



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

CONSOLIDATED MONTHLY BULLETINS

January-March 2023



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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: Preysal Fuel Service Station, Rivulet Road, Couva [Source: The National Gas Company CNG 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	REXLII	- 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	WEGL	- Woodside Energy
NOBLE RA	Noble Regina Allen	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	DME	- Di-Methyl Ether
BOPD	- Barrels of oil per day	LNG	- Liquefied Natural Gas
BPCD	- Barrels per calendar day	LPG	- Liquefied Petroleum Gas
FT (or ft)	- Feet	NGLs	- Natural Gas Liquids
M ³	- Cubic Metres	NH ₃	- Ammonia
MMBTU	- Millions of British Thermal Units	UAN	- Urea Ammonium Nitrate
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 2023 (BOPD)

Month	SHELL ECMA	BPTT	HPCL (Offshore)	HPCL (Land)	HPCL (LO)	HPCL (IPSC)	HPCL (FO)	TEPGL	PRIM	EOG	CEBL	LTL	DENOVO	TEPL	SHELL CB	MEPR	NHETT	WEGL	PEREN	SUBTOTAL		TOTAL
																				LAND	MARINE	
Jan-23	1,140	3,750	16,988	10,180	5,870	1,228	377	1,002	138	868	6	18	99	371	207	73	76	6,118	8,383	18,171	38,719	56,890
Feb-23	1,118	3,735	<i>16,122</i>	<i>10,344</i>	6,050	1,247	414	1,042	156	963	8	17	<i>14</i>	360	256	82	56	5,788	8,029	18,631	37,173	55,804
Mar-23	1,130	3,914	<i>16,807</i>	<i>10,184</i>	5,628	1,317	356	1,077	146	971	7	16	<i>7</i>	402	257	90	74	5,150	8,192	18,074	37,651	55,725
Apr-23																						0
May-23																						0
Jun-23																						0
Jul-23																						0
Aug-23																						0
Sep-23																						0
Oct-23																						0
Nov-23																						0
Dec-23																						0
AVG 2023	1,130	3,802	16,656	10,232	5,843	1,265	381	1,040	146	933	7	17	41	378	239	82	69	5,682	8,207	18,281	37,870	56,151

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.

NOTE: From July 2022, production reports were rec'd at MEEI from Woodside Energy

TABLE 1B - CONDENSATE PRODUCTION (ONLY) IN 2023 (BOPD)							
Month	BPTT	SHELL ECMA	SHELL CB	DENOVO	EOG	NGC	TOTAL
Jan-23	3,750	1,140	207	99	868	58	6,122
Feb-23	3,733	1,118	256	14	963	27	6,112
Mar-23	3,733	1,130	257	7	971	137	6,235
Apr-23							0
May-23							0
Jun-23							0
Jul-23							0
Aug-23							0
Sep-23							0
Oct-23							0
Nov-23							0
Dec-23							0
AVG 2023	3,739	1,130	239	41	933	76	6,158

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

TABLE 2A - DRILLING RIGS IN USE IN 2023

Month	MARINE		LAND			
	HPCL (Offshore)	BPTT	HPCL (Land)	HPCL(IPSC)	PRIM	HPCL (LO)
Jan-23	-	VALARIS 118	PCSL Rig 8	AVOGL#6	-	WSL#4
Feb-23	WSL-110	VALARIS 118	PCSL Rig 8, WSL RIG 80	AVOGL#6	SVDL Rig 205	WSL#4 ,WSL #80
Mar-23	WSL #110	JOEDOUG	PCSL Rig 8, WSL RIG # 80	AVOGL#6	SVDL Rig 205	WSL#4
Apr-23						
May-23						
Jun-23						
Jul-23						
Aug-23						
Sep-23						
Oct-23						
Nov-23						
Dec-23						

TABLE 2B - RIG DAYS IN 2023

Month	HPCL (Land)	BPTT	HPCL (Offshore)	HPCL (LO)	PRIM	HPCL (IPSC)	TOTAL
Jan-23	1	12	0	21	0	5	39
Feb-23	22	28	22	37	14	11	134
Mar-23	25	8	31	11	26	15	116
Apr-23							0
May-23							0
Jun-23							0
Jul-23							0
Aug-23							0
Sep-23							0
Oct-23							0
Nov-23							0
Dec-23							0
TOTAL	48	48	53	69	40	31	289

TABLE 2C - DEPTH DRILLED IN 2023 (FT)							
Month	BPTT	HPCL (Land)	HPCL (Offshore)	HPCL (IPSC)	HPCL (LO)	PRIM	TOTAL
Jan-23	24	225	0	1,432	8,379	0	10,060
Feb-23	3,565	5,161	4,815	2,280	9,048	4,155	29,024
Mar-23	1,443	6,815	5,087	4,694	2,693	0	20,732
Apr-23							0
May-23							0
Jun-23							0
Jul-23							0
Aug-23							0
Sep-23							0
Oct-23							0
Nov-23							0
Dec-23							0
TOTAL	5,032	12,201	9,902	8,406	20,120	4,155	59,816

