'15	58.613	-0.350					
Quarterly Total					400	36.44	
WI'12	64.725	-0.088	65.50	64.60	855	155.61	
SU'13	58.280	-0.243	58.50	58.25	230	42.09	
WI'13	66.073	-0.235	66.30	66.00	235	42.77	
SU'14	58.682	-0.345	58.80	58.70	50	9.15	
WI'14	66.287	-0.220					
SU'15	58.735	-0.320					
WI'15	66.302	-0.140					
SU'16	58.600	-0.400					
WI'16	66.302	-0.140					
Yearly Total					1,370	249.62	

APX OCM SMP/SAP REPORT GAS DAY 2 (AS AT 18.00) 2 JULY 2012

Gas Day	SAP p/th	SMP buy p/th	SMP sell p/th	Number of trades flow day	Traded volume th/flow day	WAP p/th	Location/ Physical/ Title
2	56.7700	57.5500	56.0000	47	2,669,000	56.77000	Title

APX OCM SMP/SAP REPORT GAS DAY 29 JUNE 2012 - 1 JULY 2012

p/th

Gas Day	SAP	SMP buy	SMP sell	SAP 7 day	SAP 30 day
29	56.00	56.77	55.23	54.90	55.18
30	55.28	56.05	54.00	55.11	55.28
1	55.66	56.43	54.89	55.28	55.29

On Gas Day 29, there was no gas bought or sold by National Grid. On Gas Day 30, there was a National Grid System Sell of 1,250,000 therms. On Gas Day 1, there was a National Grid System Buy of 662,000 therms

DAY-AHEAD BEACH CAPACITY PRICES 2 JULY 2012

Terminal	Bid p/th	Yearly cumulative
Bacton	0.100	0.100
St Fergus	0.100	0.100
Teesside	0.100	0.100
Theddlethorpe	0.100	0.100
Easington	0.100	0.100

OIL MARKET PRICE ASSESSMENTS (17:29 GMT) 2 JULY 2012

ICE 0 Brent ($/barrel)	95.92		0.69
Gasoil 0.1%S (barges $/ton FOB ARA)	847.00	849.00	0.50
Fuel oil 1%S (barges $/ton FOB ARA)	604.00	608.00	9.00

*Gasoil and fuel oil prices supplied by ICIS pricing

UK Secondary Data

Free trial to European Spot Gas Markets

NATIONAL GRID DAILY CAPACITY SUMMARY, 1 JULY 2012						p / kWh
	Within-Day Firm	Daily Interruptible	Within-Day Firm		Daily Actual Interruptible	
Location	Average price	Average price	Available	Booked	Available	Booked
Bacton	0.0000	0.0000	0	662,320,872	408,667,088	408,667,081
Barrow	0.0000	0.0000	0	0	65,818,402	50,000,000
Easington	0.0000	0.0001	0	725,053,550	735,307,480	735,307,473
Glenmavis	0.0000	0.0000	0	1,000,000	1,700,000	0
Hornsea	0.0000	0.0000	0	125,000,000	231,617,959	215,000,000
Partington	0.0000	0.0000	0	0	1,333,333	0
St. Fergus	0.0000	0.0001	0	342,457,485	371,967,814	371,967,813
Teesside	0.0000	0.0000	0	104,396,065	177,068,250	177,068,246
Theddlethorpe	0.0000	0.0000	0	159,861,420	105,702,625	105,702,621

NATIONAL GRID DAILY CAPACITY SUMMARY, 30 JUNE 2012						p / kWh
	Within-Day Firm	Daily Interruptible	Within-Day Firm		Daily Actual Interruptible	
Location	Average price	Average price	Available	Booked	Available	Booked
Bacton	0.0000	0.0000	0	740,627,972	408,667,088	408,667,080
Barrow	0.0000	0.0000	0	0	65,818,402	50,000,000
Easington	0.0000	0.0001	0	535,053,550	735,307,480	735,307,476
Glenmavis	0.0000	0.0000	0	1,000,000	1,700,000	0
Hornsea	0.0000	0.0000	0	35,000,000	231,617,959	215,000,000
Partington	0.0000	0.0000	0	0	1,333,333	0
St. Fergus	0.0000	0.0001	0	380,207,485	371,967,814	371,967,813
Teesside	0.0000	0.0000	0	114,396,065	177,068,250	177,068,246
Theddlethorpe	0.0000	0.0000	0	149,861,420	105,702,625	105,702,621

NATIONAL GRID DAILY CAPACITY SUMMARY	p / kWh

Transco Daily Capacity Summary data for 29 June is unavailable from National Grid.

