

## Changes to Argus North American Natural Gas data effective 31 July 2009

### **Summary of changes**

As part of the ongoing development of the new Argus North America Natural gas price cover, the following changes are being implemented on 31 July 2009.

### **Region/Category changes**

The "Canada" region is being discontinued, hubs are being assigned to either the Rockies or the West regions. In addition some hubs in the West region are being moved to the Rockies region.

### **Stopped Codes (hubs)**

Several hubs will be discontinued after 30 July 2009

### **New Codes**

#### **New differentials**

Argus is introducing differential prices to the daily indexes, these differentials are based on the Argus Henry Hub assessment and apply to all daily indexes. Argus is also back filling these series to the earliest possible date, either the start of Argus Henry Hub assessment or the start of the individual hub assessment, which ever is the latest.

#### **Regional Averages**

Argus is introducing daily regional averages for all of the hubs in each region.

#### **New hubs**

Argus is adding cover for some additional hubs, these are either starting on 31 July or are resuming series using codes set up in early part of this year which may have stopped during the development phase of the assessments.

### **Scheduled changeover**

All of these changes will be reflected in the online documentation, the discontinued hubs will be marked inactive on 31 July after the last day of data upload. CSV data files will be changed in accordance with this notice from 31 July, in the DNANG data module.

The next pages list the code changes in detail

### **Region/Category stopping on 31 July 2009**

<b>Discontinued Category</b>
->Natural gas->North America->Canada

## Region/Category changes

PA-code	Description	New Category	Previous Category
PA0006490	Natural gas hub AECO Basis bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006496	Natural gas hub AECO Basis C\$/GJ bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006497	Natural gas hub AECO Basis C\$/GJ Index bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006491	Natural gas hub AECO Basis Index bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006492	Natural gas hub AECO Basis no of trades bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006493	Natural gas hub AECO Basis traded volume bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006262	Natural gas hub AECO bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006494	Natural gas hub AECO C\$/GJ bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006495	Natural gas hub AECO C\$/GJ Index bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0005668	Natural gas hub AECO day-ahead	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006078	Natural gas hub AECO day-ahead C\$/GJ	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006075	Natural gas hub AECO day-ahead C\$/GJ Index	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006076	Natural gas hub AECO day-ahead C\$/GJ Index month average	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006249	Natural gas hub AECO day-ahead C\$/GJ mid-range	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0005664	Natural gas hub AECO day-ahead Index	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0005665	Natural gas hub AECO day-ahead Index month average	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006158	Natural gas hub AECO day-ahead mid-range	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0005666	Natural gas hub AECO day-ahead no of trades	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0005667	Natural gas hub AECO day-ahead traded volume	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006263	Natural gas hub AECO Index bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006264	Natural gas hub AECO no of trades bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006265	Natural gas hub AECO traded volume bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->Canada
PA0006310	Natural gas hub Dawn Ontario bidweek	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0005673	Natural gas hub Dawn Ontario day-ahead	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0005669	Natural gas hub Dawn Ontario day-ahead Index	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0005670	Natural gas hub Dawn Ontario day-ahead Index month average	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0006159	Natural gas hub Dawn Ontario day-ahead mid-range	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0005671	Natural gas hub Dawn Ontario day-ahead no of trades	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0005672	Natural gas hub Dawn Ontario day-ahead traded volume	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0006311	Natural gas hub Dawn Ontario Index bidweek	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0006312	Natural gas hub Dawn Ontario no of trades bidweek	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0006313	Natural gas hub Dawn Ontario traded volume bidweek	->Natural gas->North America->East	->Natural gas->North America->Canada
PA0006318	Natural gas hub El Paso San Juan Basin bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006003	Natural gas hub El Paso San Juan Basin day-ahead	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0005999	Natural gas hub El Paso San Juan Basin day-ahead Index	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006000	Natural gas hub El Paso San Juan Basin day-ahead Index month average	->Natural gas->North America->Rockies	->Natural gas->North America->West

**Region/Category changes, contd**

<b>PA-code</b>	<b>Description</b>	<b>New Category</b>	<b>Previous Category</b>
PA0006225	Natural gas hub El Paso San Juan Basin day-ahead mid-range	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006001	Natural gas hub El Paso San Juan Basin day-ahead no of trades	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006002	Natural gas hub El Paso San Juan Basin day-ahead traded volume	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006319	Natural gas hub El Paso San Juan Basin Index bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006320	Natural gas hub El Paso San Juan Basin no of trades bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006321	Natural gas hub El Paso San Juan Basin traded volume bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0005678	Natural gas hub Emerson Viking GL day-ahead	->Natural gas->North America->Midcontinent	->Natural gas->North America->Canada
PA0005674	Natural gas hub Emerson Viking GL day-ahead Index	->Natural gas->North America->Midcontinent	->Natural gas->North America->Canada
PA0005675	Natural gas hub Emerson Viking GL day-ahead Index month average	->Natural gas->North America->Midcontinent	->Natural gas->North America->Canada
PA0006160	Natural gas hub Emerson Viking GL day-ahead mid-range	->Natural gas->North America->Midcontinent	->Natural gas->North America->Canada
PA0005676	Natural gas hub Emerson Viking GL day-ahead no of trades	->Natural gas->North America->Midcontinent	->Natural gas->North America->Canada
PA0005677	Natural gas hub Emerson Viking GL day-ahead traded volume	->Natural gas->North America->Midcontinent	->Natural gas->North America->Canada
PA0006486	Natural gas hub NWPL Rocky Mountains bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006487	Natural gas hub NWPL Rocky Mountains Index bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006488	Natural gas hub NWPL Rocky Mountains no of trades bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0006489	Natural gas hub NWPL Rocky Mountains traded volume bidweek	->Natural gas->North America->Rockies	->Natural gas->North America->West
PA0005683	Natural gas hub Westcoast station 2 day-ahead	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0006082	Natural gas hub Westcoast station 2 day-ahead C\$/GJ	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0006079	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0006080	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index month average	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0006250	Natural gas hub Westcoast station 2 day-ahead C\$/GJ mid-range	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0005679	Natural gas hub Westcoast station 2 day-ahead Index	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0005680	Natural gas hub Westcoast station 2 day-ahead Index month average	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0006161	Natural gas hub Westcoast station 2 day-ahead mid-range	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0005681	Natural gas hub Westcoast station 2 day-ahead no of trades	->Natural gas->North America->West	->Natural gas->North America->Canada
PA0005682	Natural gas hub Westcoast station 2 day-ahead traded volume	->Natural gas->North America->West	->Natural gas->North America->Canada

