

## Changes to Argus European Natural gas effective 1 August 2011

Argus is adding new Italian PSV gas assessments for day ahead, month 1 and season 1 plus additional indexes for day ahead and month 1. Basis (spreads) for PSV compared to TTF, NCG and Baumgarten are also added.

The following new data category has been added to the Argus data model

->Natural gas->Europe->PSV

The following new CSV codes are added to the DNG data module

| G-code    | PA-code   | Time stamp | Price type | Continuous forward | Description                                | Start date  | End date | Unit     | Category                   | Frequency |
|-----------|-----------|------------|------------|--------------------|--|-------------|----------|----------|----------------------------|-----------|
| GP9255A0L | PA0009255 | 6          | 1          | 0                  | Natural gas PSV day-ahead                  | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9255A0H | PA0009255 | 6          | 2          | 0                  | Natural gas PSV day-ahead                  | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9256A1L | PA0009256 | 6          | 1          | 1                  | Natural gas PSV month                      | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9256A1H | PA0009256 | 6          | 2          | 1                  | Natural gas PSV month                      | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9257A1H | PA0009257 | 6          | 1          | 1                  | Natural gas PSV season                     | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9257A1L | PA0009257 | 6          | 2          | 1                  | Natural gas PSV season                     | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9258A0M | PA0009258 | 6          | 8          | 0                  | Natural gas PSV-Baumgarten Basis day-ahead | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9259A0M | PA0009259 | 6          | 8          | 0                  | Natural gas PSV-TTF Basis day-ahead        | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9260A1M | PA0009260 | 6          | 8          | 1                  | Natural gas PSV-Baumgarten Basis month     | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9261A1M | PA0009261 | 6          | 8          | 1                  | Natural gas PSV-TTF Basis month            | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9262A0M | PA0009262 | 6          | 4          | 0                  | Natural gas PSV Index day-ahead            | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9263A1M | PA0009263 | 6          | 4          | 1                  | Natural gas PSV Index month                | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9264A0M | PA0009264 | 6          | 8          | 0                  | Natural gas PSV-NCG Basis day-ahead        | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9265A1M | PA0009265 | 6          | 8          | 1                  | Natural gas PSV-NCG Basis month            | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |
| GP9266A1M | PA0009266 | 6          | 8          | 1                  | Natural gas PSV-TTF Basis season           | 01-Aug-2011 |          | Euro/MWh | ->Natural gas->Europe->PSV | Daily     |

The following legacy g-codes are added to the DNG legacy file

| G-code    | Time stamp | Description                                       | Price type | Start date  | End date | Unit     |
|-----------|------------|---|------------|-------------|----------|----------|
| GP9255A0L | 16:30HRS   | ARGUS, NATURAL GAS PSV DAY-AHEAD                  | Bid        | 01-Aug-2011 |          | Euro/MWh |
| GP9255A0H | 16:30HRS   | ARGUS, NATURAL GAS PSV DAY-AHEAD                  | Ask        | 01-Aug-2011 |          | Euro/MWh |
| GP9256A1L | 16:30HRS   | ARGUS, NATURAL GAS PSV MONTH                      | Bid        | 01-Aug-2011 |          | Euro/MWh |
| GP9256A1H | 16:30HRS   | ARGUS, NATURAL GAS PSV MONTH                      | Ask        | 01-Aug-2011 |          | Euro/MWh |
| GP9257A1H | 16:30HRS   | ARGUS, NATURAL GAS PSV SEASON                     | Bid        | 01-Aug-2011 |          | Euro/MWh |
| GP9257A1L | 16:30HRS   | ARGUS, NATURAL GAS PSV SEASON                     | Ask        | 01-Aug-2011 |          | Euro/MWh |
| GP9258A0M | 16:30HRS   | ARGUS, NATURAL GAS PSV-BAUMGARTEN BASIS DAY-AHEAD | Midpoint   | 01-Aug-2011 |          | Euro/MWh |
| GP9259A0M | 16:30HRS   | ARGUS, NATURAL GAS PSV-TTF BASIS DAY-AHEAD        | Midpoint   | 01-Aug-2011 |          | Euro/MWh |
| GP9260A1M | 16:30HRS   | ARGUS, NATURAL GAS PSV-BAUMGARTEN BASIS MONTH     | Midpoint   | 01-Aug-2011 |          | Euro/MWh |
| GP9261A1M | 16:30HRS   | ARGUS, NATURAL GAS PSV-TTF BASIS MONTH            | Midpoint   | 01-Aug-2011 |          | Euro/MWh |
| GP9262A0M | 16:30HRS   | ARGUS, NATURAL GAS PSV INDEX DAY-AHEAD            | Index      | 01-Aug-2011 |          | Euro/MWh |
| GP9263A1M | 16:30HRS   | ARGUS, NATURAL GAS PSV INDEX MONTH                | Index      | 01-Aug-2011 |          | Euro/MWh |
| GP9264A0M | 16:30HRS   | ARGUS, NATURAL GAS PSV-NCG BASIS DAY-AHEAD        | Midpoint   | 01-Aug-2011 |          | Euro/MWh |
| GP9265A1M | 16:30HRS   | ARGUS, NATURAL GAS PSV-NCG BASIS MONTH            | Midpoint   | 01-Aug-2011 |          | Euro/MWh |
| GP9266A1M | 16:30HRS   | ARGUS, NATURAL GAS PSV-TTF BASIS SEASON           | Midpoint   | 01-Aug-2011 |          | Euro/MWh |