## Changes to Argus Natural Gas Americas effective 02 April 2018

Argus is making changes to Argus Natural Gas Americas. These changes apply to the dnga.csv files in the \DNGA folder on ftp.argusmedia.com.

## The following codes will be added starting 02 April 2018:

| PA-code   | Time<br>stamp | Price type | Continuous<br>forward | Description  | Differential basis | Start date  | End date | Unit      | Category  | Frequency |
|-----------|---------------|------------|-----------------------|--|--------------------|-------------|----------|-----------|---|-----------|
| PA0022923 | 2             | 17         | 0                     | Natural gas hub Gulf South Expansion day-ahead Index month average | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Louisiana/Southeast | Monthly   |
| PA0022923 | 2             | 3          | 0                     | Natural gas hub Gulf South Expansion day-ahead Index month average | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Louisiana/Southeast | Monthly   |
| PA0022924 | 2             | 17         | 0                     | Natural gas hub NGPL Iowa-Illinois day-ahead Index month average   | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Upper Midwest       | Monthly   |
| PA0022924 | 2             | 3          | 0                     | Natural gas hub NGPL Iowa-Illinois day-ahead Index month average   | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Upper Midwest       | Monthly   |
| PA0022925 | 2             | 3          | 0                     | Natural gas hub Waha Enterprise day-ahead Index month average      | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Southwest           | Monthly   |
| PA0022925 | 2             | 17         | 0                     | Natural gas hub Waha Enterprise day-ahead Index month average      | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Southwest           | Monthly   |
| PA0022926 | 2             | 3          | 0                     | Natural gas hub Waha Oasis day-ahead Index month average           | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Southwest           | Monthly   |
| PA0022926 | 2             | 17         | 0                     | Natural gas hub Waha Oasis day-ahead Index month average           | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Southwest           | Monthly   |
| PA0022927 | 2             | 17         | 0                     | Natural gas region Appalachia day-ahead index month average        | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Appalachia          | Monthly   |
| PA0022927 | 2             | 3          | 0                     | Natural gas region Appalachia day-ahead index month average        | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Appalachia          | Monthly   |
| PA0022928 | 2             | 17         | 0                     | Natural gas region Canada day-ahead index month average            | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Canada              | Monthly   |
| PA0022928 | 2             | 3          | 0                     | Natural gas region Canada day-ahead index month average            | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Canada              | Monthly   |
| PA0022929 | 2             | 3          | 0                     | Natural gas region East Texas day-ahead index month average        | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->East Texas          | Monthly   |
| PA0022929 | 2             | 17         | 0                     | Natural gas region East Texas day-ahead index month average        | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->East Texas          | Monthly   |
| PA0022930 | 2             | 17         | 0                     | Natural gas region La/Southeast day-ahead index month average      | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Louisiana/Southeast | Monthly   |
| PA0022930 | 2             | 3          | 0                     | Natural gas region La/Southeast day-ahead index month average      | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Louisiana/Southeast | Monthly   |
| PA0022931 | 2             | 3          | 0                     | Natural gas Midcontinent region day-ahead index month average      | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Midcontinent        | Monthly   |
| PA0022931 | 2             | 17         | 0                     | Natural gas Midcontinent region day-ahead index month average      | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Midcontinent        | Monthly   |
| PA0022932 | 2             | 3          | 0                     | Natural gas region Northeast day-ahead index month average         | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Northeast           | Monthly   |
| PA0022932 | 2             | 17         | 0                     | Natural gas region Northeast day-ahead index month average         | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Northeast           | Monthly   |
| PA0022933 | 2             | 3          | 0                     | Natural gas region Rockies/Northwest day-ahead index month average | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Rockies/Northwest   | Monthly   |
| PA0022933 | 2             | 17         | 0                     | Natural gas region Rockies/Northwest day-ahead index month average | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Rockies/Northwest   | Monthly   |
| PA0022934 | 2             | 3          | 0                     | Natural gas region South Texas day-ahead index month average       | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->South Texas         | Monthly   |
| PA0022934 | 2             | 17         | 0                     | Natural gas region South Texas day-ahead index month average       | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->South Texas         | Monthly   |
| PA0022935 | 2             | 17         | 0                     | Natural gas region Southwest day-ahead index month average         | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Southwest           | Monthly   |
| PA0022935 | 2             | 3          | 0                     | Natural gas region Southwest day-ahead index month average         | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Southwest           | Monthly   |
| PA0022936 | 2             | 17         | 0                     | Natural gas region Upper Midwest day-ahead index month average     | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Upper Midwest       | Monthly   |
| PA0022936 | 2             | 3          | 0                     | Natural gas region Upper Midwest day-ahead index month average     | Argus Henry Hub    | 02-Apr-2018 |          | USD/mnBtu | ->Natural gas->North America->Upper Midwest       | Monthly   |

Argus will be updating categories for the following assessments in Argus Natural Gas Americas with effect from 02 April 2018.

| PA-code   | Description   | Old category                             | New category                             |
|-----------|---|--|--|
| PA0010900 | Frac spread Ethane Mt Belvieu Enterprise (usc/usg)            | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010901 | Frac spread Propane Mt Belvieu Enterprise (usc/usg)           | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010902 | Frac spread Butane Mt Belvieu Enterprise (usc/usg)            | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010903 | Frac spread Isobutane Mt Belvieu Enterprise (usc/usg)         | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010904 | Frac spread Natural Gasoline Mt Belvieu Enterprise (usc/usg)  | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010905 | Frac spread Ethane Mt Belvieu Enterprise (\$/MnBtu)           | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010906 | Frac spread Propane Mt Belvieu Enterprise (\$/MnBtu)          | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010907 | Frac spread Butane Mt Belvieu Enterprise (\$/MnBtu)           | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010908 | Frac spread Isobutane Mt Belvieu Enterprise (\$/MnBtu)        | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010909 | Frac spread Natural Gasoline Mt Belvieu Enterprise (\$/MnBtu) | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010910 | Natural gas Mt Belvieu total barrel (\$/MnBtu)                | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |
| PA0010911 | Frac spread Mt Belvieu total barrel (\$/MnBtu)                | ->Natural gas->North America->Gulf/Texas | ->Natural gas->North America->East Texas |



Argus is updating the description for the following codes in the Argus Natural Gas Americas data feed effective 02 April 2018.