**Hubs/codes stopping 30 July 2009**

PA-code	Time stamp	Price type	Continuos forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006278	2	2	1	Natural gas hub CenterPoint bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006278	2	1	1	Natural gas hub CenterPoint bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005923	2	2	0	Natural gas hub CenterPoint day-ahead	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005923	2	1	0	Natural gas hub CenterPoint day-ahead	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005919	2	4	0	Natural gas hub CenterPoint day-ahead Index	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005919	2	3	0	Natural gas hub CenterPoint day-ahead Index	-	02-Feb-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005920	2	17	0	Natural gas hub CenterPoint day-ahead Index month average	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005920	2	3	0	Natural gas hub CenterPoint day-ahead Index month average	-	02-Feb-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005921	2	8	0	Natural gas hub CenterPoint day-ahead no of trades	-	26-Jan-2009	30-Jul-2009	No Unit	->Natural gas->North America->Midcontinent
PA0005922	2	29	0	Natural gas hub CenterPoint day-ahead traded volume	-	26-Jan-2009	30-Jul-2009	mnBtu	->Natural gas->North America->Midcontinent
PA0006279	2	4	1	Natural gas hub CenterPoint Index bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006280	2	8	1	Natural gas hub CenterPoint no of trades bidweek	-	01-Mar-2009	30-Jul-2009	No Unit	->Natural gas->North America->Midcontinent
PA0006281	2	29	1	Natural gas hub CenterPoint traded volume bidweek	-	01-Mar-2009	30-Jul-2009	mnBtu	->Natural gas->North America->Midcontinent
PA0005703	2	2	0	Natural gas hub Dominion North Point day-ahead	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->East
PA0005703	2	1	0	Natural gas hub Dominion North Point day-ahead	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->East
PA0005699	2	3	0	Natural gas hub Dominion North Point day-ahead Index	-	02-Feb-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->East
PA0005699	2	4	0	Natural gas hub Dominion North Point day-ahead Index	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->East
PA0005700	2	17	0	Natural gas hub Dominion North Point day-ahead Index month average	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->East
PA0005700	2	3	0	Natural gas hub Dominion North Point day-ahead Index month average	-	02-Feb-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->East
PA0006165	2	2	0	Natural gas hub Dominion North Point day-ahead mid-range	-	23-Feb-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->East

**Hubs/codes stopping 30 July 2009, contd**

PA-code	Time stamp	Price type	Continuos forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006165	2	1	0	Natural gas hub Dominion North Point day-ahead mid-range	-	23-Feb-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->East
PA0005701	2	8	0	Natural gas hub Dominion North Point day-ahead no of trades	-	26-Jan-2009	30-Jul-2009	No Unit	->Natural gas->North America->East
PA0005702	2	29	0	Natural gas hub Dominion North Point day-ahead traded volume	-	26-Jan-2009	30-Jul-2009	mnBtu	->Natural gas->North America->East
PA0005993	2	2	0	Natural gas hub El Paso Bondad day-ahead	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->West
PA0005993	2	1	0	Natural gas hub El Paso Bondad day-ahead	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->West
PA0005989	2	4	0	Natural gas hub El Paso Bondad day-ahead Index	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->West
PA0005989	2	3	0	Natural gas hub El Paso Bondad day-ahead Index	-	02-Feb-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->West
PA0005990	2	3	0	Natural gas hub El Paso Bondad day-ahead Index month average	-	02-Feb-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->West
PA0005990	2	17	0	Natural gas hub El Paso Bondad day-ahead Index month average	-	26-Jan-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->West
PA0005991	2	8	0	Natural gas hub El Paso Bondad day-ahead no of trades	-	26-Jan-2009	30-Jul-2009	No Unit	->Natural gas->North America->West
PA0005992	2	29	0	Natural gas hub El Paso Bondad day-ahead traded volume	-	26-Jan-2009	30-Jul-2009	mnBtu	->Natural gas->North America->West
PA0006362	2	2	1	Natural gas hub NNG Demarc bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006362	2	1	1	Natural gas hub NNG Demarc bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006363	2	4	1	Natural gas hub NNG Demarc Index bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006364	2	8	1	Natural gas hub NNG Demarc no of trades bidweek	-	01-Mar-2009	30-Jul-2009	No Unit	->Natural gas->North America->Midcontinent
PA0006365	2	29	1	Natural gas hub NNG Demarc traded volume bidweek	-	01-Mar-2009	30-Jul-2009	mnBtu	->Natural gas->North America->Midcontinent
PA0006402	2	2	1	Natural gas hub Southern Star bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006402	2	1	1	Natural gas hub Southern Star bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006403	2	4	1	Natural gas hub Southern Star Index bidweek	-	01-Mar-2009	30-Jul-2009	USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006404	2	8	1	Natural gas hub Southern Star no of trades bidweek	-	01-Mar-2009	30-Jul-2009	No Unit	->Natural gas->North America->Midcontinent
PA0006405	2	29	1	Natural gas hub Southern Star traded volume bidweek	-	01-Mar-2009	30-Jul-2009	mnBtu	->Natural gas->North America->Midcontinent

