



GOVERNMENT OF THE REPUBLIC OF TRINIDAD AND TOBAGO  
MINISTRY OF ENERGY AND ENERGY INDUSTRIES

CONSOLIDATED MONTHLY BULLETINS

**January - December 2021**



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Please note that totals may not be the exact sum of components due to rounding up/down.

Image on Cover Page : Caribbean Gas Chemical Limited Methanol to DME Facility, Union Industrial Estate, La Brea [Source : Caribbean Gas Chemical Limited]

## LIST OF ABBREVIATIONS USED

### Company and Facility Names

|                 |                                                     |                 |                                                             |
|-----------------|-----------------------------------------------------|-----------------|-------------------------------------------------------------|
| ALNG            | - Atlantic LNG                                      | N2000           | - Nitrogen 2000 Unlimited                                   |
| ATLAS           | - Atlas Methanol Plant                              | NGC             | - The National Gas Company of Trinidad & Tobago Ltd         |
| AUM-NH3         | - Ammonia Plant from AUM Complex                    | NHETT           | - New Horizon Energy Trinidad and Tobago Ltd                |
| AVDWL           | - A&V Drilling and Workover Limited                 | NUTRIEN 1,2,3,4 | - Nutrien Ammonia Plants 1, 2, 3, 4 (Formerly PCS)          |
| AVOGL           | - A&V Oil & Gas Ltd                                 | NUTRIEN (Urea)  | - Nutrien Urea Plant                                        |
| BHP             | - BHP Billiton Petroleum (Trinidad Block 3) Limited | ORB             | - Ortoire Block                                             |
| BOLT            | - Beach Oilfield Trinidad Limited                   | PCSL            | - Petroleum Contracting Services Limited                    |
| BPTT            | - BP Trinidad and Tobago LLC                        | PEREN           | - Perenco Trinidad & Tobago                                 |
| CEBL            | - Columbus Energy Bonasse Ltd                       | PLNL            | - Point Lisas Nitrogen Ltd (formerly Farmland MissChem Ltd) |
| CESL            | - Columbus Energy Services Ltd                      | POGTL           | - Primera Oil & Gas T'dad Ltd                               |
| CGCL            | - Caribbean Gas Chemical Ltd                        | PPGPL           | - Phoenix Park Gas Processors Ltd                           |
| CMC (M2)        | - Caribbean Methanol Company Ltd (& Plant)          | PRIM            | - Primera Oil and Gas Ltd (formerly PCOL)                   |
| CNC             | - Caribbean Nitrogen Company Ltd (& Plant)          | PTRIN           | - Petroleum Company of Trinidad and Tobago Ltd              |
| DEEP INV        | - Deepwater Invictus                                | RALCOFF         | - Ralph Coffman Rig                                         |
| DD 111          | - Development Driller 111                           | REG ALL         | - Regina Allen                                              |
| DENOVO          | - DeNovo Energy                                     | REXLI           | - Rowan EXL II Rig                                          |
| DOV             | - Diamond Ocean Victory Rig                         | RG VI           | - Rowan Gorilla VI                                          |
| EICL            | - Eagle Ibis Consulting Ltd                         | RPTTL           | - Rocky Point T&T Ltd                                       |
| EOG             | - EOG Resources Trinidad Ltd                        | RRDSL           | - Range Resources Drilling Services Ltd                     |
| FETL            | - Fram Exploration Trinidad Limited                 | SHELL           | - Shell Trinidad                                            |
| HPCL            | - Heritage Petroleum Co Ltd                         | SVDL            | - Star Valley Drilling (Trinidad) Ltd                       |
| HPCL (Offshore) | - Formerly Petrotrin Trinmar                        | TDD 3           | - Transocean Development Driller 3                          |
| JOEDOUG         | - Joe Douglas Rig                                   | TEPGL           | - Trinity Exploration & Production (Galeota)Ltd             |
| LOL             | - Lease Operators Ltd                               | TEPL            | - Trinity Exploration & Production Ltd (Oilbelt)            |
| LTL             | - Leni Trinidad Ltd                                 | TETL            | - Touchstone Exploration (Trinidad) Ltd                     |
| MIV (M4)        | - Methanol IV Company Ltd Plant                     | TITAN           | - Titan Methanol Plant                                      |
| M5000 (M5)      | - M5000 Methanol Plant                              | TMAR            | - Trinmar Strategic Business Unit, Petrotrin                |
| MAERSK DEV      | - Maersk Developer                                  | TRINGEN I & II  | - Trinidad Nitrogen Company Ltd Plants I & II               |
| MAERSK DIS      | - Maersk Discoverer                                 | TTMC I (M1)     | - Trinidad and Tobago Methanol Company Ltd Plant I          |
| MAT1            | - Matapal                                           | TTMC II (M3)    | - Trinidad and Tobago Methanol Company Ltd Plant II         |
| MEPR            | - Massy Energy Production Resources                 | WSL             | - Well Services Petroleum Company Limited                   |
| MOCL            | - Moonsie Oil Co. Ltd                               | WWL             | - Walkerwell Limited                                        |
|                 |                                                     | YARA            | - Yara Trinidad Ltd                                         |

## LIST OF ABBREVIATIONS USED

| Units          |                                           | Products        |                             |
|----------------|-------------------------------------------|-----------------|-----------------------------|
| BBL            | - Barrels                                 | CNG             | - Compressed Natural Gas    |
| BCPD           | - Barrels of condensate per day           | LNG             | - Liquefied Natural Gas     |
| BOPD           | - Barrels of oil per day                  | LPG             | - Liquefied Petroleum Gas   |
| BPCD           | - Barrels per calendar day                | NGLs            | - Natural Gas Liquids       |
| FT (or ft)     | - Feet                                    | NH <sub>3</sub> | - Ammonia                   |
| M <sup>3</sup> | - Cubic Metres                            | UAN             | - Urea Ammonium Nitrate     |
| MMBTU          | - Millions of British Thermal Units       |                 |                             |
| MMSCF          | - Millions of Standard Cubic feet         |                 |                             |
| MMSCF/D        | - Millions of Standard Cubic Feet per day |                 |                             |
| MSCF           | - Thousands of Standard Cubic Feet        |                 |                             |
| MT             | - Metric Tonnes                           |                 |                             |
| Other          |                                           |                 |                             |
| ATD            | - Authorised Total Depth                  | MAT1            | - Matapal                   |
| BOU2           | Bounty Field                              | NCMA            | - North Coast Marine Area   |
| BTD3           | - BLOCK TTDA3                             | ORB             | - Ortoire Block             |
| CB             | - Central Block                           | PAP             | - Pointe-a-Pierre           |
| DEV            | - Development                             | PAR2            | - Parula Field              |
| ECMA           | - East Coast Marine Area                  | RUB             | - Ruby Field                |
| EXPL           | - Exploration                             | SMRB            | - Ska Mento Reggae JV Block |
| FO             | - Farmouts                                | ST              | - Sidetrack                 |
| IPSC           | - Incremental Production Service Contract | TD              | - Total Depth               |
| KIS            | - Kiskadee                                | wef             | - with effect from          |
| KOP            | - Kick-off Point                          | WO              | - workover                  |
| LO             | - Lease Operators                         |                 |                             |