| Argus is updating the description for the following codes in the Argus Natural Gas Aniericas data reed effective 02 April 2016. | New description  |
|---|--|
| PA-code Old description PA0006262 Natural gas hub NIT/AECO bid week   | New description Natural gas hub NIT/AECO bid week month          |
|   | Natural gas hub NIT/AECO Index hid week month                    |
|   | Natural gas hub NIT/AECO nidex bid week month                    |
|   | Natural gas hub NIT/AECO ho of trades bid week month             |
|   |  |
| PA0006266 Natural gas hub Algonquin Citygates bid week  | Natural gas hub Algonquin Citygates bid week month               |
| PA0006267 Natural gas hub Algonquin Citygates Index bid week  | Natural gas hub Algonquin Citygates Index bid week month         |
| PA0006268 Natural gas hub Algonquin Citygates no of trades bid week   | Natural gas hub Algonquin Citygates no of trades bid week month  |
| PA0006269 Natural gas hub Algonquin Citygates traded volume bid week  | Natural gas hub Algonquin Citygates traded volume bid week month |
| PA0006270 Natural gas hub ANR La bid week   | Natural gas hub ANR La bid week month                            |
| PA0006271 Natural gas hub ANR La Index bid week   | Natural gas hub ANR La Index bid week month                      |
| PA0006272 Natural gas hub ANR La no of trades bid week  | Natural gas hub ANR La no of trades bid week month               |
| PA0006273 Natural gas hub ANR La traded volume bid week   | Natural gas hub ANR La traded volume bid week month              |
| PA006274 Natural gas hub ANR Oklahoma bid week  | Natural gas hub ANR Oklahoma bid week month                      |
| PA006275 Natural gas hub ANR Oklahoma Index bid week  | Natural gas hub ANR Oklahoma Index bid week month                |
| PA006276 Natural gas hub ANR Oklahoma no of trades bid week   | Natural gas hub ANR Oklahoma no of trades bid week month         |
| PA0006277 Natural gas hub ANR Oklahoma traded volume bid week   | Natural gas hub ANR Oklahoma traded volume bid week month        |
| PA0006278 Natural gas hub Enable East bid week  | Natural gas hub Enable East bid week month                       |
| PA0006279 Natural gas hub Enable East Index bid week  | Natural gas hub Enable East Index bid week month                 |
| PA0006280 Natural gas hub Enable East no of trades bid week   | Natural gas hub Enable East no of trades bid week month          |
| PA0006281 Natural gas hub Enable East traded volume bid week  | Natural gas hub Enable East traded volume bid week month         |
| PA0006282 Natural gas hub Cheyenne bid week   | Natural gas hub Cheyenne bid week month                          |
| PA0006283 Natural gas hub Cheyenne Index bid week   | Natural gas hub Cheyenne Index bid week month                    |
| PA0006284 Natural gas hub Cheyenne no of trades bid week  | Natural gas hub Cheyenne no of trades bid week month             |
| PA0006285 Natural gas hub Cheyenne traded volume bid week   | Natural gas hub Cheyenne traded volume bid week month            |
| PA0006286 Natural gas hub Chicago Citygates bid week  | Natural gas hub Chicago Citygates bid week month                 |
| PA0006287 Natural gas hub Chicago Citygates Index bid week  | Natural gas hub Chicago Citygates Index bid week month           |
| PA0006288 Natural gas hub Chicago Citygates no of trades bid week   | Natural gas hub Chicago Citygates no of trades bid week month    |
| PA0006289 Natural gas hub Chicago Citygates traded volume bid week  | Natural gas hub Chicago Citygates traded volume bid week month   |
| PA0006290 Natural gas hub CIG Rocky Mountains bid week  | Natural gas hub CIG Rocky Mountains bid week month               |
| PA0006291 Natural gas hub CIG Rocky Mountains Index bid week  | Natural gas hub CIG Rocky Mountains Index bid week month         |
| PA0006292 Natural gas hub CIG Rocky Mountains no of trades bid week   | Natural gas hub CIG Rocky Mountains no of trades bid week month  |
| PA0006293 Natural gas hub CIG Rocky Mountains traded volume bid week  | Natural gas hub CIG Rocky Mountains traded volume bid week month |
| PA0006294 Natural gas hub Col Gas Appalachia bid week   | Natural gas hub Col Gas Appalachia bid week month                |
| PA0006295 Natural gas hub Col Gas Appalachia Index bid week   | Natural gas hub Col Gas Appalachia Index bid week month          |
| PA0006296 Natural gas hub Col Gas Appalachia no of trades bid week  | Natural gas hub Col Gas Appalachia no of trades bid week month   |
| PA0006297 Natural gas hub Col Gas Appalachia traded volume bid week   | Natural gas hub Col Gas Appalachia traded volume bid week month  |
| PA0006298 Natural gas hub Col Gulf La bid week  | Natural gas hub Col Gulf La bid week month                       |
| PA0006299 Natural gas hub Col Gulf La Index bid week  | Natural gas hub Col Gulf La Index bid week month                 |
| PA0006300 Natural gas hub Col Gulf La no of trades bid week   | Natural gas hub Col Gulf La no of trades bid week month          |
| PA0006301 Natural gas hub Col Gulf La traded volume bid week  | Natural gas hub Col Gulf La traded volume bid week month         |
| PA0006302 Natural gas hub Col Gulf Mainline bid week  | Natural gas hub Col Gulf Mainline bid week month                 |
| PA0006303 Natural gas hub Col Gulf Mainline Index bid week  | Natural gas hub Col Gulf Mainline Index bid week month           |
| PA0006304 Natural gas hub Col Gulf Mainline no of trades bid week   | Natural gas hub Col Gulf Mainline no of trades bid week month    |
| PA0006305 Natural gas hub Col Gulf Mainline traded volume bid week  | Natural gas hub Col Gulf Mainline traded volume bid week month   |
| PA0006306 Natural gas hub Consumers Citygates bid week  | Natural gas hub Consumers Citygates bid week month               |
| PA0006307 Natural gas hub Consumers Citygates Index bid week  | Natural gas hub Consumers Citygates Index bid week month         |
| PA0006308 Natural gas hub Consumers Citygates no of trades bid week   | Natural gas hub Consumers Citygates no of trades bid week month  |
| PA0006309 Natural gas hub Consumers Citygates traded volume bid week  | Natural gas hub Consumers Citygates traded volume bid week month |
| PA0006310 Natural gas hub Dawn Ontario bid week   | Natural gas hub Dawn Ontario bid week month                      |
| PA0006311 Natural gas hub Dawn Ontario Index bid week   | Natural gas hub Dawn Ontario Index bid week month                |
| PA0006312 Natural gas hub Dawn Ontario no of trades bid week  | Natural gas hub Dawn Ontario no of trades bid week month         |
| PA0006313 Natural gas hub Dawn Ontario traded volume bid week   | Natural gas hub Dawn Ontario traded volume bid week month        |
| PA0006314 Natural gas hub El Paso Permian Basin bid week  | Natural gas hub El Paso Permian Basin bid week month             |
| PA0006315 Natural gas hub El Paso Permian Basin Index bid week  | Natural gas hub El Paso Permian Basin Index bid week month       |
|   |  |



| PA-code                | Old description   | New description   |
|------------------------|---|---|
| PA0006316              | Natural gas hub El Paso Permian Basin no of trades bid week   | Natural gas hub El Paso Permian Basin no of trades bid week month   |
| PA0006317              | Natural gas hub El Paso Permian Basin traded volume bid week  | Natural gas hub El Paso Permian Basin no or trades bid week month   |
| PA0006318              | Natural gas hub El Paso San Juan Basin bid week   | Natural gas hub El Paso San Juan Basin bid week month   |
| PA0006318<br>PA0006319 | Natural gas hub El Paso San Juan Basin Index bid week   | Natural gas hub El Paso San Juan Basin Index bid week month   |
| PA0006319<br>PA0006320 | Natural gas hub El Paso San Juan Basin no of trades bid week  | Natural gas hub El Paso San Juan Basin no of trades bid week month  |
| PA0006320<br>PA0006321 | Natural gas hub El Paso San Juan Basin traded volume bid week   | Natural gas hub El Paso San Juan Basin traded volume bid week month   |