**Hubs/codes starting 31 July 2009, contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005664	2	3	0	Natural gas hub AECO day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0005665	2	3	0	Natural gas hub AECO day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0005669	2	3	0	Natural gas hub Dawn Ontario day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005670	2	3	0	Natural gas hub Dawn Ontario day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005674	2	3	0	Natural gas hub Emerson Viking GL day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005675	2	3	0	Natural gas hub Emerson Viking GL day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005679	2	3	0	Natural gas hub Westcoast station 2 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0005679	2	3	0	Natural gas hub Westcoast station 2 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0005679	2	4	0	Natural gas hub Westcoast station 2 day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0005679	2	4	0	Natural gas hub Westcoast station 2 day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0005680	2	3	0	Natural gas hub Westcoast station 2 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0005680	2	3	0	Natural gas hub Westcoast station 2 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0005680	2	17	0	Natural gas hub Westcoast station 2 day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0005680	2	17	0	Natural gas hub Westcoast station 2 day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0005681	2	8	0	Natural gas hub Westcoast station 2 day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->West
PA0005681	2	8	0	Natural gas hub Westcoast station 2 day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->West
PA0005682	2	29	0	Natural gas hub Westcoast station 2 day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->West
PA0005682	2	29	0	Natural gas hub Westcoast station 2 day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->West
PA0005683	2	1	0	Natural gas hub Westcoast station 2 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0005683	2	1	0	Natural gas hub Westcoast station 2 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0005683	2	2	0	Natural gas hub Westcoast station 2 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0005683	2	2	0	Natural gas hub Westcoast station 2 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West

**Hubs/codes starting 31 July 2009, contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005684	2	3	0	Natural gas hub Algonquin Citygates day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005685	2	3	0	Natural gas hub Algonquin Citygates day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005689	2	3	0	Natural gas hub Algonquin receipts day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005689	2	4	0	Natural gas hub Algonquin receipts day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005690	2	3	0	Natural gas hub Algonquin receipts day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005690	2	17	0	Natural gas hub Algonquin receipts day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005691	2	8	0	Natural gas hub Algonquin receipts day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->East
PA0005692	2	29	0	Natural gas hub Algonquin receipts day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->East
PA0005693	2	1	0	Natural gas hub Algonquin receipts day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005693	2	2	0	Natural gas hub Algonquin receipts day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005694	2	3	0	Natural gas hub Col Gas Appalachia day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005695	2	3	0	Natural gas hub Col Gas Appalachia day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005704	2	3	0	Natural gas hub Dominion South Point day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005705	2	3	0	Natural gas hub Dominion South Point day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005714	2	3	0	Natural gas hub Iroquois Waddington day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005715	2	3	0	Natural gas hub Iroquois Waddington day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005719	2	3	0	Natural gas hub Iroquois zone 2 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005719	2	4	0	Natural gas hub Iroquois zone 2 day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005720	2	3	0	Natural gas hub Iroquois zone 2 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005720	2	17	0	Natural gas hub Iroquois zone 2 day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005721	2	8	0	Natural gas hub Iroquois zone 2 day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->East
PA0005722	2	29	0	Natural gas hub Iroquois zone 2 day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->East