**TABLE 1A - CRUDE OIL & CONDENSATE PRODUCTION IN 2021 (BOPD)**

|                 | SHELL<br>ECMA | BPTT         | HPCL<br>(Offshore) | HPCL<br>(Land) | HPCL<br>(LO) | HPCL<br>(IPSC) | HPCL<br>(FO) | TEPGL        | PRIM       | EOG          | CEBL      | LTL       | DENOVO     | TEPL       | SHELL<br>CB | MEPR      | NHETT     | BHP          | PEREN        | SUBTOTAL      |               | TOTAL         |
|-----------------|---------------|--------------|--------------------|----------------|--------------|----------------|--------------|--------------|------------|--------------|-----------|-----------|------------|------------|-------------|-----------|-----------|--------------|--------------|---------------|---------------|---------------|
|                 |               |              |                    |                |              |                |              |              |            |              |           |           |            |            |             |           |           |              |              | LAND          | MARINE        |               |
| Jan-21          | 35            | 5,100        | 17,919             | 10,870         | 5,375        | 516            | 257          | 1,126        | 130        | 3,481        | 21        | 21        | 502        | 275        | 349         | 89        | 83        | 3,878        | 7,992        | 17,710        | 40,307        | 58,016        |
| Feb-21          | 35            | 4,759        | 17,176             | 10,755         | 5,545        | 515            | 299          | 1,057        | 160        | 3,243        | 14        | 16        | 492        | 275        | 353         | 98        | 74        | 4,346        | 8,569        | 17,828        | 39,951        | 57,779        |
| Mar-21          | 32            | 5,525        | 18,384             | 10,431         | 5,826        | 575            | 329          | 1,142        | 204        | 2,975        | 8         | 23        | 487        | 307        | 340         | 98        | 65        | 3,988        | 8,648        | 17,900        | 41,488        | 59,388        |
| Apr-21          | 24            | 6,397        | 17,819             | 10,647         | 5,479        | 491            | 307          | 1,139        | 251        | 2,634        | 10        | 21        | 533        | 313        | 362         | 81        | 74        | 4,011        | 7,932        | 17,723        | 40,802        | 58,525        |
| May-21          | 22            | 5,795        | 17,938             | 10,331         | 5,634        | 562            | 288          | 1,145        | 205        | 2,474        | 6         | 21        | 541        | 321        | 364         | 85        | 82        | 6,934        | 8,311        | 17,578        | 43,480        | 61,058        |
| Jun-21          | 18            | 5,191        | 17,105             | 10,448         | 5,367        | 512            | 276          | 1,126        | 179        | 2,245        | 6         | 8         | 461        | 285        | 325         | 75        | 70        | 6,888        | 8,180        | 17,265        | 41,499        | 58,764        |
| Jul-21          | 23            | 3,839        | 17,521             | 10,696         | 5,291        | 472            | 263          | 1,109        | 171        | 1,963        | 8         | 7         | 523        | 313        | 276         | 80        | 61        | 8,539        | 8,622        | 17,325        | 42,451        | 59,776        |
| Aug-21          | 180           | 3,230        | 18,307             | 10,609         | 5,322        | 414            | 293          | 1,100        | 172        | 1,738        | 11        | 8         | 513        | 284        | 278         | 86        | 63        | 6,716        | 9,058        | 17,255        | 41,125        | 58,380        |
| Sep-21          | 339           | 4,721        | 19,157             | 10,606         | 5,384        | 486            | 304          | 1,106        | 170        | 1,483        | 19        | 13        | 481        | 312        | 237         | 75        | 76        | 9,003        | 9,435        | 17,372        | 46,038        | 63,410        |
| Oct-21          | 642           | 3,654        | 18,996             | 10,196         | 5,153        | 844            | 246          | 1,074        | 165        | 1,469        | 15        | 17        | 347        | 274        | 170         | 84        | 69        | 8,990        | 8,795        | 16,957        | 44,241        | 61,198        |
| Nov-21          | 193           | 3,994        | 19,217             | 10,058         | 5,554        | 1,105          | 305          | 1,082        | 157        | 1,358        | 12        | 9         | 128        | 289        | 165         | 94        | 76        | 8,864        | 7,945        | 17,536        | 43,069        | 60,605        |
| Dec-21          | 408           | 4,603        | 18,325             | 10,115         | 5,497        | 1,106          | 267          | 1,076        | 171        | 1,263        | 10        | 6         | 359        | 317        | 237         | 83        | 57        | 8,037        | 9,218        | 17,550        | 43,606        | 61,155        |
| <b>AVG 2021</b> | <b>164</b>    | <b>4,730</b> | <b>18,161</b>      | <b>10,478</b>  | <b>5,452</b> | <b>634</b>     | <b>286</b>   | <b>1,107</b> | <b>178</b> | <b>2,188</b> | <b>12</b> | <b>14</b> | <b>447</b> | <b>297</b> | <b>288</b>  | <b>86</b> | <b>71</b> | <b>6,696</b> | <b>8,561</b> | <b>17,498</b> | <b>42,352</b> | <b>59,850</b> |

NOTE: Figure in **RED/Italics** is still preliminary at this time

NOTE: Totals may not be the exact sum of component figures due to rounding up/down.

| TABLE 1B - CONDENSATE PRODUCTION (ONLY) IN 2021 (BOPD) |              |            |            |            |              |            |              |
|--------------------------------------------------------|--------------|------------|------------|------------|--------------|------------|--------------|
|                                                        | BPTT         | SHELL ECMA | SHELL CB   | DENOVO     | EOG          | NGC        | TOTAL        |
| Jan-21                                                 | 4,820        | 35         | 349        | 502        | 3,481        | 106        | <b>9,291</b> |
| Feb-21                                                 | 4,499        | 35         | 353        | 492        | 3,243        | 68         | <b>8,689</b> |
| Mar-21                                                 | 5,319        | 32         | 340        | 487        | 2,975        | 165        | <b>9,317</b> |
| Apr-21                                                 | 6,079        | 24         | 362        | 533        | 2,634        | 105        | <b>9,737</b> |
| May-21                                                 | 5,471        | 22         | 364        | 541        | 2,474        | 145        | <b>9,017</b> |
| Jun-21                                                 | 5,032        | 18         | 325        | 461        | 2,245        | 225        | <b>8,307</b> |
| Jul-21                                                 | 3,832        | 23         | 276        | 523        | 1,963        | 275        | <b>6,892</b> |
| Aug-21                                                 | 3,213        | 180        | 278        | 513        | 1,738        | 116        | <b>6,038</b> |
| Sep-21                                                 | 4,442        | 339        | 237        | 481        | 1,483        | 83         | <b>7,067</b> |
| Oct-21                                                 | 3,444        | 642        | 170        | 347        | 1,469        | 123        | <b>6,196</b> |
| Nov-21                                                 | 3,732        | 193        | 165        | 128        | 1,358        | 88         | <b>5,664</b> |
| Dec-21                                                 | 3,983        | 408        | 237        | 359        | 1,263        | 27         | <b>6,278</b> |
| <b>AVG 2021</b>                                        | <b>4,485</b> | <b>164</b> | <b>288</b> | <b>447</b> | <b>2,188</b> | <b>128</b> | <b>7,700</b> |

NOTE: NGC production is condensate received at Beachfield from NGC offshore pipelines.

Figures in **RED/Italics** are preliminary

NOTE: Figures in **RED/Italics** are preliminary.