| PA0006321<br>PA0006322 | Natural gas hub Florida Gas zone 3 bid week   | Natural gas hub Florida Gas zone 3 bid week month   |
|                        |   |   |
| PA0006323              | Natural gas hub Florida Gas zone 3 Index bid week<br>Natural gas hub Florida Gas zone 3 no of trades bid week | Natural gas hub Florida Gas zone 3 Index bid week month<br>Natural gas hub Florida Gas zone 3 no of trades bid week month |
| PA0006324              | Natural gas hub Florida Gas zone 3 traded volume bid week   | Natural gas hub Florida Gas zone 3 traded volume bid week month   |
| PA0006325              |   | 5   |
| PA0006326              | Natural gas hub Henry Hub bid week  | Natural gas hub Henry Hub bid week month  |
| PA0006327              | Natural gas hub Henry Hub Index bid week  | Natural gas hub Henry Hub Index bid week month  |
| PA0006328              | Natural gas hub Henry Hub no of trades bid week   | Natural gas hub Henry Hub no of trades bid week month   |
| PA0006329              | Natural gas hub Henry Hub traded volume bid week  | Natural gas hub Henry Hub traded volume bid week month  |
| PA0006334              | Natural gas hub Iroquois zone 2 bid week  | Natural gas hub Iroquois zone 2 bid week month  |
| PA0006335              | Natural gas hub Iroquois zone 2 Index bid week  | Natural gas hub Iroquois zone 2 Index bid week month  |
| PA0006336              | Natural gas hub Iroquois zone 2 no of trades bid week   | Natural gas hub Iroquois zone 2 no of trades bid week month   |
| PA0006337              | Natural gas hub Iroquois zone 2 traded volume bid week  | Natural gas hub Iroquois zone 2 traded volume bid week month  |
| PA0006338              | Natural gas hub Katy Hub bid week   | Natural gas hub Katy Hub bid week month   |
| PA0006339              | Natural gas hub Katy Hub Index bid week   | Natural gas hub Katy Hub Index bid week month   |
| PA0006340              | Natural gas hub Katy Hub no of trades bid week  | Natural gas hub Katy Hub no of trades bid week month  |
| PA0006341              | Natural gas hub Katy Hub traded volume bid week   | Natural gas hub Katy Hub traded volume bid week month   |
| PA0006342              | Natural gas hub Mich Con Citygates bid week   | Natural gas hub Mich Con Citygates bid week month   |
| PA0006343              | Natural gas hub Mich Con Citygates Index bid week   | Natural gas hub Mich Con Citygates Index bid week month   |
| PA0006344              | Natural gas hub Mich Con Citygates no of trades bid week  | Natural gas hub Mich Con Citygates no of trades bid week month  |
| PA0006345              | Natural gas hub Mich Con Citygates traded volume bid week   | Natural gas hub Mich Con Citygates traded volume bid week month   |
| PA0006346              | Natural gas hub NGPL Midcontinent bid week  | Natural gas hub NGPL Midcontinent bid week month  |
| PA0006347              | Natural gas hub NGPL Midcontinent Index bid week  | Natural gas hub NGPL Midcontinent Index bid week month  |
| PA0006348              | Natural gas hub NGPL Midcontinent no of trades bid week   | Natural gas hub NGPL Midcontinent no of trades bid week month   |
| PA0006349              | Natural gas hub NGPL Midcontinent traded volume bid week  | Natural gas hub NGPL Midcontinent traded volume bid week month  |
| PA0006350              | Natural gas hub NGPL South Texas zone bid week  | Natural gas hub NGPL South Texas zone bid week month  |
| PA0006351              | Natural gas hub NGPL South Texas zone Index bid week  | Natural gas hub NGPL South Texas zone Index bid week month  |
| PA0006352              | Natural gas hub NGPL South Texas zone no of trades bid week   | Natural gas hub NGPL South Texas zone no of trades bid week month   |
| PA0006353              | Natural gas hub NGPL South Texas zone traded volume bid week  | Natural gas hub NGPL South Texas zone traded volume bid week month  |
| PA0006354              | Natural gas hub NGPL Texok zone bid week  | Natural gas hub NGPL Texok zone bid week month  |
| PA0006355              | Natural gas hub NGPL Texok zone Index bid week  | Natural gas hub NGPL Texok zone Index bid week month  |
| PA0006356              | Natural gas hub NGPL Texok zone no of trades bid week   | Natural gas hub NGPL Texok zone no of trades bid week month   |
| PA0006357              | Natural gas hub NGPL Texok zone traded volume bid week  | Natural gas hub NGPL Texok zone traded volume bid week month  |
| PA0006362              | Natural gas hub NNG Demarc bid week   | Natural gas hub NNG Demarc bid week month   |
| PA0006363              | Natural gas hub NNG Demarc Index bid week   | Natural gas hub NNG Demarc Index bid week month   |
| PA0006364              | Natural gas hub NNG Demarc no of trades bid week  | Natural gas hub NNG Demarc no of trades bid week month  |
| PA0006365              | Natural gas hub NNG Demarc traded volume bid week   | Natural gas hub NNG Demarc traded volume bid week month   |
| PA0006366              | Natural gas hub Northwest Sumas bid week  | Natural gas hub Northwest Sumas bid week month  |
| PA0006367              | Natural gas hub Northwest Sumas Index bid week  | Natural gas hub Northwest Sumas Index bid week month  |
| PA0006368              | Natural gas hub Northwest Sumas no of trades bid week   | Natural gas hub Northwest Sumas no of trades bid week month   |
| PA0006369              | Natural gas hub Northwest Sumas traded volume bid week  | Natural gas hub Northwest Sumas traded volume bid week month  |
| PA0006370              | Natural gas hub Oneok Oklahoma bid week   | Natural gas hub Oneok Oklahoma bid week month   |
| PA0006371              | Natural gas hub Oneok Oklahoma Index bid week   | Natural gas hub Oneok Oklahoma Index bid week month   |
| PA0006372              | Natural gas hub Oneok Oklahoma no of trades bid week  | Natural gas hub Oneok Oklahoma no of trades bid week month  |
| PA0006373              | Natural gas hub Oneok Oklahoma traded volume bid week   | Natural gas hub Oneok Oklahoma traded volume bid week month   |
| PA0006374              | Natural gas hub Panhandle Oklahoma Mainline bid week  | Natural gas hub Panhandle Oklahoma Mainline bid week month  |
| PA0006375              | Natural gas hub Panhandle Oklahoma Mainline Index bid week  | Natural gas hub Panhandle Oklahoma Mainline Index bid week month  |
| PA0006376              | Natural gas hub Panhandle Oklahoma Mainline no of trades bid week   | Natural gas hub Panhandle Oklahoma Mainline no of trades bid week month   |
| PA0006377              | Natural gas hub Panhandle Oklahoma Mainline traded volume bid week  | Natural gas hub Panhandle Oklahoma Mainline traded volume bid week month  |
| PA0006378              | Natural gas hub PG&E Citygates bid week   | Natural gas hub PG&E Citygates bid week month   |



| PA-code   | Old description   | New description   |
|-----------|---|---|
|           | Natural gas hub PG&E Citygates Index bid week                 | Natural gas hub PG&E Citygates Index bid week month                 |
| PA0006380 | Natural gas hub PG&E Citygates no of trades bid week          | Natural gas hub PG&E Citygates no of trades bid week month          |
| PA0006381 | Natural gas hub PGEE Citygates traded volume bid week         | Natural gas hub PG&E Citygates traded volume bid week month         |
| PA0006382 | Natural gas hub PG&E Malin Oregon bid week                    | Natural gas hub PG&E Malin Oregon bid week month                    |
| PA0006383 | Natural gas hub PG&E Malin Oregon Index bid week              | Natural gas hub PG&E Malin Oregon Index bid week month              |
| PA0006384 | Natural gas hub PG&E Malin Oregon no of trades bid week       | Natural gas hub PG&E Malin Oregon no of trades bid week month       |
| PA0006385 | Natural gas hub PG&E Malin Oregon traded volume bid week      | Natural gas hub PG&E Malin Oregon traded volume bid week month      |