**Hubs/codes starting 31 July 2009, contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005723	2	1	0	Natural gas hub Iroquois zone 2 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005723	2	2	0	Natural gas hub Iroquois zone 2 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005729	2	3	0	Natural gas hub Niagara day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005730	2	3	0	Natural gas hub Niagara day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005734	2	3	0	Natural gas hub Tennessee zone 6 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005734	2	4	0	Natural gas hub Tennessee zone 6 day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005735	2	3	0	Natural gas hub Tennessee zone 6 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005735	2	17	0	Natural gas hub Tennessee zone 6 day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005736	2	8	0	Natural gas hub Tennessee zone 6 day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->East
PA0005737	2	29	0	Natural gas hub Tennessee zone 6 day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->East
PA0005738	2	1	0	Natural gas hub Tennessee zone 6 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005738	2	2	0	Natural gas hub Tennessee zone 6 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->East
PA0005739	2	3	0	Natural gas hub Texas Eastern zone M3 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005740	2	3	0	Natural gas hub Texas Eastern zone M3 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005749	2	3	0	Natural gas hub Transco zone 6 non-NY day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005750	2	3	0	Natural gas hub Transco zone 6 non-NY day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005754	2	3	0	Natural gas hub Transco zone 6 NY day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005755	2	3	0	Natural gas hub Transco zone 6 NY day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0005759	2	3	0	Natural gas hub Agua Dulce day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005760	2	3	0	Natural gas hub Agua Dulce day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005764	2	3	0	Natural gas hub ANR La day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005765	2	3	0	Natural gas hub ANR La day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005769	2	3	0	Natural gas hub ANR ML7 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005769	2	4	0	Natural gas hub ANR ML7 day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005770	2	3	0	Natural gas hub ANR ML7 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005770	2	17	0	Natural gas hub ANR ML7 day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005771	2	8	0	Natural gas hub ANR ML7 day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Gulf/Texas
PA0005772	2	29	0	Natural gas hub ANR ML7 day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Gulf/Texas
PA0005773	2	1	0	Natural gas hub ANR ML7 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005773	2	2	0	Natural gas hub ANR ML7 day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005774	2	3	0	Natural gas hub Carthage day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005774	2	4	0	Natural gas hub Carthage day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005775	2	3	0	Natural gas hub Carthage day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005775	2	17	0	Natural gas hub Carthage day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005776	2	8	0	Natural gas hub Carthage day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Gulf/Texas
PA0005777	2	29	0	Natural gas hub Carthage day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Gulf/Texas
PA0005778	2	1	0	Natural gas hub Carthage day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005778	2	2	0	Natural gas hub Carthage day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005779	2	3	0	Natural gas hub Col Gulf La day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005780	2	3	0	Natural gas hub Col Gulf La day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005784	2	3	0	Natural gas hub Col Gulf Mainline day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005785	2	3	0	Natural gas hub Col Gulf Mainline day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005789	2	3	0	Natural gas hub Florida Gas zone 3 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005790	2	3	0	Natural gas hub Florida Gas zone 3 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005799	2	3	0	Natural gas hub Houston Ship Channel day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005800	2	3	0	Natural gas hub Houston Ship Channel day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005804	2	3	0	Natural gas hub Katy Hub day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005805	2	3	0	Natural gas hub Katy Hub day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005814	2	3	0	Natural gas hub NGPL South Texas zone day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005815	2	3	0	Natural gas hub NGPL South Texas zone day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005819	2	3	0	Natural gas hub SoNat La day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005820	2	3	0	Natural gas hub SoNat La day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005829	2	3	0	Natural gas hub TETCO E La day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005830	2	3	0	Natural gas hub TETCO E La day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005839	2	3	0	Natural gas hub TETCO South Texas zone day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005840	2	3	0	Natural gas hub TETCO South Texas zone day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005844	2	3	0	Natural gas hub TETCO W La day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005845	2	3	0	Natural gas hub TETCO W La day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005854	2	3	0	Natural gas hub TGP La 500 Leg day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005855	2	3	0	Natural gas hub TGP La 500 Leg day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005859	2	3	0	Natural gas hub TGP La 800 Leg day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005860	2	3	0	Natural gas hub TGP La 800 Leg day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005864	2	3	0	Natural gas hub TGP Texas zone 0 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005865	2	3	0	Natural gas hub TGP Texas zone 0 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005869	2	3	0	Natural gas hub TGT zone 1 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005870	2	3	0	Natural gas hub TGT zone 1 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005874	2	3	0	Natural gas hub TGT zone SL day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005875	2	3	0	Natural gas hub TGT zone SL day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005879	2	3	0	Natural gas hub Transco zone 1 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005880	2	3	0	Natural gas hub Transco zone 1 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005884	2	3	0	Natural gas hub Transco zone 2 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005885	2	3	0	Natural gas hub Transco zone 2 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005889	2	3	0	Natural gas hub Transco zone 3 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005890	2	3	0	Natural gas hub Transco zone 3 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005894	2	3	0	Natural gas hub Transco zone 4 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005895	2	3	0	Natural gas hub Transco zone 4 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005899	2	3	0	Natural gas hub Trunkline E La day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005900	2	3	0	Natural gas hub Trunkline E La day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005904	2	3	0	Natural gas hub Trunkline W La day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005905	2	3	0	Natural gas hub Trunkline W La day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0005909	2	3	0	Natural gas hub Alliance into interstates day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005909	2	4	0	Natural gas hub Alliance into interstates day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005910	2	3	0	Natural gas hub Alliance into interstates day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005910	2	17	0	Natural gas hub Alliance into interstates day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005911	2	8	0	Natural gas hub Alliance into interstates day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Midcontinent
PA0005912	2	29	0	Natural gas hub Alliance into interstates day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Midcontinent