TABLE 2A - DRILLING RIGS IN USE IN 2021

|        | MARINE |            |                 | LAND                   |              |                                        |
|--------|--------|------------|-----------------|------------------------|--------------|----------------------------------------|
|        | SHELL  | BPTT       | BHP             | CEBL                   | PRIM         | HPCL (LO)                              |
| Jan-21 | TDD 3  | MAERSK DIS | REG ALL         | -                      | -            | -                                      |
| Feb-21 | TDD 3  | MAERSK DIS | REG ALL         | -                      | -            | -                                      |
| Mar-21 | TDD 3  | MAERSK DIS | REG ALL         | -                      | -            | -                                      |
| Apr-21 | TDD 3  | MAERSK DIS | REG ALL         | -                      | -            | -                                      |
| May-21 | TDD 3  | MAERSK DIS | REG ALL         | WSL Rig 4              | EICL Rig #14 | -                                      |
| Jun-21 | TDD 3  | MAERSK DIS | REG ALL         | WSL Rig 4              | EICL Rig #14 | -                                      |
| Jul-21 | -      | MAERSK DIS | REG ALL, DD 111 | WSL Rig 4 & CESL Rig 1 | EICL Rig #14 | WSL Rig 4                              |
| Aug-21 | -      | -          | REG ALL, DD 111 | CESL Rig 1             | WSL Rig #60  | WSL Rig 4                              |
| Sep-21 | -      | -          | REG ALL, DD 111 | -                      | WSL Rig #60  | WSL Rig 4                              |
| Oct-21 | -      | -          | DD 111          | -                      | NABI Rig #14 | SVDL Rig 205, PCSL Rig 8,<br>WSL Rig 4 |
| Nov-21 |        |            | REG ALL, DD 111 |                        | NABI Rig #14 | SVDL Rig 205, WSL Rig 4                |
| Dec-21 |        |            | DD 111          |                        | NABI Rig #14 | SVDL Rig 205                           |



| TABLE 2B - RIG DAYS IN 2021 |            |           |            |            |              |            |              |
|-----------------------------|------------|-----------|------------|------------|--------------|------------|--------------|
|                             | BPTT       | CEBL      | SHELL      | BHP        | HPCL<br>(LO) | PRIM       | TOTAL        |
| Jan-21                      | 29         | 0         | 31         | 31         | 0            | 0          | <b>91</b>    |
| Feb-21                      | 8          | 0         | 27         | 28         | 0            | 0          | <b>63</b>    |
| Mar-21                      | 31         | 0         | 27         | 31         | 0            | 0          | <b>89</b>    |
| Apr-21                      | 30         | 0         | 25         | 30         | 0            | 0          | <b>85</b>    |
| May-21                      | 31         | 9         | 31         | 31         | 0            | 4          | <b>106</b>   |
| Jun-21                      | 30         | 30        | 14         | 30         | 0            | 7          | <b>111</b>   |
| Jul-21                      | 20         | 31        | 0          | 36         | 14           | 5          | <b>106</b>   |
| Aug-21                      | 0          | 23        | 0          | 61         | 25           | 20         | <b>129</b>   |
| Sep-21                      | 0          | 0         | 0          | 58         | 24           | 30         | <b>112</b>   |
| Oct-21                      | 0          | 0         | 0          | 31         | 51           | 12         | <b>94</b>    |
| Nov-21                      | 0          | 0         | 0          | 30         | 45           | 15         | <b>90</b>    |
| Dec-21                      | 0          | 0         | 0          | 11         | 14           | 15         | <b>40</b>    |
| <b>TOTAL</b>                | <b>179</b> | <b>93</b> | <b>155</b> | <b>408</b> | <b>173</b>   | <b>108</b> | <b>1,116</b> |

| TABLE 2C - DEPTH DRILLED IN 2021 (FT) |              |               |              |               |               |               |                |
|---------------------------------------|--------------|---------------|--------------|---------------|---------------|---------------|----------------|
|                                       | BPTT         | HPCL (LO)     | CEBL         | BHP           | SHELL         | PRIM          | TOTAL          |
| Jan-21                                | 3,794        | 0             | 0            | 9,844         | 8,595         | 0             | <b>22,233</b>  |
| Feb-21                                | 3,494        | 0             | 0            | 5,507         | 1,520         | 0             | <b>10,521</b>  |
| Mar-21                                | 237          | 0             | 0            | 8,131         | 8,726         | 0             | <b>17,094</b>  |
| Apr-21                                | 42           | 0             | 0            | 6,588         | 10,690        | 0             | <b>17,320</b>  |
| May-21                                | 306          | 0             | 1,593        | 11,870        | 5,401         | 0             | <b>19,170</b>  |
| Jun-21                                | 128          | 0             | 2,974        | 3,372         | 1,520         | 0             | <b>7,994</b>   |
| Jul-21                                | 0            | 3,738         | 0            | 12,505        | 0             | 0             | <b>16,243</b>  |
| Aug-21                                | 0            | 6,476         | 0            | 19,465        | 0             | 5,868         | <b>31,809</b>  |
| Sep-21                                | 0            | 4,728         | 0            | 757           | 0             | 4,832         | <b>10,317</b>  |
| Oct-21                                | 0            | 16,140        | 0            | 3,205         | 0             | 0             | <b>19,345</b>  |
| Nov-21                                | 0            | 15,516        | 0            | 5,890         | 0             | 0             | <b>21,406</b>  |
| Dec-21                                | 0            | 4,710         | 0            | 0             | 0             | 0             | <b>4,710</b>   |
| <b>TOTAL</b>                          | <b>8,001</b> | <b>51,308</b> | <b>4,567</b> | <b>87,134</b> | <b>36,452</b> | <b>10,700</b> | <b>198,162</b> |

TABLE 2D - WELLS STARTED IN 2021

| COMPANY/OPERATOR | FIELD/BLOCK | WELL NUMBER             | RIG NAME   | CLASSIFICATION | DATE SPUDDED | DATE COMPLETED | TD (ft) | ATD (ft) |
|------------------|-------------|-------------------------|------------|----------------|--------------|----------------|---------|----------|
| BPTT             | MAT1        | MAT1-NOP-SAVANNAH_1ST2X | MAERSK DIS | DEV            | 21-Feb-21    | 20-Jul-21      | 12,072  | 11,996   |
| SHELL            | ORCHID      | ORC-NOP-02              | TDD3       | DEV            | 4-Mar-21     | 10-Apr-21      | 9,318   | 9,349    |
| SHELL            | CASSRA      | CAS3-NOP-02             | TDD3       | DEV            | 16-Apr-21    | 2-Jun-21       | 9,324   | 9,248    |
| SHELL            | CASSRA      | CAS3-NOP-01             | TDD3       | DEV            | 20-Apr-21    | 14-Jun-21      | 7,695   | 7,816    |
| CEBL             | BONASSE     | BON-LAND-15             | WSL Rig 4  | DEV            | 23-May-21    | -              | 4,567   | 5,000    |

**TABLE 2E - WELL COMPLETIONS IN 2021**

|              | WELL COMPLETIONS - OIL |          |             |           | WELL COMPLETIONS - GAS |          |          |           | WELL COMPLETIONS - OTHER* |          |             |
|--------------|------------------------|----------|-------------|-----------|------------------------|----------|----------|-----------|---------------------------|----------|-------------|
|              | HPCL (LO)              | BHP      | HPCL (Land) | TOTAL OIL | BPTT                   | BHP      | SHELL    | TOTAL GAS | BHP                       | SHELL    | TOTAL OTHER |
| Jan-21       | 0                      | 0        | 0           | 0         | 0                      | 0        | 0        | 0         | 0                         | 0        | 0           |
| Feb-21       | 0                      | 0        | 0           | 0         | 0                      | 0        | 0        | 0         | 0                         | 1        | 1           |
| Mar-21       | 0                      | 0        | 0           | 0         | 0                      | 0        | 0        | 0         | 0                         | 0        | 0           |
| Apr-21       | 0                      | 0        | 0           | 0         | 1                      | 0        | 0        | 1         | 0                         | 1        | 1           |
| May-21       | 0                      | 1        | 0           | 1         | 0                      | 0        | 0        | 0         | 1                         | 0        | 1           |
| Jun-21       | 0                      | 0        | 0           | 0         | 1                      | 0        | 0        | 1         | 0                         | 2        | 2           |
| Jul-21       | 0                      | 1        | 0           | 1         | 1                      | 0        | 0        | 1         | 0                         | 0        | 0           |
| Aug-21       | 0                      | 0        | 0           | 0         | 0                      | 1        | 0        | 1         | 0                         | 0        | 0           |
| Sep-21       | 0                      | 1        | 0           | 1         | 0                      | 0        | 0        | 0         | 1                         | 0        | 1           |
| Oct-21       | 1                      | 0        | 0           | 1         | 0                      | 0        | 0        | 0         | 0                         | 0        | 0           |
| Nov-21       | 1                      | 1        | 0           | 2         | 0                      | 0        | 0        | 0         | 1                         | 0        | 1           |
| Dec-21       | 1                      | 0        | 0           | 1         | 0                      | 0        | 0        | 0         | 2                         | 0        | 2           |
| <b>TOTAL</b> | <b>3</b>               | <b>4</b> | <b>0</b>    | <b>7</b>  | <b>3</b>               | <b>1</b> | <b>0</b> | <b>4</b>  | <b>5</b>                  | <b>4</b> | <b>9</b>    |