| PA0006386 | Natural gas hub PG&E South bid week                           | Natural gas hub PG&E South bid week month                           |
| PA0006387 | Natural gas hub PG&E South Index bid week                     | Natural gas hub PG&E South Index bid week month                     |
| PA0006388 | Natural gas hub PG&E South no of trades bid week              | Natural gas hub PG&E South no of trades bid week month              |
| PA0006389 | Natural gas hub PG&E South traded volume bid week             | Natural gas hub PG&E South traded volume bid week month             |
| PA0006390 | Natural gas hub SoCal Citygates bid week                      | Natural gas hub SoCal Citygates bid week month                      |
|           | Natural gas hub SoCal Citygates Index bid week                | Natural gas hub SoCal Citygates Index bid week month                |
| PA0006392 | Natural gas hub SoCal Citygates no of trades bid week         | Natural gas hub SoCal Citygates no of trades bid week month         |
| PA0006393 | Natural gas hub SoCal Citygates traded volume bid week        | Natural gas hub SoCal Citygates traded volume bid week month        |
| PA0006394 | Natural gas hub SoCal Gas Co bid week                         | Natural gas hub SoCal Gas Co bid week month                         |
| PA0006395 | Natural gas hub SoCal Gas Co Index bid week                   | Natural gas hub SoCal Gas Co Index bid week month                   |
| PA0006396 | Natural gas hub SoCal Gas Co no of trades bid week            | Natural gas hub SoCal Gas Co no of trades bid week month            |
| PA0006397 | Natural gas hub SoCal Gas Co traded volume bid week           | Natural gas hub SoCal Gas Co traded volume bid week month           |
| PA0006398 | Natural gas hub SoNat La bid week                             | Natural gas hub SoNat La bid week month                             |
| PA0006399 | Natural gas hub SoNat La Index bid week                       | Natural gas hub SoNat La Index bid week month                       |
| PA0006400 | Natural gas hub SoNat La no of trades bid week                | Natural gas hub SoNat La no of trades bid week month                |
| PA0006401 | Natural gas hub SoNat La traded volume bid week               | Natural gas hub SoNat La traded volume bid week month               |
| PA0006402 | Natural gas hub Southern Star bid week                        | Natural gas hub Southern Star bid week month                        |
| PA0006403 | Natural gas hub Southern Star Index bid week                  | Natural gas hub Southern Star Index bid week month                  |
| PA0006404 | Natural gas hub Southern Star no of trades bid week           | Natural gas hub Southern Star no of trades bid week month           |
| PA0006405 | Natural gas hub Southern Star traded volume bid week          | Natural gas hub Southern Star traded volume bid week month          |
| PA0006406 | Natural gas hub TGP zone 6 200 L bid week                     | Natural gas hub TGP zone 6 200 L bid week month                     |
| PA0006407 | Natural gas hub TGP zone 6 200 L Index bid week               | Natural gas hub TGP zone 6 200 L Index bid week month               |
| PA0006408 | Natural gas hub TGP zone 6 200 L no of trades bid week        | Natural gas hub TGP zone 6 200 L no of trades bid week month        |
| PA0006409 | Natural gas hub TGP zone 6 200 L traded volume bid week       | Natural gas hub TGP zone 6 200 L traded volume bid week month       |
| PA0006410 | Natural gas hub TETCO E La bid week                           | Natural gas hub TETCO E La bid week month                           |
| PA0006411 | Natural gas hub TETCO E La Index bid week                     | Natural gas hub TETCO E La Index bid week month                     |
| PA0006412 | Natural gas hub TETCO E La no of trades bid week              | Natural gas hub TETCO E La no of trades bid week month              |
| PA0006413 | Natural gas hub TETCO E La traded volume bid week             | Natural gas hub TETCO E La traded volume bid week month             |
| PA0006414 | Natural gas hub TETCO M-1 30 bid week                         | Natural gas hub TETCO M-1 30 bid week month                         |
| PA0006415 | Natural gas hub TETCO M-1 30 Index bid week                   | Natural gas hub TETCO M-1 30 Index bid week month                   |
| PA0006416 | Natural gas hub TETCO M-1 30 no of trades bid week            | Natural gas hub TETCO M-1 30 no of trades bid week month            |
| PA0006417 | Natural gas hub TETCO M-1 30 traded volume bid week           | Natural gas hub TETCO M-1 30 traded volume bid week month           |
| PA0006418 | Natural gas hub TETCO South Texas zone bid week               | Natural gas hub TETCO South Texas zone bid week month               |
| PA0006419 | Natural gas hub TETCO South Texas zone Index bid week         | Natural gas hub TETCO South Texas zone Index bid week month         |
| PA0006420 | Natural gas hub TETCO South Texas zone no of trades bid week  | Natural gas hub TETCO South Texas zone no of trades bid week month  |
| PA0006421 | Natural gas hub TETCO South Texas zone traded volume bid week | Natural gas hub TETCO South Texas zone traded volume bid week month |
| PA0006422 | Natural gas hub TETCO M-3 bid week                            | Natural gas hub TETCO M-3 bid week month                            |
| PA0006423 | Natural gas hub TETCO M-3 Index bid week                      | Natural gas hub TETCO M-3 Index bid week month                      |
| PA0006424 | Natural gas hub TETCO M-3 no of trades bid week               | Natural gas hub TETCO M-3 no of trades bid week month               |
| PA0006425 | Natural gas hub TETCO M-3 traded volume bid week              | Natural gas hub TETCO M-3 traded volume bid week month              |
| PA0006426 | Natural gas hub TGP La 500 Leg bid week                       | Natural gas hub TGP La 500 Leg bid week month                       |
| PA0006427 | Natural gas hub TGP La 500 Leg Index bid week                 | Natural gas hub TGP La 500 Leg Index bid week month                 |
| PA0006428 | Natural gas hub TGP La 500 Leg no of trades bid week          | Natural gas hub TGP La 500 Leg no of trades bid week month          |
| PA0006429 | Natural gas hub TGP La 500 Leg traded volume bid week         | Natural gas hub TGP La 500 Leg traded volume bid week month         |
| PA0006430 | Natural gas hub TGP La 800 Leg bid week                       | Natural gas hub TGP La 800 Leg bid week month                       |
|           | Natural gas hub TGP La 800 Leg Index bid week                 | Natural gas hub TGP La 800 Leg Index bid week month                 |
|           | Natural gas hub TGP La 800 Leg no of trades bid week          | Natural gas hub TGP La 800 Leg no of trades bid week month          |
| PA0006433 | Natural gas hub TGP La 800 Leg traded volume bid week         | Natural gas hub TGP La 800 Leg traded volume bid week month         |
| PA0006438 | Natural gas hub TGT zone 1 bid week                           | Natural gas hub TGT zone 1 bid week month                           |



| PA-code   | Old description   | New description   |
|-----------|---|---|
| PA0006439 | Natural gas hub TGT zone 1 Index bid week                   | Natural gas hub TGT zone 1 Index bid week month                   |
| PA0006440 | Natural gas hub TGT zone 1 no of trades bid week            | Natural gas hub TGT zone 1 no of trades bid week month            |
| PA0006441 | Natural gas hub TGT zone 1 traded volume bid week           | Natural gas hub TGT zone 1 traded volume bid week month           |
| PA0006446 | Natural gas hub Transco zone 1 bid week                     | Natural gas hub Transco zone 1 bid week month                     |
| PA0006447 | Natural gas hub Transco zone 1 Index bid week               | Natural gas hub Transco zone 1 Index bid week month               |