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005913	2	1	0	Natural gas hub Alliance into interstates day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005913	2	2	0	Natural gas hub Alliance into interstates day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005914	2	3	0	Natural gas hub ANR Oklahoma day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005915	2	3	0	Natural gas hub ANR Oklahoma day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005924	2	3	0	Natural gas hub Chicago Citygates day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005925	2	3	0	Natural gas hub Chicago Citygates day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005929	2	3	0	Natural gas hub Consumers Citygates day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005930	2	3	0	Natural gas hub Consumers Citygates day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005934	2	3	0	Natural gas hub Mich Con Citygates day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005935	2	3	0	Natural gas hub Mich Con Citygates day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005939	2	3	0	Natural gas hub NGPL Amarillo day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005939	2	4	0	Natural gas hub NGPL Amarillo day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005940	2	3	0	Natural gas hub NGPL Amarillo day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005940	2	17	0	Natural gas hub NGPL Amarillo day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005941	2	8	0	Natural gas hub NGPL Amarillo day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Midcontinent
PA0005942	2	29	0	Natural gas hub NGPL Amarillo day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Midcontinent
PA0005943	2	1	0	Natural gas hub NGPL Amarillo day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005943	2	2	0	Natural gas hub NGPL Amarillo day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005944	2	3	0	Natural gas hub NGPL Midcontinent day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005945	2	3	0	Natural gas hub NGPL Midcontinent day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005949	2	3	0	Natural gas hub NGPL Texok zone day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005950	2	3	0	Natural gas hub NGPL Texok zone day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005954	2	3	0	Natural gas hub NNG Demarc day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005955	2	3	0	Natural gas hub NNG Demarc day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005959	2	3	0	Natural gas hub NNG Ventura day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005959	2	4	0	Natural gas hub NNG Ventura day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005960	2	3	0	Natural gas hub NNG Ventura day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005960	2	17	0	Natural gas hub NNG Ventura day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005961	2	8	0	Natural gas hub NNG Ventura day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Midcontinent
PA0005962	2	29	0	Natural gas hub NNG Ventura day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Midcontinent
PA0005963	2	1	0	Natural gas hub NNG Ventura day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005963	2	2	0	Natural gas hub NNG Ventura day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005964	2	3	0	Natural gas hub Oneok Oklahoma day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005964	2	4	0	Natural gas hub Oneok Oklahoma day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005965	2	3	0	Natural gas hub Oneok Oklahoma day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005965	2	17	0	Natural gas hub Oneok Oklahoma day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005966	2	8	0	Natural gas hub Oneok Oklahoma day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Midcontinent
PA0005967	2	29	0	Natural gas hub Oneok Oklahoma day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Midcontinent
PA0005968	2	1	0	Natural gas hub Oneok Oklahoma day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005968	2	2	0	Natural gas hub Oneok Oklahoma day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005969	2	3	0	Natural gas hub Panhandle Oklahoma Mainline day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005970	2	3	0	Natural gas hub Panhandle Oklahoma Mainline day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005974	2	3	0	Natural gas hub Southern Star day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005974	2	4	0	Natural gas hub Southern Star day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0005975	2	3	0	Natural gas hub Southern Star day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005975	2	17	0	Natural gas hub Southern Star day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005976	2	8	0	Natural gas hub Southern Star day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Midcontinent
PA0005977	2	29	0	Natural gas hub Southern Star day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Midcontinent
PA0005978	2	1	0	Natural gas hub Southern Star day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005978	2	2	0	Natural gas hub Southern Star day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0005979	2	3	0	Natural gas hub Cheyenne day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0005980	2	3	0	Natural gas hub Cheyenne day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0005984	2	3	0	Natural gas hub CIG Rocky Mountains day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0005985	2	3	0	Natural gas hub CIG Rocky Mountains day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0005994	2	3	0	Natural gas hub El Paso Permian Basin day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0005995	2	3	0	Natural gas hub El Paso Permian Basin day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0005999	2	3	0	Natural gas hub El Paso San Juan Basin day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006000	2	3	0	Natural gas hub El Paso San Juan Basin day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006004	2	3	0	Natural gas hub El Paso South Mainline day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006004	2	4	0	Natural gas hub El Paso South Mainline day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006005	2	3	0	Natural gas hub El Paso South Mainline day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006005	2	17	0	Natural gas hub El Paso South Mainline day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006006	2	8	0	Natural gas hub El Paso South Mainline day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->West
PA0006007	2	29	0	Natural gas hub El Paso South Mainline day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->West
PA0006008	2	1	0	Natural gas hub El Paso South Mainline day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006008	2	2	0	Natural gas hub El Paso South Mainline day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006009	2	3	0	Natural gas hub GTN Kingsgate day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006009	2	4	0	Natural gas hub GTN Kingsgate day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006010	2	3	0	Natural gas hub GTN Kingsgate day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006010	2	17	0	Natural gas hub GTN Kingsgate day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006011	2	8	0	Natural gas hub GTN Kingsgate day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->West
PA0006012	2	29	0	Natural gas hub GTN Kingsgate day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->West
PA0006013	2	1	0	Natural gas hub GTN Kingsgate day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006013	2	2	0	Natural gas hub GTN Kingsgate day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006014	2	3	0	Natural gas hub Kern River delivered day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006015	2	3	0	Natural gas hub Kern River delivered day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006019	2	3	0	Natural gas hub Northwest Sumas day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006020	2	3	0	Natural gas hub Northwest Sumas day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006024	2	3	0	Natural gas hub Northwest Wyoming day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006024	2	4	0	Natural gas hub Northwest Wyoming day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006025	2	3	0	Natural gas hub Northwest Wyoming day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006025	2	17	0	Natural gas hub Northwest Wyoming day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006026	2	8	0	Natural gas hub Northwest Wyoming day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Rockies
PA0006027	2	29	0	Natural gas hub Northwest Wyoming day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Rockies
PA0006028	2	1	0	Natural gas hub Northwest Wyoming day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006028	2	2	0	Natural gas hub Northwest Wyoming day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006029	2	3	0	Natural gas hub Opal day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006030	2	3	0	Natural gas hub Opal day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006034	2	3	0	Natural gas hub PG&E Citygates day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006035	2	3	0	Natural gas hub PG&E Citygates day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006039	2	3	0	Natural gas hub PG&E Malin Oregon day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006040	2	3	0	Natural gas hub PG&E Malin Oregon day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006044	2	3	0	Natural gas hub PG&E South day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006044	2	4	0	Natural gas hub PG&E South day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006045	2	3	0	Natural gas hub PG&E South day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006045	2	17	0	Natural gas hub PG&E South day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006046	2	8	0	Natural gas hub PG&E South day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->West
PA0006047	2	29	0	Natural gas hub PG&E South day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->West
PA0006048	2	1	0	Natural gas hub PG&E South day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006048	2	2	0	Natural gas hub PG&E South day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->West
PA0006054	2	3	0	Natural gas hub SoCal Gas Co day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006055	2	3	0	Natural gas hub SoCal Gas Co day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006059	2	3	0	Natural gas hub Stanfield day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006060	2	3	0	Natural gas hub Stanfield day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006069	2	3	0	Natural gas hub Waha day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006070	2	3	0	Natural gas hub Waha day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006075	2	3	0	Natural gas hub AECO day-ahead C\$/GJ Index	Argus Henry Hub	02-Feb-2009		CAD/GJ	->Natural gas->North America->Rockies
PA0006076	2	3	0	Natural gas hub AECO day-ahead C\$/GJ Index month average	Argus Henry Hub	02-Feb-2009		CAD/GJ	->Natural gas->North America->Rockies
PA0006079	2	3	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index	Argus Henry Hub	02-Feb-2009		CAD/GJ	->Natural gas->North America->West
PA0006079	2	3	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index	Argus Henry Hub	02-Feb-2009		CAD/GJ	->Natural gas->North America->West