\*NOTE: Includes Abandonments.

| TABLE 2F - MEEI APPROVED WORKOVERS COMPLETED AND WINCH HOURS IN 2021 |                    |           |             |             |           |          |                        |                      |
|----------------------------------------------------------------------|--------------------|-----------|-------------|-------------|-----------|----------|------------------------|----------------------|
|                                                                      | HPCL<br>(Offshore) | PEREN     | HPCL (Land) | HPCL (IPSC) | HPCL (LO) | BPTT     | TOTAL WOs<br>COMPLETED | TOTAL WINCH<br>HOURS |
| Jan-21                                                               | 0                  | 0         | 0           | 0           | 3         | 0        | 3                      | 1,228                |
| Feb-21                                                               | 0                  | 1         | 1           | 0           | 3         | 0        | 5                      | 1,283                |
| Mar-21                                                               | 0                  | 1         | 0           | 1           | 2         | 0        | 4                      | 1,038                |
| Apr-21                                                               | 0                  | 1         | 0           | 0           | 3         | 0        | 4                      | 594                  |
| May-21                                                               | 6                  | 0         | 1           | 0           | 2         | 0        | 9                      | 1,506                |
| Jun-21                                                               | 1                  | 0         | 4           | 0           | 4         | 0        | 9                      | 1,910                |
| Jul-21                                                               | 0                  | 2         | 3           | 0           | 3         | 0        | 8                      | 1,626                |
| Aug-21                                                               | 0                  | 1         | 2           | 0           | 1         | 1        | 5                      | 1,452                |
| Sep-21                                                               | 0                  | 1         | 1           | 0           | 5         | 1        | 8                      | 953                  |
| Oct-21                                                               | 0                  | 2         | 0           | 0           | 4         | 0        | 6                      | 1,614                |
| Nov-21                                                               | 0                  | 1         | 0           | 0           | 3         | 0        | 4                      | 1,200                |
| Dec-21                                                               | 0                  | 1         | 0           | 0           | 6         | 0        | 7                      | 728                  |
| <b>TOTAL</b>                                                         | <b>7</b>           | <b>11</b> | <b>12</b>   | <b>1</b>    | <b>39</b> | <b>2</b> | <b>72</b>              | <b>15,130</b>        |

NOTE: Figures in **RED/italics** are preliminary.

| TABLE 3A - NATURAL GAS PRODUCTION BY COMPANY IN 2021 (MMSCF/D) |              |              |              |              |              |              |              |              |              |              |              |              |              |
|----------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| COMPANY                                                        | Jan-21       | Feb-21       | Mar-21       | Apr-21       | May-21       | Jun-21       | Jul-21       | Aug-21       | Sep-21       | Oct-21       | Nov-21       | Dec-21       | AVG 2021     |
| BPTT                                                           | 1,525        | 1,403        | 1,344        | 1,261        | 1,065        | 1,209        | 1,065        | 1,028        | 1,132        | 1,317        | 1,270        | 1,310        | 1,244        |
| HPCL (Offshore)                                                | 18           | 16           | 17           | 15           | 16           | 12           | 15           | 16           | 19           | 17           | 10           | 10           | 15           |
| HPCL (Land)                                                    | 3            | 3            | 3            | 3            | 2            | 2            | 2            | 3            | 2            | 3            | 2            | 2            | 2            |
| EOG                                                            | 350          | 359          | 351          | 318          | 401          | 408          | 355          | 354          | 362          | 356          | 355          | 351          | 360          |
| SHELL                                                          | 611          | 570          | 565          | 507          | 509          | 491          | 493          | 502          | 405          | 531          | 284          | 461          | 494          |
| BHP                                                            | 395          | 402          | 399          | 350          | 385          | 283          | 359          | 338          | 382          | 336          | 405          | 418          | 371          |
| PEREN                                                          | 23           | 19           | 16           | 15           | 14           | 15           | 14           | 14           | 15           | 15           | 14           | 15           | 16           |
| DENOVO                                                         | 82           | 82           | 82           | 91           | 91           | 82           | 87           | 87           | 84           | 61           | 18           | 72           | 77           |
| <b>TOTAL</b>                                                   | <b>3,005</b> | <b>2,854</b> | <b>2,777</b> | <b>2,559</b> | <b>2,484</b> | <b>2,503</b> | <b>2,391</b> | <b>2,342</b> | <b>2,401</b> | <b>2,636</b> | <b>2,357</b> | <b>2,639</b> | <b>2,579</b> |

| TABLE 3B - NATURAL GAS UTILIZATION BY SECTOR IN 2021 (MMSCF/D) |              |              |              |              |              |              |              |              |              |              |              |              |              |
|----------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SECTOR                                                         | Jan-21       | Feb-21       | Mar-21       | Apr-21       | May-21       | Jun-21       | Jul-21       | Aug-21       | Sep-21       | Oct-21       | Nov-21       | Dec-21       | AVG 2021     |
| Power Generation                                               | 243          | 234          | 235          | 236          | 231          | 240          | 256          | 244          | 279          | 268          | 261          | 247          | 248          |
| Ammonia Manufacture                                            | 500          | 459          | 475          | 530          | 552          | 503          | 491          | 520          | 529          | 508          | 513          | 537          | 510          |
| Methanol Manufacture                                           | 581          | 591          | 548          | 374          | 578          | 577          | 556          | 573          | 594          | 494          | 444          | 558          | 539          |
| Refinery                                                       | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Iron & Steel Manufacture                                       | 50           | 44           | 51           | 47           | 47           | 52           | 51           | 51           | 27           | 20           | 49           | 48           | 45           |
| Cement Manufacture                                             | 13           | 12           | 13           | 13           | 10           | 2            | 12           | 13           | 14           | 13           | 14           | 10           | 12           |
| Ammonia Derivatives                                            | 22           | 22           | 22           | 23           | 23           | 21           | 20           | 21           | 22           | 23           | 20           | 22           | 22           |
| Gas Processing                                                 | 20           | 24           | 24           | 18           | 14           | 24           | 18           | 24           | 24           | 19           | 24           | 24           | 21           |
| Gas to Liquids                                                 | 5            | 24           | 21           | 5            | 2            | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 5            |
| Small Consumers                                                | 11           | 8            | 8            | 9            | 9            | 8            | 9            | 8            | 8            | 9            | 8            | 8            | 9            |
| LNG                                                            | 1,402        | 1,262        | 1,172        | 1,132        | 906          | 998          | 892          | 797          | 787          | 1,150        | 964          | 1,144        | 1,051        |
| <b>TOTAL</b>                                                   | <b>2,847</b> | <b>2,681</b> | <b>2,569</b> | <b>2,389</b> | <b>2,373</b> | <b>2,426</b> | <b>2,304</b> | <b>2,253</b> | <b>2,285</b> | <b>2,503</b> | <b>2,295</b> | <b>2,598</b> | <b>2,460</b> |

NOTE: Figures in **RED/Italics** are preliminary.