| PA0006448 | Natural gas hub Transco zone 1 no of trades bid week        | Natural gas hub Transco zone 1 no of trades bid week month        |
| PA0006449 | Natural gas hub Transco zone 1 traded volume bid week       | Natural gas hub Transco zone 1 traded volume bid week month       |
| PA0006450 | Natural gas hub Transco zone 2 bid week                     | Natural gas hub Transco zone 2 bid week month                     |
| PA0006451 | Natural gas hub Transco zone 2 Index bid week               | Natural gas hub Transco zone 2 Index bid week month               |
| PA0006452 | Natural gas hub Transco zone 2 no of trades bid week        | Natural gas hub Transco zone 2 no of trades bid week month        |
| PA0006453 | Natural gas hub Transco zone 2 traded volume bid week       | Natural gas hub Transco zone 2 traded volume bid week month       |
| PA0006454 | Natural gas hub Transco zone 3 bid week                     | Natural gas hub Transco zone 3 bid week month                     |
| PA0006455 | Natural gas hub Transco zone 3 Index bid week               | Natural gas hub Transco zone 3 Index bid week month               |
| PA0006456 | Natural gas hub Transco zone 3 no of trades bid week        | Natural gas hub Transco zone 3 no of trades bid week month        |
| PA0006457 | Natural gas hub Transco zone 3 traded volume bid week       | Natural gas hub Transco zone 3 traded volume bid week month       |
| PA0006458 | Natural gas hub Transco zone 4 bid week                     | Natural gas hub Transco zone 4 bid week month                     |
| PA0006459 | Natural gas hub Transco zone 4 Index bid week               | Natural gas hub Transco zone 4 Index bid week month               |
| PA0006460 | Natural gas hub Transco zone 4 no of trades bid week        | Natural gas hub Transco zone 4 no of trades bid week month        |
| PA0006461 | Natural gas hub Transco zone 4 traded volume bid week       | Natural gas hub Transco zone 4 traded volume bid week month       |
| PA0006462 | Natural gas hub Transco zone 6 nonNY bid week               | Natural gas hub Transco zone 6 nonNY bid week month               |
| PA0006463 | Natural gas hub Transco zone 6 nonNY Index bid week         | Natural gas hub Transco zone 6 nonNY Index bid week month         |
| PA0006464 | Natural gas hub Transco zone 6 nonNY no of trades bid week  | Natural gas hub Transco zone 6 nonNY no of trades bid week month  |
| PA0006465 | Natural gas hub Transco zone 6 nonNY traded volume bid week | Natural gas hub Transco zone 6 nonNY traded volume bid week month |
| PA0006466 | Natural gas hub Transco zone 6 NY bid week                  | Natural gas hub Transco zone 6 NY bid week month                  |
| PA0006467 | Natural gas hub Transco zone 6 NY Index bid week            | Natural gas hub Transco zone 6 NY Index bid week month            |
| PA0006468 | Natural gas hub Transco zone 6 NY no of trades bid week     | Natural gas hub Transco zone 6 NY no of trades bid week month     |
| PA0006469 | Natural gas hub Transco zone 6 NY traded volume bid week    | Natural gas hub Transco zone 6 NY traded volume bid week month    |
| PA0006470 | Natural gas hub Trunkline La bid week                       | Natural gas hub Trunkline La bid week month                       |
| PA0006471 | Natural gas hub Trunkline La Index bid week                 | Natural gas hub Trunkline La Index bid week month                 |
| PA0006472 | Natural gas hub Trunkline La no of trades bid week          | Natural gas hub Trunkline La no of trades bid week month          |
| PA0006473 | Natural gas hub Trunkline La traded volume bid week         | Natural gas hub Trunkline La traded volume bid week month         |
| PA0006474 | Natural gas hub Waha bid week                               | Natural gas hub Waha bid week month                               |
| PA0006475 | Natural gas hub Waha Index bid week                         | Natural gas hub Waha Index bid week month                         |
| PA0006476 | Natural gas hub Waha no of trades bid week                  | Natural gas hub Waha no of trades bid week month                  |
| PA0006477 | Natural gas hub Waha traded volume bid week                 | Natural gas hub Waha traded volume bid week month                 |
| PA0006478 | Natural gas hub Dominion Appalachia bid week                | Natural gas hub Dominion Appalachia bid week month                |
| PA0006479 | Natural gas hub Dominion Appalachia Index bid week          | Natural gas hub Dominion Appalachia Index bid week month          |
| PA0006480 | Natural gas hub Dominion Appalachia no of trades bid week   | Natural gas hub Dominion Appalachia no of trades bid week month   |
| PA0006481 | Natural gas hub Dominion Appalachia traded volume bid week  | Natural gas hub Dominion Appalachia traded volume bid week month  |
| PA0006486 | Natural gas hub NWPL Rocky Mountains bid week               | Natural gas hub NWPL Rocky Mountains bid week month               |
| PA0006487 | Natural gas hub NWPL Rocky Mountains Index bid week         | Natural gas hub NWPL Rocky Mountains Index bid week month         |
| PA0006488 | Natural gas hub NWPL Rocky Mountains no of trades bid week  | Natural gas hub NWPL Rocky Mountains no of trades bid week month  |
| PA0006489 | Natural gas hub NWPL Rocky Mountains traded volume bid week | Natural gas hub NWPL Rocky Mountains traded volume bid week month |
| PA0006490 | Natural gas hub NIT/AECO Basis bid week                     | Natural gas hub NIT/AECO Basis bid week month                     |
| PA0006491 | Natural gas hub NIT/AECO Basis Index bid week               | Natural gas hub NIT/AECO Basis Index bid week month               |
| PA0006492 | Natural gas hub NIT/AECO Basis no of trades bid week        | Natural gas hub NIT/AECO Basis no of trades bid week month        |
| PA0006493 | Natural gas hub NIT/AECO Basis traded volume bid week       | Natural gas hub NIT/AECO Basis traded volume bid week month       |
| PA0006494 | Natural gas hub NIT/AECO C\$/GJ bid week                    | Natural gas hub NIT/AECO C\$/GJ bid week month                    |
| PA0006495 | Natural gas hub NIT/AECO C\$/GJ Index bid week              | Natural gas hub NIT/AECO C\$/GJ Index bid week month              |
| PA0006496 | Natural gas hub NIT/AECO Basis C\$/GJ bid week              | Natural gas hub NIT/AECO Basis C\$/GJ bid week month              |
| PA0006497 | Natural gas hub NIT/AECO Basis C\$/GJ Index bid week        | Natural gas hub NIT/AECO Basis C\$/GJ Index bid week month        |
| PA0006511 | Natural gas hub ANR ML7 bid week                            | Natural gas hub ANR ML7 bid week month                            |
| PA0006512 | Natural gas hub ANR ML7 Index bid week                      | Natural gas hub ANR ML7 Index bid week month                      |
| PA0006513 | Natural gas hub ANR ML7 no of trades bid week               | Natural gas hub ANR ML7 no of trades bid week month               |
| PA0006514 | Natural gas hub ANR ML7 traded volume bid week              | Natural gas hub ANR ML7 traded volume bid week month              |
| PA0006515 | Natural gas hub TETCO W La bid week                         | Natural gas hub TETCO W La bid week month                         |
|           |   |   |



| PA-code                | Old description   | New description   |
|------------------------|---|---|
| PA0006516              | Natural gas hub TETCO W La Index bid week   | Natural gas hub TETCO W La Index bid week month   |
| PA0006517              | Natural gas hub TETCO W La no of trades bid week  | Natural gas hub TETCO W La no of trades bid week month  |
| PA0006518              | Natural gas hub TETCO W La traded volume bid week   | Natural gas hub TETCO W La traded volume bid week month   |
| PA0006519              | Natural gas hub TETCO ETX bid week  | Natural gas hub TETCO ETX bid week month  |
| PA0006520              | Natural gas hub TETCO ETX Index bid week  | Natural gas hub TETCO ETX Index bid week month  |