APX OCM TRADING FIGURES FOR GAS FLOW DAY 29						
NBP Gas Day 29	No of Trades	WAP p/th	WAP p/kwh	Energy th	Energy kwh	Value
Location	0	0.0000	0.0000	0	0	0
Physical	0	0.0000	0.0000	0	0	0
Title	131	55.8900	1.9071	7,798,000	228,536,766	4,358,518
Daily Total	131	55.8900	1.9071	7,798,000	228,536,766	4,358,518

APX OCM TRADING FIGURES FOR GAS FLOW DAY 30						
NBP Gas Day 30	No of Trades	WAP p/th	WAP p/kwh	Energy th	Energy kwh	Value
Location	0	0.0000	0.0000	0	0	0
Physical	0	0.0000	0.0000	0	0	0
Title	205	55.5300	1.8948	11,377,000	333,426,877	6,317,626
Daily Total	205	55.5300	1.8948	11,377,000	333,426,877	6,317,626

APX OCM TRADING FIGURES FOR GAS FLOW DAY 1						
NBP Gas Day 1	No of Trades	WAP p/th	WAP p/kwh	Energy th	Energy kwh	Value
Location	0	0.0000	0.0000	0	0	0
Physical	0	0.0000	0.0000	0	0	0
Title	222	55.5300	1.8949	14,440,000	423,194,524	8,019,213
Daily Total	222	55.5300	1.8949	14,440,000	423,194,524	8,019,213

Trades

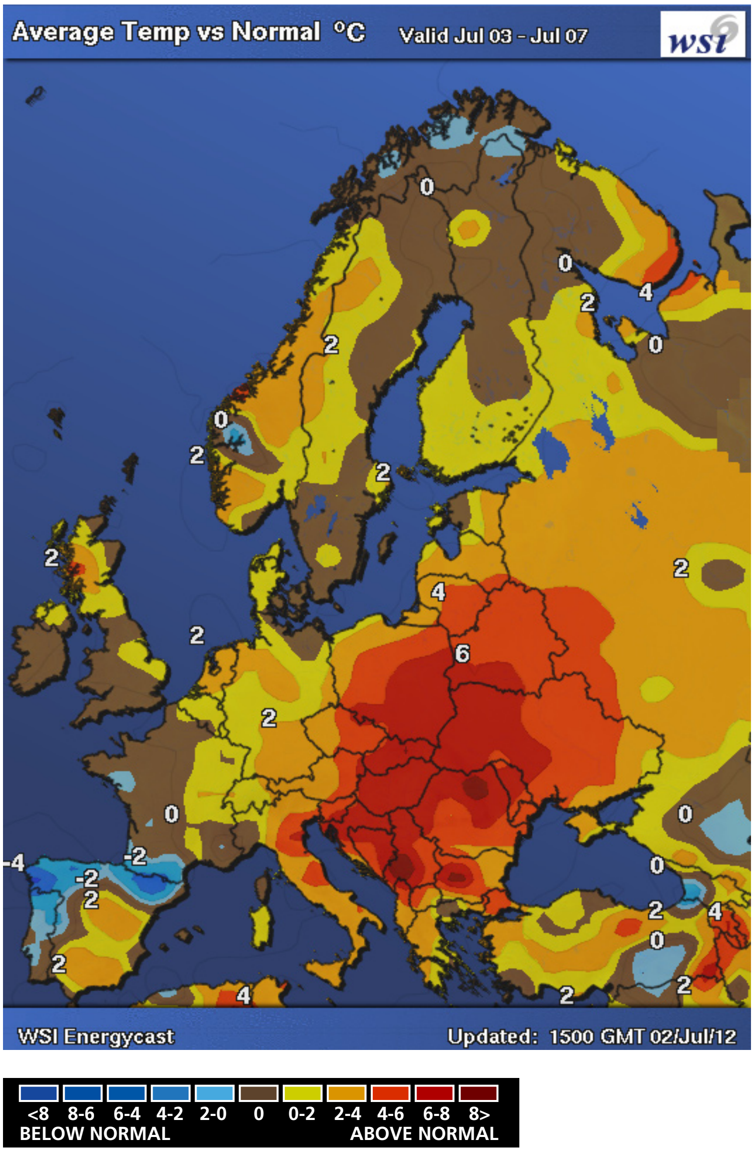
Free trial to European Spot Gas Markets

EUROPEAN OTC TRADES VOLUME 2 JULY 2012					
Country	**Trading location**	**Total MWh**	**% curve***	**% prompt**	**Number of trades**
Austria	CEGH	1525680	93.5	6.5	52
Belgium	Zeebrugge	4098305	95.7	4.3	86
Britain	NBP	27154639	89.3	10.7	1091
Czech Republic	Czech Republic	n/a	n/a	n/a	0
France	PEG Nord	748535	65.0	35.0	143
France	PEG Sud	93580	n/a	100.0	49
France	PEG TIGF	1120	n/a	100.0	3
Germany	GASPOOL	286440	38.5	61.5	104
Germany	NCG	2133360	59.5	40.5	270
Italy	PSV	5040	n/a	100.0	3
Netherlands	TTF	24396960	91.2	8.8	698
Spain	AOC	n/a	n/a	n/a	0

*% curve and prompt numbers refer to a breakdown of the Total MWh volume.