NOTE (For Table 3A): 100 % of Joint Venture field production is reported by the Operator

NOTE (for Table 3B) : Ammonia Derivatives are Urea, UAN and Melamine



**TABLE 4C - CRUDE OIL REFINERY SALES IN 2021 (BBLs)**

**LOCAL SALES (BBLs)**

| PRODUCT                        | Jan-21 | Feb-21 | Mar-21 | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | TOTAL |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Liquefied Petroleum Gas        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Motor Gasoline                 | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Naphtha                        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Aviation Gasoline              | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Kerosine/Jet                   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Gas Oils /Diesel               | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Fuel Oils                      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Bitumen                        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Sulphur                        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Other Refined/Unfinished Prod. | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| <b>TOTAL</b>                   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |

**EXPORT SALES (BBLs)**

| PRODUCT                        | Jan-21 | Feb-21 | Mar-21 | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | TOTAL |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Liquefied Petroleum Gas        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Motor Gasoline                 | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Naphtha                        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Aviation Gasoline              | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Kerosine/Jet                   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Gas Oils /Diesel               | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Fuel Oils                      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Bitumen                        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Sulphur                        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Other Refined/Unfinished Prod. | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| <b>TOTAL</b>                   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |



**TABLE 4D - CRUDE OIL REFINERY OUTPUT IN 2021 (BBLs)**

| PRODUCT                        | Jan-21 | Feb-21 | Mar-21 | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | TOTAL |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Liquefied Petroleum Gas        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Motor Gasoline                 | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Aviation Gasoline              | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Kerosine/Jet                   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Gas Oils / Diesel              | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Fuel Oils                      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Bitumen                        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Sulphur                        | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Other Refined/Unfinished Prod. | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Refinery Loss/(Gain)           | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| Refinery Gas                   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |
| <b>TOTAL</b>                   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -     |

**TABLE 4E - CRUDE OIL REFINERY THROUGHPUT IN 2021 (BBLs & BOPD)**

|                   | Jan-21 | Feb-21 | Mar-21 | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | AVG 2021 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Throughput (BBLs) | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -        |
| Throughput (BOPD) | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -        |

**TABLE 4F - PARI A FUEL TRADING REFINED PRODUCT IMPORTS IN 2021 (LITRES)**

| PRODUCT              | Jan-21             | Feb-21             | Mar-21             | Apr-21             | May-21             | Jun-21             | Jul-21             | Aug-21             | Sep-21             | Oct-21             | Nov-21             | Dec-21             | TOTAL                |
|----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|
| Unleaded Gasoline 95 | 38,028,736         | 61,856,595         | -                  | 58,269,530         | 22,210,166         | 21,711,742         | 38,139,709         | 68,656,628         | 35,324,368         | 20,665,448         | 50,774,565         | 54,514,734         | <b>470,152,223</b>   |
| Unleaded Gasoline 92 | 42,371,625         | 56,455,171         | 12,620,070         | 46,175,866         | 45,779,830         | 27,225,888         | 53,908,517         | 13,200,214         | 52,207,674         | 9,999,328          | 69,640,917         | 27,992,523         | <b>457,577,623</b>   |
| Jet Fuel/Kerosene    | -                  | 38,177,866         | -                  | 30,815,655         | -                  | 28,659,156         | -                  | 20,728,089         | -                  | 32,306,953         | -                  | 38,127,785         | <b>188,815,505</b>   |
| Gas Oil/Diesel       | 105,317,122        | 61,017,462         | 103,261,103        | 74,686,846         | 125,645,200        | 37,157,329         | 110,171,949        | 110,036,016        | 66,483,435         | 120,555,231        | 76,554,943         | 146,042,596        | <b>1,136,929,233</b> |
| Fuel Oil             | 7,970,654          | 10,586,626         | 7,952,530          | 7,997,523          | 7,887,186          | -                  | 7,949,986          | 7,936,472          | 7,948,396          | 7,876,216          | 7,965,567          | 7,978,286          | <b>90,049,442</b>    |
| <b>TOTAL</b>         | <b>193,688,139</b> | <b>228,093,720</b> | <b>123,833,702</b> | <b>217,945,421</b> | <b>201,522,382</b> | <b>114,754,114</b> | <b>210,170,162</b> | <b>220,557,419</b> | <b>161,963,873</b> | <b>191,403,177</b> | <b>204,935,992</b> | <b>274,655,925</b> | <b>2,343,524,025</b> |

**TABLE 4G - PARI A FUEL TRADING REFINED PRODUCT LOCAL SALES IN 2021 (LITRES)**

| PRODUCT              | Jan-21            | Feb-21            | Mar-21            | Apr-21            | May-21            | Jun-21            | Jul-21            | Aug-21            | Sep-21            | Oct-21            | Nov-21            | Dec-21             | TOTAL                |
|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|----------------------|
| Unleaded Gasoline 95 | 7,268,250         | 8,889,122         | 9,198,670         | 9,423,318         | 6,076,642         | 5,747,539         | 9,121,243         | 8,592,770         | 8,657,955         | 9,780,721         | 8,944,768         | 11,467,414         | <b>103,168,413</b>   |
| Unleaded Gasoline 92 | 35,734,713        | 40,085,233        | 40,249,785        | 42,075,592        | 27,916,368        | 29,124,829        | 36,812,645        | 35,585,742        | 38,736,388        | 37,632,700        | 37,793,118        | 41,111,653         | <b>442,858,765</b>   |
| Jet Fuel/Kerosene    | 3,560,037         | 3,920,301         | 3,605,030         | 4,194,395         | 2,712,477         | 4,617,618         | 4,304,255         | 6,001,918         | 5,357,067         | 6,968,082         | 7,800,697         | 9,692,801          | <b>62,734,680</b>    |
| Gas Oil/Diesel       | 32,538,120        | 38,383,595        | 36,551,429        | 39,440,859        | 28,089,664        | 26,949,727        | 35,454,419        | 38,985,202        | 38,835,754        | 37,929,211        | 37,454,475        | 39,050,546         | <b>429,663,003</b>   |
| Fuel Oil             | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                    |
| <b>TOTAL</b>         | <b>79,101,120</b> | <b>91,278,252</b> | <b>89,604,914</b> | <b>95,134,164</b> | <b>64,795,152</b> | <b>66,439,713</b> | <b>85,692,562</b> | <b>89,165,633</b> | <b>91,587,164</b> | <b>92,310,714</b> | <b>91,993,058</b> | <b>101,322,415</b> | <b>1,038,424,862</b> |

**TABLE 4H - PARI A FUEL TRADING REFINED PRODUCT EXPORTS IN 2021 (LITRES)**

| PRODUCT              | Jan-21             | Feb-21            | Mar-21            | Apr-21            | May-21            | Jun-21            | Jul-21            | Aug-21            | Sep-21            | Oct-21            | Nov-21             | Dec-21             | TOTAL                |
|----------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|----------------------|
| Unleaded Gasoline 95 | 33,335,281         | 29,461,881        | 29,773,495        | 27,401,727        | 29,468,081        | 27,126,998        | 33,258,650        | 32,191,370        | 31,186,095        | 28,449,293        | 30,849,837         | 37,263,214         | <b>369,765,923</b>   |
| Unleaded Gasoline 92 | 2,225,659          | 802,407           | 1,753,468         | 2,097,039         | 2,822,178         | 2,084,002         | 3,497,396         | 1,447,100         | 1,275,553         | 1,110,683         | 1,695,278          | 3,472,276          | <b>24,283,038</b>    |
| Jet Fuel/Kerosene    | 28,092,208         | 13,590,368        | 10,098,854        | 14,066,534        | 11,192,208        | 15,781,845        | 5,062,623         | 5,850,086         | 10,819,065        | 4,174,522         | 13,641,721         | 9,094,215          | <b>141,464,248</b>   |
| Gas Oil/Diesel       | 37,711,080         | 25,157,785        | 44,004,581        | 45,843,901        | 51,369,495        | 44,379,631        | 47,111,664        | 42,276,869        | 46,043,589        | 53,797,703        | 52,898,155         | 63,628,028         | <b>554,222,482</b>   |
| Fuel Oil             | 833,251            | 7,637,418         | 1,574,130         | 6,186,820         | 1,167,442         | 861,551           | 1,531,363         | 1,025,625         | 1,601,635         | 1,110,683         | 1,283,661          | 1,290,338          | <b>26,103,917</b>    |
| <b>TOTAL</b>         | <b>102,197,480</b> | <b>76,649,859</b> | <b>87,204,528</b> | <b>95,596,021</b> | <b>96,019,404</b> | <b>90,234,026</b> | <b>90,461,695</b> | <b>82,791,049</b> | <b>90,925,937</b> | <b>88,642,884</b> | <b>100,368,652</b> | <b>114,748,072</b> | <b>1,115,839,607</b> |