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006079	2	4	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006079	2	4	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006080	2	3	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index month average	Argus Henry Hub	02-Feb-2009		CAD/GJ	->Natural gas->North America->West
PA0006080	2	3	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index month average	Argus Henry Hub	02-Feb-2009		CAD/GJ	->Natural gas->North America->West
PA0006080	2	17	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index month average	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006080	2	17	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ Index month average	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006082	2	1	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006082	2	1	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006082	2	2	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006082	2	2	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006083	2	3	0	Natural gas hub TETCO M-1 30 day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006084	2	3	0	Natural gas hub TETCO M-1 30 day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006088	2	3	0	Natural gas hub Trunkline Z1A day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006088	2	4	0	Natural gas hub Trunkline Z1A day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006089	2	3	0	Natural gas hub Trunkline Z1A day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006089	2	17	0	Natural gas hub Trunkline Z1A day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006090	2	8	0	Natural gas hub Trunkline Z1A day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Gulf/Texas
PA0006091	2	29	0	Natural gas hub Trunkline Z1A day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Gulf/Texas
PA0006092	2	1	0	Natural gas hub Trunkline Z1A day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006092	2	2	0	Natural gas hub Trunkline Z1A day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006118	2	3	0	Natural gas hub Northwest S of Green river day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006118	2	4	0	Natural gas hub Northwest S of Green river day-ahead Index	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Rockies

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006119	2	3	0	Natural gas hub Northwest S of Green river day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006119	2	17	0	Natural gas hub Northwest S of Green river day-ahead Index month average	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006120	2	8	0	Natural gas hub Northwest S of Green river day-ahead no of trades	-	26-Jan-2009		No Unit	->Natural gas->North America->Rockies
PA0006121	2	29	0	Natural gas hub Northwest S of Green river day-ahead traded volume	-	26-Jan-2009		mnBtu	->Natural gas->North America->Rockies
PA0006122	2	1	0	Natural gas hub Northwest S of Green river day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006122	2	2	0	Natural gas hub Northwest S of Green river day-ahead	-	26-Jan-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006123	2	3	0	Natural gas hub SoCal Citygates day-ahead Index	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006124	2	3	0	Natural gas hub SoCal Citygates day-ahead Index month average	Argus Henry Hub	02-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006161	2	1	0	Natural gas hub Westcoast station 2 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006161	2	1	0	Natural gas hub Westcoast station 2 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006161	2	2	0	Natural gas hub Westcoast station 2 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006161	2	2	0	Natural gas hub Westcoast station 2 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006163	2	1	0	Natural gas hub Algonquin receipts day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0006163	2	2	0	Natural gas hub Algonquin receipts day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0006169	2	1	0	Natural gas hub Iroquois zone 2 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0006169	2	2	0	Natural gas hub Iroquois zone 2 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0006172	2	1	0	Natural gas hub Tennessee zone 6 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0006172	2	2	0	Natural gas hub Tennessee zone 6 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->East
PA0006179	2	1	0	Natural gas hub ANR ML7 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006179	2	2	0	Natural gas hub ANR ML7 day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006180	2	1	0	Natural gas hub Carthage day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006180	2	2	0	Natural gas hub Carthage day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006207	2	1	0	Natural gas hub Alliance into interstates day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006207	2	2	0	Natural gas hub Alliance into interstates day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006213	2	1	0	Natural gas hub NGPL Amarillo day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006213	2	2	0	Natural gas hub NGPL Amarillo day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006217	2	1	0	Natural gas hub NNG Ventura day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006217	2	2	0	Natural gas hub NNG Ventura day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006218	2	1	0	Natural gas hub Oneok Oklahoma day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006218	2	2	0	Natural gas hub Oneok Oklahoma day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006220	2	1	0	Natural gas hub Southern Star day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006220	2	2	0	Natural gas hub Southern Star day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006226	2	1	0	Natural gas hub El Paso South Mainline day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006226	2	2	0	Natural gas hub El Paso South Mainline day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006227	2	1	0	Natural gas hub GTN Kingsgate day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006227	2	2	0	Natural gas hub GTN Kingsgate day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006230	2	1	0	Natural gas hub Northwest Wyoming day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006230	2	2	0	Natural gas hub Northwest Wyoming day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006234	2	1	0	Natural gas hub PG&E South day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006234	2	2	0	Natural gas hub PG&E South day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->West
PA0006241	2	1	0	Natural gas hub Trunkline Z1A day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006241	2	2	0	Natural gas hub Trunkline Z1A day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006247	2	1	0	Natural gas hub Northwest S of Green river day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006247	2	2	0	Natural gas hub Northwest S of Green river day-ahead mid-range	-	23-Feb-2009		USD/mnBtu	->Natural gas->North America->Rockies