EUROPEAN OTC TRADED RANGES 2 JULY 2012											€/MWh
		Day-ahead		**August '12**		**Q4 '12**		**Winter 12**		**Year 2013**	
Country	**Trading Location**	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**
Austria	CEGH	25.550	26.000	25.625	25.700	n/a	n/a	27.300	27.300	n/a	n/a
Belgium	Zeebrugge	24.084	24.467	23.920	24.175	n/a	n/a	26.900	26.900	n/a	n/a
Britain	NBP	24.020	24.275	23.644	23.962	n/a	n/a	27.388	27.770	n/a	n/a
Czech Republic	Czech Republic	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
France	PEG Nord	24.000	24.675	24.300	24.400	26.400	26.500	n/a	n/a	n/a	n/a
France	PEG Sud	26.500	27.500	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
France	PEG TIGF	26.950	27.000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Germany	GASPOOL	24.200	24.550	24.100	24.100	n/a	n/a	n/a	n/a	n/a	n/a
Germany	NCG	24.250	24.550	24.200	24.250	26.300	26.300	n/a	n/a	25.800	25.800
Italy	PSV	26.950	26.950	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Netherlands	TTF	24.050	24.500	24.000	24.150	26.100	26.125	26.500	26.700	25.650	25.875
Spain	AOC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Weather



Days 1–5 Outlook: 3–7 July

- Low pressure dominates northwest Europe, bringing frequent spells of rain and showers across the UK, northwest France and southern Scandinavia.
- Fronts moving southeast across central Europe on days four and five bringing some cloud and rain across France into central Europe.
- Low pressure across northern Scandinavia on day one, moving northwards to allow pressure to build across the region, although some cloud and rain will affect southern Scandinavia, where it will be windier.
- Thunderstorms for the Alps, southern Germany and western Poland. Remaining very dry over the Mediterranean and southern Europe, very warm in central and eastern Mediterranean, local afternoon thunderstorms over high ground.
- Anomalies of 0°C to +1°C across northwest Europe, locally -2°C in western France/northwestern Iberia. Anomalies of +1–3°C for central and southeast Eur, +3–6°C in the Balkans and eastern Europe.

Days 6–10 Outlook: 8–12 July

- Moderate to low over northwestern/northern Europe from day eight onwards. The British Isles and Scandinavia are likely to see showers or longer periods of rain on many days, with low pressure continuing to dominate.
- A slacker pattern is more likely for central and southern Europe again, resulting in generally drier, sunny and very hot conditions.
- Heavy showers and thunderstorms are expected to develop over mountains such as the Pyrenees, Alps and Carpathians, with a continued threat of localised flooding.
- Mean anomalies of -1°C to -3°C are expected in northwest Europe. Mean anomalies of +1–3°C for southeast Spain, local anomalies of +6°C/+7°C for parts of northern Italy eastwards into Romania, Ukraine, Belarus and northwest Russia.

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ICIS Heren European Spot Gas Markets

1 Procter Street, Holborn,
London WC1V 6EU, UK

Website: www.icis.com/energy
Email: energyinfo@icis.com

ICIS Customer Support
+65 6588 3955 (Asia & Middle East)
+44 20 8652 3335 (Europe & Africa)
+1 888 525 3255 (toll free US & Canada)
or +1 713 525 2613 (Americas)
csc@icis.com

Head of Gas, Power, Emissions & Coal
Louise Boddy +44 20 7911 1948
louise.boddy@icis.com

Managing Editor
Shelley Kerr +44 20 7911 1806
shelley.kerr@icis.com

Commercial Director
Simon Platt +44 20 7911 1957
simon.platt@icis.com

Head of Design & Production
Alexis Rendell

Head of Sales
Richard Haddrell

Editor, ESGM
Ed Cox +44 20 7911 1772
ed.cox@icis.com

Deputy Editor
Tomas Marzec-Manser +44 20 7911 1964
Tomas.Marzec-Manser@icis.com

Reporters
James Allpress, Marie-Louise du Bois, Martin Degen, Zoe Double, Simon Ellis, James Enright, James Enright, Tim Fettis, Maria Haensch, Tom Hoskyns, Domitille Lainey, Manuela Mesco, Irina Peltegova, Selene Rebane, Johanna Rüschoff, Aura Sabadus, Isabel Save, Robert Songer, Jamie Stewart, Elizabeth Stonor, Jason Torquato, Manca Vitorino, Ben Wetherall, Katya Zapletnyuk, Kate Burgess, Seth Freedman, Davide Barbuscia

Global Chief Sub-Editor
Lewis Harper +44 20 8652 4958
lewis.harper@icis.com

Global Production Editor
Louise Murrell +44 20 8652 8139
louise.murrell@icis.com

Global Sales Manager
Douglas Strien +44 20 7911 1919
energysales@icis.com

Senior Marketing Executive
Karin Hausmann +44 20 7911 1929
karin.hausmann@icis.com