| PA0006521              | Natural gas hub TETCO ETX no of trades bid week   | Natural gas hub TETCO ETX no of trades bid week month   |
| PA0006522              | Natural gas hub TETCO ETX traded volume bid week  | Natural gas hub TETCO ETX traded volume bid week month  |
| PA0006759              | Natural gas hub Lebanon bid week  | Natural gas hub Lebanon bid week month  |
| PA0006760              | Natural gas hub Lebanon Index bid week  | Natural gas hub Lebanon Index bid week month  |
| PA0006761              | Natural gas hub Lebanon no of trades bid week   | Natural gas hub Lebanon no of trades bid week month   |
| PA0006762              | Natural gas hub Lebanon traded volume bid week  | Natural gas hub Lebanon traded volume bid week month  |
| PA0006769              | Natural gas hub Northern Border Ventura Transfer bid week                                       | Natural gas hub Northern Border Ventura Transfer bid week month   |
| PA0006770              | Natural gas hub Northern Border Ventura Transfer Index bid week                                 | Natural gas hub Northern Border Ventura Transfer Index bid week month                                       |
| PA0006771              | Natural gas hub Northern Border Ventura Transfer no of trades bid week                          | Natural gas hub Northern Border Ventura Transfer no of trades bid week month                                |
| PA0006772              | Natural gas hub Northern Border Ventura Transfer traded volume bid week                         | Natural gas hub Northern Border Ventura Transfer traded volume bid week month                               |
| PA0006781              | Natural gas hub Westcoast station 2 bid week  | Natural gas hub Westcoast station 2 bid week month  |
| PA0006782              | Natural gas hub Westcoast station 2 Index bid week  | Natural gas hub Westcoast station 2 Index bid week month  |
| PA0006783              | Natural gas hub Westcoast station 2 no of trades bid week                                       | Natural gas hub Westcoast station 2 no of trades bid week month   |
| PA0006784              | Natural gas hub Westcoast station 2 traded volume bid week                                      | Natural gas hub Westcoast station 2 traded volume bid week month  |
| PA0006785              | Natural gas hub Westcoast station 2 C\$/GJ bid week   | Natural gas hub Westcoast station 2 C\$/GJ bid week month   |
| PA0006786              | Natural gas hub Westcoast station 2 C\$/GJ Index bid week                                       | Natural gas hub Westcoast station 2 C\$/GJ Index bid week month   |
| PA0006791              | Natural gas hub Iroquois Waddington bid week  | Natural gas hub Iroquois Waddington bid week month  |
| PA0006792              | Natural gas hub Iroquois Waddington Index bid week  | Natural gas hub Iroquois Waddington Index bid week month  |
| PA0006793              | Natural gas hub Iroquois Waddington no of trades bid week                                       | Natural gas hub Iroquois Waddington no of trades bid week month   |
| PA0006794              | Natural gas hub Iroquois Waddington traded volume bid week                                      | Natural gas hub Iroquois Waddington traded volume bid week month  |
| PA0006795              | Natural gas hub NNG Ventura bid week  | Natural gas hub NNG Ventura bid week month  |
| PA0006796              | Natural gas hub NNG Ventura Index bid week  | Natural gas hub NNG Ventura Index bid week month  |
| PA0006797              | Natural gas hub NNG Ventura no of trades bid week   | Natural gas hub NNG Ventura no of trades bid week month   |
| PA0006798<br>PA0007178 | Natural gas hub NNG Ventura traded volume bid week<br>Natural gas hub TGP zone 0 North bid week | Natural gas hub NNG Ventura traded volume bid week month<br>Natural gas hub TGP zone 0 North bid week month |
| PA0007178<br>PA0007179 | Natural gas hub TGP zone 0 North Index bid week   | Natural gas hub TGP zone 0 North Index bid week month   |
| PA0007179<br>PA0007180 | Natural gas hub TGP zone 0 North no of trades bid week  | Natural gas hub TGP zone 0 North no of trades bid week month  |
| PA0007180              | Natural gas hub TGP zone 0 North traded volume bid week   | Natural gas hub TGP zone 0 North traded volume bid week month   |
| PA0007188              | Natural gas hub TGP zone 0 South bid week   | Natural gas hub TGP zone 0 South bid week month   |
| PA0007189              | Natural gas hub TGP zone 0 South Fid week   | Natural gas hub TGP zone 0 South Index bid week month   |
| PA0007190              | Natural gas hub TGP zone 0 South no of trades bid week  | Natural gas hub TGP zone 0 South no of trades bid week month  |
| PA0007191              | Natural gas hub TGP zone 0 South traded volume bid week   | Natural gas hub TGP zone 0 South traded volume bid week month   |
| PA0007192              | Natural gas hub Trunkline Z1A bid week  | Natural gas hub Trunkline Z1A bid week month  |
| PA0007193              | Natural gas hub Trunkline Z1A Index bid week  | Natural gas hub Trunkline Z1A Index bid week month  |
| PA0007194              | Natural gas hub Trunkline Z1A no of trades bid week   | Natural gas hub Trunkline Z1A no of trades bid week month   |
| PA0007195              | Natural gas hub Trunkline Z1A traded volume bid week  | Natural gas hub Trunkline Z1A traded volume bid week month  |
| PA0007843              | Natural gas hub Leidy bid week  | Natural gas hub Leidy bid week month  |
| PA0007844              | Natural gas hub Leidy Index bid week  | Natural gas hub Leidy Index bid week month  |
| PA0007845              | Natural gas hub Leidy no of trades bid week   | Natural gas hub Leidy no of trades bid week month   |
| PA0007846              | Natural gas hub Leidy traded volume bid week  | Natural gas hub Leidy traded volume bid week month  |
| PA0007847              | Natural gas hub Carthage bid week   | Natural gas hub Carthage bid week month   |
| PA0007848              | Natural gas hub Carthage Index bid week   | Natural gas hub Carthage Index bid week month   |
| PA0007849              | Natural gas hub Carthage no of trades bid week  | Natural gas hub Carthage no of trades bid week month  |
| PA0007850              | Natural gas hub Carthage traded volume bid week   | Natural gas hub Carthage traded volume bid week month   |
| PA0007851              | Natural gas hub TETCO M-1 24 bid week   | Natural gas hub TETCO M-1 24 bid week month   |
| PA0007852              | Natural gas hub TETCO M-1 24 Index bid week   | Natural gas hub TETCO M-1 24 Index bid week month   |
| PA0007853              | Natural gas hub TETCO M-1 24 no of trades bid week  | Natural gas hub TETCO M-1 24 no of trades bid week month  |
| PA0007854              | Natural gas hub TETCO M-1 24 traded volume bid week   | Natural gas hub TETCO M-1 24 traded volume bid week month   |
| PA0007859              | Natural gas hub Emerson Viking GL bid week  | Natural gas hub Emerson Viking GL bid week month  |
| PA0007860              | Natural gas hub Emerson Viking GL Index bid week  | Natural gas hub Emerson Viking GL Index bid week month  |
| PA0007861              | Natural gas hub Emerson Viking GL no of trades bid week   | Natural gas hub Emerson Viking GL no of trades bid week month   |



| PA-code                | Old description  | New description  |
|------------------------|--|--|
|                        | Natural gas hub Emerson Viking GL traded volume bid week           | Natural gas hub Emerson Viking GL traded volume bid week month           |
| PA0007863              | Natural gas hub Kern River receipts bid week                       | Natural gas hub Kern River receipts bid week month                       |
| PA0007864              | Natural gas hub Kern River receipts Index bid week                 | Natural gas hub Kern River receipts Index bid week month                 |