**TABLE 5A - PRODUCTION, IMPORT AND EXPORT OF NGLS FROM PPGPL IN 2021 (BBLs)**

| PRODUCTION (BBLs)       |                |                |                |                |                |                |                |                |                |                |                |                |                  |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| PRODUCT                 | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
| <b>Propane</b>          | 197,304        | 165,778        | 188,186        | 164,887        | 118,443        | 159,216        | 154,221        | 159,767        | 163,362        | 170,565        | 161,933        | 177,977        | <b>1,981,639</b> |
| <b>Butane</b>           | 144,820        | 126,358        | 146,857        | 125,988        | 87,017         | 130,796        | 125,500        | 119,567        | 128,595        | 128,413        | 129,540        | 134,857        | <b>1,528,308</b> |
| <b>Natural Gasoline</b> | 259,037        | 218,673        | 244,347        | 214,538        | 183,770        | 214,544        | 205,530        | 200,791        | 212,674        | 212,647        | 205,080        | 230,908        | <b>2,602,539</b> |
| <b>TOTAL</b>            | <b>601,161</b> | <b>510,809</b> | <b>579,390</b> | <b>505,413</b> | <b>389,230</b> | <b>504,556</b> | <b>485,251</b> | <b>480,125</b> | <b>504,631</b> | <b>511,625</b> | <b>496,553</b> | <b>543,742</b> | <b>6,112,486</b> |

| EXPORT (BBLs)           |                |                |                |                |                |                |                |                |                |                |                |                |                  |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| PRODUCT                 | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
| <b>Propane</b>          | 280,825        | 89,253         | 205,622        | 114,680        | 81,356         | 73,100         | 224,690        | 176,207        | 130,329        | 75,144         | 78,922         | 90,696         | <b>1,620,824</b> |
| <b>Butane</b>           | 33,177         | 122,859        | 142,811        | 105,841        | 56,498         | 23,600         | 73,958         | 124,038        | 38,684         | 190,110        | 46,288         | 95,961         | <b>1,053,825</b> |
| <b>Natural Gasoline</b> | 288,093        | 0              | 330,108        | 325,340        | 0              | 325,563        | 330,497        | 0              | 275,313        | 330,002        | 0              | 346,542        | <b>2,551,458</b> |
| <b>TOTAL</b>            | <b>602,095</b> | <b>212,112</b> | <b>678,541</b> | <b>545,861</b> | <b>137,854</b> | <b>422,263</b> | <b>629,145</b> | <b>300,245</b> | <b>444,326</b> | <b>595,256</b> | <b>125,210</b> | <b>533,199</b> | <b>5,226,107</b> |

NOTE: Local NGL sales from ALNG are mainly to PPGPL. These sold NGL volumes have been included in PPGPL's production data.

**TABLE 5B - PRODUCTION AND EXPORT OF AMMONIA IN 2021 (MT)**

| PRODUCTION (MT)          |                |                |                |                |                |                |                |                |                |                |                |                |                  |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| PLANT                    | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
| TRINGEN I                | 32,564         | 38,052         | 43,673         | 23,140         | 43,017         | 38,618         | 31,448         | 40,137         | 40,696         | 41,069         | 41,523         | 41,342         | <b>455,279</b>   |
| TRINGEN II               | 42,892         | 15,459         | 45,937         | 42,563         | 42,838         | 39,424         | 17,190         | 44,080         | 44,686         | 30,751         | 42,726         | 46,895         | <b>455,441</b>   |
| <b>NUTRIEN (1,2,3,4)</b> | 118,727        | 82,597         | 86,518         | 139,160        | 167,837        | 127,544        | 165,178        | 157,987        | 137,945        | 166,212        | 156,993        | 154,553        | <b>1,661,252</b> |
| PLNL                     | 59,791         | 54,313         | 59,635         | 51,322         | 51,615         | 54,421         | 51,715         | 59,143         | 57,643         | 27,568         | 9,704          | 59,495         | <b>596,365</b>   |
| CNC                      | 52,840         | 46,979         | 35,178         | 53,526         | 54,093         | 50,346         | 23,970         | 28,887         | 50,048         | 46,080         | 48,243         | 48,319         | <b>538,509</b>   |
| N2000                    | 56,876         | 46,882         | 58,696         | 57,128         | 42,734         | 39,909         | 52,496         | 49,252         | 39,615         | 44,380         | 50,822         | 55,448         | <b>594,238</b>   |
| AUM-NH3                  | 59,218         | 53370          | 49,814         | 55,847         | 54,673         | 54,031         | 54,722         | 46,111         | 53,621         | 53,306         | 51,953         | 42,015         | <b>628,681</b>   |
| <b>TOTAL</b>             | <b>422,908</b> | <b>337,652</b> | <b>379,451</b> | <b>422,686</b> | <b>456,807</b> | <b>404,293</b> | <b>396,719</b> | <b>425,597</b> | <b>424,254</b> | <b>409,366</b> | <b>401,964</b> | <b>448,067</b> | <b>4,929,765</b> |
| EXPORT (MT)              |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| PLANT                    | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
| TRINGEN I                | 39,885         | 41,358         | 36,753         | 27,758         | 33,601         | 33,081         | 39,878         | 29,260         | 31,544         | 61,580         | 32,806         | 38,772         | <b>446,276</b>   |
| TRINGEN II               | 41,729         | 16,991         | 48,083         | 41,835         | 42,490         | 31,948         | 29,555         | 45,520         | 36,608         | 35,570         | 52,903         | 26,989         | <b>450,221</b>   |
| <b>NUTRIEN (1,2,3,4)</b> | 69,209         | 40,650         | 60,822         | 85,310         | 124,546        | 100,107        | 138,024        | 128,007        | 100,226        | 130,017        | 113,448        | 122,973        | <b>1,213,339</b> |
| PLNL                     | 69,946         | 74,601         | 69,507         | 36,257         | 28,953         | 68,952         | 41,774         | 88,530         | 28,208         | 59,220         | 24,000         | 49,160         | <b>639,108</b>   |
| CNC                      | 21,000         | 80,216         | 37,000         | 35,002         | 17,002         | 60,009         | 74,701         | 13,002         | 61,002         | 42,506         | 53,027         | 26,304         | <b>520,771</b>   |
| N2000                    | 39,402         | 57,002         | 63,223         | 20,003         | 58,601         | 55,506         | 71,502         | 0              | 75,730         | 53,001         | 41,017         | 50,487         | <b>585,474</b>   |
| AUM-NH3                  | 3,000          | 10,002         | 6,000          | 0              | 0              | 0              | 9,000          | 0              | 0              | 10,300         | 0              | 0              | <b>38,302</b>    |
| <b>TOTAL</b>             | <b>284,171</b> | <b>320,820</b> | <b>321,388</b> | <b>246,165</b> | <b>305,193</b> | <b>349,603</b> | <b>404,434</b> | <b>304,319</b> | <b>333,318</b> | <b>381,894</b> | <b>317,201</b> | <b>314,685</b> | <b>3,893,491</b> |

NOTE 1: Figures in **RED/Italics** are preliminary.