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006250	2	1	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ mid-range	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006250	2	1	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ mid-range	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006250	2	2	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ mid-range	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006250	2	2	0	Natural gas hub Westcoast station 2 day-ahead C\$/GJ mid-range	-	26-Jan-2009		CAD/GJ	->Natural gas->North America->West
PA0006334	2	1	1	Natural gas hub Iroquois zone 2 bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006334	2	2	1	Natural gas hub Iroquois zone 2 bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006335	2	4	1	Natural gas hub Iroquois zone 2 Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006336	2	8	1	Natural gas hub Iroquois zone 2 no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->East
PA0006337	2	29	1	Natural gas hub Iroquois zone 2 traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->East
PA0006370	2	1	1	Natural gas hub Oneok Oklahoma bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006370	2	2	1	Natural gas hub Oneok Oklahoma bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006371	2	4	1	Natural gas hub Oneok Oklahoma Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006372	2	8	1	Natural gas hub Oneok Oklahoma no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->Midcontinent
PA0006373	2	29	1	Natural gas hub Oneok Oklahoma traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->Midcontinent
PA0006386	2	1	1	Natural gas hub PG&E South bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->West
PA0006386	2	2	1	Natural gas hub PG&E South bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->West
PA0006387	2	4	1	Natural gas hub PG&E South Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->West
PA0006388	2	8	1	Natural gas hub PG&E South no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->West
PA0006389	2	29	1	Natural gas hub PG&E South traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->West
PA0006402	2	1	1	Natural gas hub Southern Star bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006402	2	2	1	Natural gas hub Southern Star bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006403	2	4	1	Natural gas hub Southern Star Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006404	2	8	1	Natural gas hub Southern Star no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->Midcontinent
PA0006405	2	29	1	Natural gas hub Southern Star traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->Midcontinent
PA0006406	2	1	1	Natural gas hub Tennessee zone 6 bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006406	2	2	1	Natural gas hub Tennessee zone 6 bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006407	2	4	1	Natural gas hub Tennessee zone 6 Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006408	2	8	1	Natural gas hub Tennessee zone 6 no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->East
PA0006409	2	29	1	Natural gas hub Tennessee zone 6 traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->East
PA0006511	2	1	1	Natural gas hub ANR ML7 bidweek	-	01-Apr-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006511	2	2	1	Natural gas hub ANR ML7 bidweek	-	01-Apr-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006512	2	4	1	Natural gas hub ANR ML7 Index bidweek	-	01-Apr-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006513	2	8	1	Natural gas hub ANR ML7 no of trades bidweek	-	01-Apr-2009		No Unit	->Natural gas->North America->Gulf/Texas
PA0006514	2	29	1	Natural gas hub ANR ML7 traded volume bidweek	-	01-Apr-2009		mnBtu	->Natural gas->North America->Gulf/Texas
PA0006753	2	3	0	Natural gas hub Lebanon day-ahead Index	Argus Henry Hub	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006753	2	4	0	Natural gas hub Lebanon day-ahead Index	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006754	2	3	0	Natural gas hub Lebanon day-ahead Index month average	Argus Henry Hub	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006754	2	17	0	Natural gas hub Lebanon day-ahead Index month average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006755	2	8	0	Natural gas hub Lebanon day-ahead no of trades	-	31-Jul-2009		No Unit	->Natural gas->North America->East
PA0006756	2	29	0	Natural gas hub Lebanon day-ahead traded volume	-	31-Jul-2009		mnBtu	->Natural gas->North America->East
PA0006757	2	1	0	Natural gas hub Lebanon day-ahead	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006757	2	2	0	Natural gas hub Lebanon day-ahead	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006758	2	1	0	Natural gas hub Lebanon day-ahead mid-range	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006758	2	2	0	Natural gas hub Lebanon day-ahead mid-range	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006759	2	1	1	Natural gas hub Lebanon bidweek	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006759	2	2	1	Natural gas hub Lebanon bidweek	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006760	2	4	1	Natural gas hub Lebanon Index bidweek	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006761	2	8	1	Natural gas hub Lebanon no of trades bidweek	-	31-Jul-2009		No Unit	->Natural gas->North America->East
PA0006762	2	29	1	Natural gas hub Lebanon traded volume bidweek	-	31-Jul-2009		mnBtu	->Natural gas->North America->East
PA0006763	2	3	0	Natural gas hub Northern Border Ventura Transfer day-ahead Index	Argus Henry Hub	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006763	2	4	0	Natural gas hub Northern Border Ventura Transfer day-ahead Index	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006764	2	3	0	Natural gas hub Northern Border Ventura Transfer day-ahead Index month average	Argus Henry Hub	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006764	2	17	0	Natural gas hub Northern Border Ventura Transfer day-ahead Index month average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006765	2	8	0	Natural gas hub Northern Border Ventura Transfer day-ahead no of trades	-	31-Jul-2009		No Unit	->Natural gas->North America->Midcontinent
PA0006766	2	29	0	Natural gas hub Northern Border Ventura Transfer day-ahead traded volume	-	31-Jul-2009		mnBtu	->Natural gas->North America->Midcontinent
PA0006767	2	1	0	Natural gas hub Northern Border Ventura Transfer day-ahead	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006767	2	2	0	Natural gas hub Northern Border Ventura Transfer day-ahead	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006768	2	1	0	Natural gas hub Northern Border Ventura Transfer day-ahead mid-range	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006768	2	2	0	Natural gas hub Northern Border Ventura Transfer day-ahead mid-range	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006769	2	1	1	Natural gas hub Northern Border Ventura Transfer bidweek	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006769	2	2	1	Natural gas hub Northern Border Ventura Transfer bidweek	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006770	2	4	1	Natural gas hub Northern Border Ventura Transfer Index bidweek	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006771	2	8	1	Natural gas hub Northern Border Ventura Transfer no of trades bidweek	-	31-Jul-2009		No Unit	->Natural gas->North America->Midcontinent
PA0006772	2	29	1	Natural gas hub Northern Border Ventura Transfer traded volume bidweek	-	31-Jul-2009		mnBtu	->Natural gas->North America->Midcontinent
PA0006773	2	17	0	Natural gas region East day-ahead index average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East
PA0006774	2	17	0	Natural gas region East day-ahead index month average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->East