| PA0007865              | Natural gas hub Kern River receipts no of trades bid week          | Natural gas hub Kern River receipts no of trades bid week month          |
| PA0007866              | Natural gas hub Kern River receipts traded volume bid week         | Natural gas hub Kern River receipts traded volume bid week month         |
| PA0007800<br>PA0008262 | Natural gas hub Transwestern Permian Basin bid week                | Natural gas hub Transwestern Permian Basin bid week month                |
| PA0008263              | Natural gas hub Transvestern Permian Basin Index bid week          | Natural gas hub Transwestern Permian Basin Index bid week month          |
| PA0008264              | Natural gas hub Transwestern Permian Basin no of trades bid week   | Natural gas hub Transwestern Permian Basin no of trades bid week month   |
| PA0008265              | Natural gas hub Transrestern Fermian Basin no of bases of the Meek | Natural gas hub Transwestern Permian Basin traded volume bid week month  |
| PA0008266              | Natural gas hub Transwestern San Juan Basin bid week               | Natural gas hub Transwestern San Juan Basin bid week month               |
| PA0008267              | Natural gas hub Transwestern San Juan Basin Index bid week         | Natural gas hub Transwestern San Juan Basin Index bid week month         |
| PA0008268              | Natural gas hub Transwestern San Juan Basin no of trades bid week  | Natural gas hub Transwestern San Juan Basin no of trades bid week month  |
| PA0008269              | Natural gas hub Transwestern San Juan Basin traded volume bid week | Natural gas hub Transwestern San Juan Basin traded volume bid week month |
| PA0008270              | Natural gas hub Empress bid week                                   | Natural gas hub Empress bid week month                                   |
| PA0008271              | Natural gas hub Empress Index bid week                             | Natural gas hub Empress Index bid week month                             |
| PA0008272              | Natural gas hub Empress no of trades bid week                      | Natural gas hub Empress no of trades bid week month                      |
| PA0008273              | Natural gas hub Empress traded volume bid week                     | Natural gas hub Empress traded volume bid week month                     |
| PA0008296              | Natural gas hub Empress C\$/GJ bid week                            | Natural gas hub Empress C\$/GJ bid week month                            |
| PA0008297              | Natural gas hub Empress C\$/GJ Index bid week                      | Natural gas hub Empress C\$/GJ Index bid week month                      |
| PA0008519              | Natural gas hub Dawn Ontario C\$/GJ bid week                       | Natural gas hub Dawn Ontario C\$/GJ bid week month                       |
| PA0008520              | Natural gas hub Dawn Ontario C\$/GJ Index bid week                 | Natural gas hub Dawn Ontario C\$/GJ Index bid week month                 |
|                        | Natural gas hub TETCO M-2 receipts bid week                        | Natural gas hub TETCO M-2 receipts bid week month                        |
| PA0008574              | Natural gas hub TETCO M-2 receipts Index bid week                  | Natural gas hub TETCO M-2 receipts Index bid week month                  |
| PA0008575              | Natural gas hub TETCO M-2 receipts no of trades bid week           | Natural gas hub TETCO M-2 receipts no of trades bid week month           |
|                        | Natural gas hub TETCO M-2 receipts traded volume bid week          | Natural gas hub TETCO M-2 receipts traded volume bid week month          |
| PA0008785              | Natural gas hub Opal bid week                                      | Natural gas hub Opal bid week month                                      |
| PA0008786              | Natural gas hub Opal Index bid week                                | Natural gas hub Opal Index bid week month                                |
| PA0008787              | Natural gas hub Opal no of trades bid week                         | Natural gas hub Opal no of trades bid week month                         |
| PA0008788              | Natural gas hub Opal traded volume bid week                        | Natural gas hub Opal traded volume bid week month                        |
| PA0009487              | Natural gas hub Houston Ship Channel All bid week                  | Natural gas hub Houston Ship Channel All bid week month                  |
| PA0009488              | Natural gas hub Houston Ship Channel All Index bid week            | Natural gas hub Houston Ship Channel All Index bid week month            |
| PA0009489              | Natural gas hub Houston Ship Channel All no of trades bid week     | Natural gas hub Houston Ship Channel All no of trades bid week month     |
| PA0009490              | Natural gas hub Houston Ship Channel All traded volume bid week    | Natural gas hub Houston Ship Channel All traded volume bid week month    |
| PA0009676              | Natural gas hub TGP zone 4 Marcellus bid week                      | Natural gas hub TGP zone 4 Marcellus bid week month                      |
| PA0009677              | Natural gas hub TGP zone 4 Marcellus Index bid week                | Natural gas hub TGP zone 4 Marcellus Index bid week month                |
| PA0009678              | Natural gas hub TGP zone 4 Marcellus no of trades bid week         | Natural gas hub TGP zone 4 Marcellus no of trades bid week month         |
| PA0009679              | Natural gas hub TGP zone 4 Marcellus traded volume bid week        | Natural gas hub TGP zone 4 Marcellus traded volume bid week month        |
| PA0011972              | Natural gas hub TGP zone 4 200 Line bid week                       | Natural gas hub TGP zone 4 200 Line bid week month                       |
| PA0011973              | Natural gas hub TGP zone 4 200 Line Index bid week                 | Natural gas hub TGP zone 4 200 Line Index bid week month                 |
| PA0011974              | Natural gas hub TGP zone 4 200 Line no of trades bid week          | Natural gas hub TGP zone 4 200 Line no of trades bid week month          |
| PA0011975              | Natural gas hub TGP zone 4 200 Line traded volume bid week         | Natural gas hub TGP zone 4 200 Line traded volume bid week month         |
| PA0011977              | Natural gas hub Leidy Line bid week                                | Natural gas hub Leidy Line bid week month                                |
| PA0011978              | Natural gas hub Leidy Line Index bid week                          | Natural gas hub Leidy Line Index bid week month                          |
|                        | Natural gas hub Leidy Line no of trades bid week                   | Natural gas hub Leidy Line no of trades bid week month                   |
| PA0011980              | Natural gas hub Leidy Line traded volume bid week                  | Natural gas hub Leidy Line traded volume bid week month                  |
| PA0013157              | Natural gas hub Florida Gas zone 2 bid week                        | Natural gas hub Florida Gas zone 2 bid week month                        |
| PA0013158              | Natural gas hub Florida Gas zone 2 Index bid week                  | Natural gas hub Florida Gas zone 2 Index bid week month                  |
| PA0013159              | Natural gas hub Florida Gas zone 2 no of trades bid week           | Natural gas hub Florida Gas zone 2 no of trades bid week month           |
| PA0013160              | Natural gas hub Florida Gas zone 2 traded volume bid week          | Natural gas hub Florida Gas zone 2 traded volume bid week month          |
| PA0015297              | Natural gas hub Transco zone 6 nonNY North bid week                | Natural gas hub Transco zone 6 nonNY North bid week month                |
| PA0015298              | Natural gas hub Transco zone 6 nonNY North Index bid week          | Natural gas hub Transco zone 6 nonNY North Index bid week month          |