NOTE 2: The production figures seen for AUM-NH3 are the gross values; NOT the net values as previously presented.

NOTE 3: YARA has been removed from both the Production and Export tables as the plant permanently closed at the end of December 2019.

**TABLE 5C - PRODUCTION AND EXPORT OF DOWNSTREAM AMMONIA AND METHANOL PRODUCTS IN 2021 (MT)**

| PRODUCTION (MT) |                |                |                |                |                |                |                |                |                |                |                |                |                  |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| PRODUCT         | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
| Urea            | 62,427         | 55,541         | 55,776         | 62,194         | 63,179         | 62,729         | 65,929         | 61,083         | 51,181         | 63,733         | 63,693         | 51,147         | <b>718,612</b>   |
| UAN             | 133,255        | 111,048        | 127,323        | 118,858        | 127,612        | 123,120        | 95,242         | 121,123        | 121,269        | 132,800        | 119,156        | 117,642        | <b>1,448,448</b> |
| Melamine        | 1,827          | 2,574          | 2,435          | 1,924          | 2,445          | 993            | 1,741          | 2,183          | 2,646          | 2,677          | 2,297          | 2,515          | <b>26,257</b>    |
| CGCL DME        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | <b>0</b>         |
| <b>TOTAL</b>    | <b>197,509</b> | <b>169,163</b> | <b>185,534</b> | <b>182,976</b> | <b>193,236</b> | <b>186,842</b> | <b>162,912</b> | <b>184,389</b> | <b>175,096</b> | <b>199,210</b> | <b>185,146</b> | <b>171,304</b> | <b>2,193,317</b> |
| EXPORT (MT)     |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| PRODUCT         | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
| Urea            | 62,775         | 65,301         | 54,424         | 61,950         | 50,450         | 63,605         | 58,757         | 64,488         | 56,054         | 64,705         | 48,914         | 72,141         | <b>723,565</b>   |
| UAN             | 119,303        | 110,014        | 146,486        | 121,354        | 103,895        | 130,557        | 87,546         | 126,752        | 136,420        | 84,548         | 152,815        | 132,916        | <b>1,452,606</b> |
| Melamine        | 2,282          | 2,190          | 2,942          | 1,560          | 2,700          | 900            | 1,862          | 1,910          | 2,360          | 2,362          | 3,060          | 1,382          | <b>25,510</b>    |
| CGCL DME        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | <b>0</b>         |
| <b>TOTAL</b>    | <b>184,360</b> | <b>177,505</b> | <b>203,852</b> | <b>184,864</b> | <b>157,045</b> | <b>195,062</b> | <b>148,165</b> | <b>193,150</b> | <b>194,834</b> | <b>151,615</b> | <b>204,789</b> | <b>206,439</b> | <b>2,201,681</b> |

NOTE: Figures in **RED/Italics** are preliminary.

**TABLE 5D - PRODUCTION AND EXPORT OF METHANOL IN 2021 (MT)**

| PRODUCTION (MT) |                |                |                |                |                |                |                |                |                |                |                |                |                  |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| PLANT           | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
| CMC             | 48,582         | 46,590         | 47,494         | 39,328         | 48,875         | 43,532         | 46,851         | 42,222         | 46,656         | 44,684         | 39,978         | 30,872         | <b>525,664</b>   |
| TTMC II         | 49,441         | 45,028         | 47,745         | 34,652         | 26,326         | 28,565         | 35,703         | 30,448         | 29,357         | 28,092         | 0              | 37,912         | <b>393,269</b>   |
| MIV             | 46,475         | 46,607         | 44,702         | 0              | 47,368         | 40,965         | 35,569         | 46,677         | 47,238         | 51,407         | 46,471         | 50,729         | <b>504,208</b>   |
| TITAN           | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | <b>0</b>         |
| ATLAS           | 132,368        | 139,139        | 160,644        | 153,190        | 157,468        | 153,635        | 158,850        | 157,773        | 154,039        | 156,887        | 151,910        | 157,224        | <b>1,833,127</b> |
| M5000           | 156,279        | 118,829        | 147,355        | 4,327          | 149,942        | 137,970        | 96,694         | 128,319        | 123,707        | 84,683         | 131,237        | 137,939        | <b>1,417,281</b> |
| CGCL            | 94,379         | 74,915         | 10,421         | 90,854         | 94,830         | 90,007         | 94,396         | 94,615         | 89,525         | 37,887         | 4,501          | 60,351         | <b>836,681</b>   |
| <b>TOTAL</b>    | <b>527,524</b> | <b>471,108</b> | <b>458,361</b> | <b>322,351</b> | <b>524,809</b> | <b>494,674</b> | <b>468,063</b> | <b>500,054</b> | <b>490,522</b> | <b>403,640</b> | <b>374,097</b> | <b>475,027</b> | <b>5,510,230</b> |
| EXPORT (MT)     |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| PLANT           | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
| CMC             | 32,200         | 37,499         | 57,699         | 67,685         | 45,921         | 46,142         | 30,208         | 48,745         | 57,280         | 40,500         | 42,997         | 31,198         | <b>538,074</b>   |
| TTMC II         | 33,687         | 47,024         | 34,857         | 61,428         | 43,737         | 13,306         | 32,170         | 9,969          | 47,398         | 42,679         | 719            | 14,515         | <b>381,489</b>   |
| MIV             | 37,081         | 59,974         | 31,226         | 8,500          | 20,000         | 63,250         | 45,520         | 43,300         | 39,323         | 59,792         | 32,928         | 65,447         | <b>506,341</b>   |
| TITAN           | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | <b>0</b>         |
| ATLAS           | 103,700        | 146,804        | 151,136        | 163,217        | 186,918        | 136,051        | 144,805        | 167,853        | 145,660        | 149,713        | 181,900        | 140,453        | <b>1,818,210</b> |
| M5000           | 126,505        | 87,162         | 192,310        | 21,157         | 71,738         | 147,787        | 163,468        | 148,689        | 89,559         | 115,445        | 121,578        | 107,737        | <b>1,393,135</b> |
| CGCL            | 99,698         | 102,504        | 0              | 65,814         | 106,719        | 69,667         | 98,257         | 112,113        | 54,075         | 74,852         | 0              | 30,240         | <b>813,939</b>   |
| <b>TOTAL</b>    | <b>432,871</b> | <b>480,967</b> | <b>467,228</b> | <b>387,801</b> | <b>475,033</b> | <b>476,203</b> | <b>514,428</b> | <b>530,669</b> | <b>433,295</b> | <b>482,981</b> | <b>380,122</b> | <b>389,590</b> | <b>5,451,188</b> |

NOTE: TTMC I has been removed from the table as the plant has been idled since 2016.

NOTE: Combined Exports for TTMC I & TTMC II are reported under TTMC II.