**Hubs/codes starting 31 July 2009,contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006775	2	17	0	Natural gas region West/Rockies day-ahead index average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006776	2	17	0	Natural gas region West/Rockies day-ahead index month average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006777	2	17	0	Natural gas region Midcontinent day-ahead index average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006778	2	17	0	Natural gas region Midcontinent day-ahead index month average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006779	2	17	0	Natural gas region Gulf/Texas day-ahead index average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006780	2	17	0	Natural gas region Gulf/Texas day-ahead index month average	-	31-Jul-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006781	2	1	1	Natural gas hub Westcoast station 2 bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006781	2	1	1	Natural gas hub Westcoast station 2 bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->West
PA0006781	2	2	1	Natural gas hub Westcoast station 2 bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006781	2	2	1	Natural gas hub Westcoast station 2 bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->West
PA0006782	2	4	1	Natural gas hub Westcoast station 2 Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Rockies
PA0006782	2	4	1	Natural gas hub Westcoast station 2 Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->West
PA0006783	2	8	1	Natural gas hub Westcoast station 2 no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->Rockies
PA0006783	2	8	1	Natural gas hub Westcoast station 2 no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->West
PA0006784	2	29	1	Natural gas hub Westcoast station 2 traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->West
PA0006784	2	29	1	Natural gas hub Westcoast station 2 traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->Rockies
PA0006785	2	1	1	Natural gas hub Westcoast station 2 C\$/GJ bidweek	-	01-Mar-2009		CAD/GJ	->Natural gas->North America->Rockies
PA0006785	2	1	1	Natural gas hub Westcoast station 2 C\$/GJ bidweek	-	01-Mar-2009		CAD/GJ	->Natural gas->North America->West
PA0006785	2	2	1	Natural gas hub Westcoast station 2 C\$/GJ bidweek	-	01-Mar-2009		CAD/GJ	->Natural gas->North America->Rockies
PA0006785	2	2	1	Natural gas hub Westcoast station 2 C\$/GJ bidweek	-	01-Mar-2009		CAD/GJ	->Natural gas->North America->West
PA0006786	2	4	1	Natural gas hub Westcoast station 2 C\$/GJ Index bidweek	-	01-Mar-2009		CAD/GJ	->Natural gas->North America->West
PA0006786	2	4	1	Natural gas hub Westcoast station 2 C\$/GJ Index bidweek	-	01-Mar-2009		CAD/GJ	->Natural gas->North America->Rockies

**Hubs/codes starting 31 July 2009, contd**

PA-code	Time stamp	Price type	Continuous forward	Description	Differential basis	Start date	End date	Unit	Category
PA0006787	2	1	1	Natural gas hub Agua Dulce bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006787	2	2	1	Natural gas hub Agua Dulce bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006788	2	4	1	Natural gas hub Agua Dulce Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Gulf/Texas
PA0006789	2	8	1	Natural gas hub Agua Dulce no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->Gulf/Texas
PA0006790	2	29	1	Natural gas hub Agua Dulce traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->Gulf/Texas
PA0006791	2	1	1	Natural gas hub Iroquois Waddington bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006791	2	2	1	Natural gas hub Iroquois Waddington bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006792	2	4	1	Natural gas hub Iroquois Waddington Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->East
PA0006793	2	8	1	Natural gas hub Iroquois Waddington no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->East
PA0006794	2	29	1	Natural gas hub Iroquois Waddington traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->East
PA0006795	2	1	1	Natural gas hub NNG Ventura bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006795	2	2	1	Natural gas hub NNG Ventura bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006796	2	4	1	Natural gas hub NNG Ventura Index bidweek	-	01-Mar-2009		USD/mnBtu	->Natural gas->North America->Midcontinent
PA0006797	2	8	1	Natural gas hub NNG Ventura no of trades bidweek	-	01-Mar-2009		No Unit	->Natural gas->North America->Midcontinent
PA0006798	2	29	1	Natural gas hub NNG Ventura traded volume bidweek	-	01-Mar-2009		mnBtu	->Natural gas->North America->Midcontinent