| PA0015299              | Natural gas hub Transco zone 6 nonNY North no of trades bid week   | Natural gas hub Transco zone 6 nonNY North no of trades bid week month   |
| PA0015300              | Natural gas hub Transco zone 6 nonNY North traded volume bid week  | Natural gas hub Transco zone 6 nonNY North traded volume bid week month  |
|                        | Natural gas hub Chicago Peoples bid week                           | Natural gas hub Chicago Peoples bid week month                           |
| PA0017190              | Natural gas hub Chicago Peoples Index bid week                     | Natural gas hub Chicago Peoples Index bid week month                     |
| PA0017191              | Natural gas hub Chicago Peoples no of trades bid week              | Natural gas hub Chicago Peoples no of trades bid week month              |



| PA-code   | Old description   | New description   |
|-----------|---|---|
| PA0017192 | Natural gas hub Chicago Peoples traded volume bid week      | Natural gas hub Chicago Peoples traded volume bid week month      |
| PA0017200 | Natural gas hub Chicago Nipsco bid week                     | Natural gas hub Chicago Nipsco bid week month                     |
| PA0017201 | Natural gas hub Chicago Nipsco Index bid week               | Natural gas hub Chicago Nipsco Index bid week month               |
| PA0017202 | Natural gas hub Chicago Nipsco no of trades bid week        | Natural gas hub Chicago Nipsco no of trades bid week month        |
| PA0017203 | Natural gas hub Chicago Nipsco traded volume bid week       | Natural gas hub Chicago Nipsco traded volume bid week month       |
| PA0017211 | Natural gas hub Chicago Nicor bid week                      | Natural gas hub Chicago Nicor bid week month                      |
| PA0017212 | Natural gas hub Chicago Nicor Index bid week                | Natural gas hub Chicago Nicor Index bid week month                |
| PA0017213 | Natural gas hub Chicago Nicor no of trades bid week         | Natural gas hub Chicago Nicor no of trades bid week month         |
| PA0017214 | Natural gas hub Chicago Nicor traded volume bid week        | Natural gas hub Chicago Nicor traded volume bid week month        |
| PA0017270 | Natural gas hub Transco zone 5 bid week                     | Natural gas hub Transco zone 5 bid week month                     |
| PA0017271 | Natural gas hub Transco zone 5 Index bid week               | Natural gas hub Transco zone 5 Index bid week month               |
| PA0017272 | Natural gas hub Transco zone 5 no of trades bid week        | Natural gas hub Transco zone 5 no of trades bid week month        |
| PA0017273 | Natural gas hub Transco zone 5 traded volume bid week       | Natural gas hub Transco zone 5 traded volume bid week month       |
| PA0019262 | Natural gas hub Transco zone 5 North bid week               | Natural gas hub Transco zone 5 North bid week month               |
| PA0019263 | Natural gas hub Transco zone 5 North Index bid week         | Natural gas hub Transco zone 5 North Index bid week month         |
| PA0019264 | Natural gas hub Transco zone 5 North no of trades bid week  | Natural gas hub Transco zone 5 North no of trades bid week month  |
| PA0019265 | Natural gas hub Transco zone 5 North traded volume bid week | Natural gas hub Transco zone 5 North traded volume bid week month |
| PA0019266 | Natural gas hub Transco zone 5 South bid week               | Natural gas hub Transco zone 5 South bid week month               |
| PA0019267 | Natural gas hub Transco zone 5 South Index bid week         | Natural gas hub Transco zone 5 South Index bid week month         |
| PA0019268 | Natural gas hub Transco zone 5 South no of trades bid week  | Natural gas hub Transco zone 5 South no of trades bid week month  |
| PA0019269 | Natural gas hub Transco zone 5 South traded volume bid week | Natural gas hub Transco zone 5 South traded volume bid week month |
| PA0019270 | Natural gas hub Dominion North Point bid week               | Natural gas hub Dominion North Point bid week month               |
| PA0019271 | Natural gas hub Dominion North Point Index bid week         | Natural gas hub Dominion North Point Index bid week month         |
| PA0019272 | Natural gas hub Dominion North Point no of trades bid week  | Natural gas hub Dominion North Point no of trades bid week month  |
| PA0019273 | Natural gas hub Dominion North Point traded volume bid week | Natural gas hub Dominion North Point traded volume bid week month |
| PA0019274 | Natural gas hub Millennium receipts bid week                | Natural gas hub Millennium receipts bid week month                |
| PA0019275 | Natural gas hub Millennium receipts Index bid week          | Natural gas hub Millennium receipts Index bid week month          |
| PA0019276 | Natural gas hub Millennium receipts no of trades bid week   | Natural gas hub Millennium receipts no of trades bid week month   |
| PA0019277 | Natural gas hub Millennium receipts traded volume bid week  | Natural gas hub Millennium receipts traded volume bid week month  |
| PA0019278 | Natural gas hub White River Hub bid week                    | Natural gas hub White River Hub bid week month                    |
| PA0019279 | Natural gas hub White River Hub Index bid week              | Natural gas hub White River Hub Index bid week month              |
| PA0019280 | Natural gas hub White River Hub no of trades bid week       | Natural gas hub White River Hub no of trades bid week month       |
| PA0019281 | Natural gas hub White River Hub traded volume bid week      | Natural gas hub White River Hub traded volume bid week month      |
| PA0019282 | Natural gas hub REX Edgar-Midwestern bid week               | Natural gas hub REX Edgar-Midwestern bid week month               |
| PA0019283 | Natural gas hub REX Edgar-Midwestern Index bid week         | Natural gas hub REX Edgar-Midwestern Index bid week month         |
| PA0019284 | Natural gas hub REX Edgar-Midwestern no of trades bid week  | Natural gas hub REX Edgar-Midwestern no of trades bid week month  |
| PA0019285 | Natural gas hub REX Edgar-Midwestern traded volume bid week | Natural gas hub REX Edgar-Midwestern traded volume bid week month |
| PA0019286 | Natural gas hub REX Moultrie-NGPL bid week                  | Natural gas hub REX Moultrie-NGPL bid week month                  |
| PA0019287 | Natural gas hub REX Moultrie-NGPL Index bid week            | Natural gas hub REX Moultrie-NGPL Index bid week month            |
| PA0019288 | Natural gas hub REX Moultrie-NGPL no of trades bid week     | Natural gas hub REX Moultrie-NGPL no of trades bid week month     |
| PA0019289 | Natural gas hub REX Moultrie-NGPL traded volume bid week    | Natural gas hub REX Moultrie-NGPL traded volume bid week month    |
| PA0019290 | Natural gas hub REX Zone 3 bid week                         | Natural gas hub REX Zone 3 bid week month                         |
| PA0019291 | Natural gas hub REX Zone 3 Index bid week                   | Natural gas hub REX Zone 3 Index bid week month                   |
| PA0019292 | Natural gas hub REX Zone 3 no of trades bid week            | Natural gas hub REX Zone 3 no of trades bid week month            |
| PA0019293 | Natural gas hub REX Zone 3 traded volume bid week           | Natural gas hub REX Zone 3 traded volume bid week month           |
| PA0021411 | Natural gas hub REX Shelby-ANR bid week                     | Natural gas hub REX Shelby-ANR bid week month                     |
| PA0021412 | Natural gas hub REX Shelby-ANR Index bid week               | Natural gas hub REX Shelby-ANR Index bid week month               |
| PA0021413 | Natural gas hub REX Shelby-ANR no of trades bid week        | Natural gas hub REX Shelby-ANR no of trades bid week month        |
| PA0021414 | Natural gas hub REX Shelby-ANR traded volume bid week       | Natural gas hub REX Shelby-ANR traded volume bid week month       |