NOTE: Figures in **RED/Italics** are preliminary.

| TABLE 5E (I) - PRODUCTION OF LNG FROM ALNG IN 2021 (M <sup>3</sup> ) |                  |                  |                  |                  |                  |                  |                  |                |                |                  |                  |                  |                   |
|----------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|----------------|------------------|------------------|------------------|-------------------|
| TRAIN                                                                | Jan-21           | Feb-21           | Mar-21           | Apr-21           | May-21           | Jun-21           | Jul-21           | Aug-21         | Sep-21         | Oct-21           | Nov-21           | Dec-21           | TOTAL             |
| Train 1                                                              | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0              | 0              | 0                | 0                | 0                | 0                 |
| Train 2                                                              | 559,669          | 485,122          | 626,882          | 539,055          | 402,559          | 384,583          | 342,376          | 220,626        | 1,922          | 228,426          | 443,600          | 428,725          | 4,663,545         |
| Train 3                                                              | 431,613          | 436,163          | 0                | 31,099           | 237,831          | 348,129          | 314,302          | 319,024        | 373,953        | 423,321          | 499,313          | 340,473          | 3,755,221         |
| Train 4                                                              | 765,867          | 501,387          | 885,930          | 804,972          | 469,036          | 458,708          | 454,828          | 423,099        | 556,981        | 785,285          | 149,122          | 616,129          | 6,871,344         |
| <b>TOTAL</b>                                                         | <b>1,757,149</b> | <b>1,422,672</b> | <b>1,512,812</b> | <b>1,375,126</b> | <b>1,109,426</b> | <b>1,191,420</b> | <b>1,111,506</b> | <b>962,749</b> | <b>932,856</b> | <b>1,437,032</b> | <b>1,092,035</b> | <b>1,385,327</b> | <b>15,290,110</b> |

| TABLE 5E (II) - PRODUCTION OF LNG FROM ALNG IN 2021 (MMBTU)** |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                    |
|---------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| TRAIN                                                         | Jan-21            | Feb-21            | Mar-21            | Apr-21            | May-21            | Jun-21            | Jul-21            | Aug-21            | Sep-21            | Oct-21            | Nov-21            | Dec-21            | TOTAL              |
| Train 1                                                       | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                  |
| Train 2                                                       | 12,478,100        | 10,806,384        | 13,964,361        | 11,992,518        | 9,000,897         | 8,545,627         | 7,605,404         | 4,894,477         | 45,600            | 5,112,745         | 9,981,621         | 9,523,483         | 103,951,216        |
| Train 3                                                       | 9,658,549         | 9,782,307         | 0                 | 708,690           | 5,321,231         | 7,782,180         | 7,002,146         | 7,146,999         | 8,376,921         | 9,421,517         | 11,182,714        | 7,561,973         | 83,945,228         |
| Train 4                                                       | 17,148,145        | 11,234,228        | 19,875,928        | 18,074,278        | 10,569,163        | 10,314,829        | 10,234,449        | 9,467,179         | 12,463,063        | 17,572,872        | 3,230,191         | 13,845,774        | 154,030,099        |
| <b>TOTAL</b>                                                  | <b>39,284,795</b> | <b>31,822,919</b> | <b>33,840,289</b> | <b>30,775,486</b> | <b>24,891,291</b> | <b>26,642,636</b> | <b>24,841,999</b> | <b>21,508,655</b> | <b>20,885,584</b> | <b>32,107,134</b> | <b>24,394,526</b> | <b>30,931,230</b> | <b>341,926,543</b> |

\*\* NOTE : M3 converted to MMBTU ; conversion factors vary by train & by month.

**TABLE 5F (I) - LNG SALES & DELIVERIES FROM ALNG IN 2021 (MMBTU)**

| TRAIN        | Jan-21            | Feb-21            | Mar-21            | Apr-21            | May-21            | Jun-21            | Jul-21            | Aug-21            | Sep-21            | Oct-21            | Nov-21            | Dec-21            | TOTAL              |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Train 1      | 424,662           | 0                 | 0                 | 0                 | 0                 | 0                 | -                 | 516               | 112,201           | 0                 | 0                 | -                 | 537,379            |
| Train 2      | 11,507,068        | 7,676,644         | 12,644,169        | 12,389,177        | 9,369,551         | 5,867,753         | 8,125,240         | 3,438,195         | 8,112,321         | 9,168,218         | 2,276,420         | 8,113,254         | 98,688,010         |
| Train 3      | 17,298,231        | 12,151,356        | 6,442,972         | 6,139,270         | 2,806,463         | 5,079,785         | 781,607           | 3,546,327         | 7,908,010         | 8,312,776         | 8,143,719         | 8,467,462         | 87,077,978         |
| Train 4      | 11,310,018        | 11,553,911        | 14,220,016        | 12,629,127        | 15,713,473        | 13,663,372        | 13,243,285        | 18,516,089        | 3,974,793         | 11,750,365        | 16,364,082        | 14,496,294        | 157,434,825        |
| <b>TOTAL</b> | <b>40,539,979</b> | <b>31,381,911</b> | <b>33,307,157</b> | <b>31,157,574</b> | <b>27,889,487</b> | <b>24,610,910</b> | <b>22,150,132</b> | <b>25,501,127</b> | <b>20,107,325</b> | <b>29,231,359</b> | <b>26,784,221</b> | <b>31,077,010</b> | <b>343,738,192</b> |

**TABLE 5F (II) - LNG SALES & DELIVERIES FROM ALNG IN 2021 (M<sup>3</sup>)\*\*\***

| TRAIN        | Jan-21           | Feb-21           | Mar-21           | Apr-21           | May-21           | Jun-21           | Jul-21         | Aug-21           | Sep-21         | Oct-21           | Nov-21           | Dec-21           | TOTAL             |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|----------------|------------------|------------------|------------------|-------------------|
| Train 1      | 19,047           | 0                | 0                | 0                | 0                | 0                | -              | 23               | 4,729          | 0                | 0                | 0                | 23,799            |
| Train 2      | 516,394          | 344,621          | 567,617          | 556,798          | 419,047          | 264,069          | 365,778        | 154,982          | 341,928        | 409,615          | 101,168          | 365,240          | 4,407,257         |
| Train 3      | 773,009          | 541,792          | 289,235          | 269,406          | 125,434          | 227,240          | 35,084         | 158,299          | 353,020        | 373,504          | 363,621          | 381,242          | 3,890,885         |
| Train 4      | 505,035          | 515,655          | 633,829          | 562,462          | 697,793          | 607,620          | 588,543        | 827,505          | 177,636        | 525,093          | 755,449          | 645,077          | 7,041,696         |
| <b>TOTAL</b> | <b>1,813,484</b> | <b>1,402,067</b> | <b>1,490,681</b> | <b>1,388,666</b> | <b>1,242,274</b> | <b>1,098,929</b> | <b>989,405</b> | <b>1,140,809</b> | <b>877,314</b> | <b>1,308,212</b> | <b>1,220,237</b> | <b>1,391,559</b> | <b>15,363,638</b> |

\*\*\* NOTE : MMBTU converted to M3 ; conversion factors vary by train & by month. Figures in **RED/Italics** are preliminary.

**TABLE 5G - NGL SALES & DELIVERIES FROM ALNG IN 2021 (BBLs)**

| TRAIN        | Jan-21         | Feb-21         | Mar-21         | Apr-21         | May-21         | Jun-21         | Jul-21         | Aug-21         | Sep-21         | Oct-21         | Nov-21         | Dec-21         | TOTAL            |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Train 1      | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0                |
| Train 2      | 49,928         | 47,182         | 60,903         | 44,373         | 22,825         | 32,160         | 26,726         | 16,920         | 354            | 22,049         | 48,166         | 42,799         | 414,385          |
| Train 3      | 59,202         | 58,268         | 0              | 4,230          | 25,479         | 51,451         | 41,780         | 46,852         | 63,912         | 44,700         | 57,414         | 36,956         | 490,244          |
| Train 4      | 116,328        | 73,021         | 139,573        | 117,880        | 63,128         | 83,429         | 74,236         | 70,762         | 93,301         | 93,876         | 19,409         | 80,321         | 1,025,264        |
| <b>TOTAL</b> | <b>225,458</b> | <b>178,471</b> | <b>200,476</b> | <b>166,483</b> | <b>111,432</b> | <b>167,040</b> | <b>142,742</b> | <b>134,534</b> | <b>157,567</b> | <b>160,625</b> | <b>124,989</b> | <b>160,076</b> | <b>1,929,893</b> |

NOTE: Local NGL sales from ALNG are to mainly PPGPL. Sold NGL volumes have been included in PPGPL's production data.