TABLE 2D - WELLS STARTED IN 2023

COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDDED	DATE COMPLETED	TD (ft)	ATD (ft)
Heritage Petroleum Co Ltd (LAND)	PAS	PAS-LAND-614	PCSL Rig 8	DEV	31-Jan-23		3,580	3,580
BPTT	MAN1	MAN1-MAA1-09X	VALARIS 118	DEV	31-Jan-23		12,930	12,976
Heritage Petroleum Co Ltd (LO)	PS-1	2PAS-LAND-1521	WSL#4	DEV	04-Jan-23		5116	5,200
Heritage Petroleum Co Ltd (LO)	WD-9	FOR3-LAND-855X	WSL#4	DEV	28-Jan-23		5,272	5,272
Primera	ORB	ORB-LAND-ROYSTON_1X	SVDL Rig 205	DEV	14-Feb-23		11,316	11,303
Heritage Petroleum Co Ltd (Offshore)	SOE	SOE-CL35-934	WSL-#110	EXP (A.2b)	7-Feb-23		4,815	9,350
Heritage Petroleum Co Ltd (LAND)	PFC	PFC-LAND-470	WSL#80	DEV	23-Feb-23		1,806	4,800
Heritage Petroleum Co Ltd (IPSC)	CAT	CAT-LAND-193	AVOGL#6	DEV	14-Feb-23		2,280	2,250
Heritage Petroleum Co Ltd (LO)	2PAS	2PAS-LAND-1522	WSL#4	DEV	23-Feb-23		2,572	5,200
Heritage Petroleum Co Ltd (LO)	FOR3	FOR3-LAND-1826	WSL#80	DEV	4-Feb-23		5,005	4,940
Heritage Petroleum Co Ltd (LAND)	FOR	FOR-LAND-1827	WSL#80	DEV	24-Mar-23	-	3,662	5,430
BPTT	MAN1	MAN1-MAA1-02X	JOEDOUG	DEV	24-Mar-23	-	12,932	14,050
Heritage Petroleum Co Ltd (Offshore)	SOE	SOE-CL35-934X	WSL-#110	DEV	28-Mar-23	-	9,310	9,343
Heritage Petroleum Co Ltd (IPSC)	CAT	CAT-LAND-194	AVOGL#6	DEV	13-Mar-23	-	2,364	2,300
Heritage Petroleum Co Ltd (IPSC)	CAT	CAT-LAND-195	AVOGL#6	DEV	22-Mar-23	-	2,330	2,400

TABLE 2E - WELL COMPLETIONS IN 2023

Month	WELL COMPLETIONS - OIL									WELL COMPLETIONS - OTHER*					TOTAL COMPLETIONS	
	HPCL (LO)	HPCL (Offshore)	HPCL (Land)	TOTAL OIL	BHP	BP	DENOVO	EOG	TOTAL GAS	BHP	HPCL (Offshore)	SHELL	BPTT	EOG		TOTAL OTHER
Jan-23	2	0	0	2	0	1	0	1	2	0	0	0	0	0	0	4
Feb-23	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Mar-23	0	0	1	1	0	1	0	0	1	0	0	0	1	0	1	3
Apr-23				0					0						0	0
May-23				0					0						0	0
Jun-23				0					0						0	0
Jul-23				0					0						0	0
Aug-23				0					0						0	0
Sep-23				0					0						0	0
Oct-23				0					0						0	0
Nov-23				0					0						0	0
Dec-23				0					0						0	0
TOTAL	3	0	1	4	0	2	0	1	3	0	0	0	1	0	1	8

*NOTE: Includes Abandonments.

TABLE 2F - MEEI APPROVED WORKOVERS COMPLETED AND WINCH HOURS IN 2023

Month	HPCL (Offshore)	PEREN	HPCL (Land)	HPCL (IPSC)	HPCL (FO)	HPCL (LO)	HPCL (OFFSHORE)	EOG	BPTT	TOTAL WOs COMPLETED	TOTAL WINCH HOURS
Jan-23	0	1	2	0	0	5	0	1	1	10	1,497
Feb-23	0	1	1	0	0	5	0	0	0	7	1,101
Mar-23	0	1	0	0	0	7	0	0	0	8	1,070
Apr-23										0	
May-23										0	
Jun-23										0	
Jul-23										0	
Aug-23										0	
Sep-23										0	
Oct-23										0	
Nov-23										0	
Dec-23										0	
TOTAL	0	3	3	0	0	17	0	1	1	25	3,668

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

TABLE 3A - NATURAL GAS PRODUCTION BY COMPANY IN 2023 (MMSCF/D)													
COMPANY	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	AVG 2023
BPTT	1,238	1,259	1,205										1,234
HPCL (Offshore)	<i>14</i>	<i>14</i>	<i>14</i>										<i>14</i>
HPCL (Land)	<i>2</i>	<i>2</i>	<i>2</i>										<i>2</i>
EOG	277	283	<i>280</i>										<i>280</i>
SHELL	752	768	753										758
WOODSIDE	359	310	330										333
PERENCO	<i>22</i>	<i>22</i>	<i>22</i>										<i>22</i>
DENOVO	<i>80</i>	<i>61</i>	<i>48</i>										<i>63</i>
TOUCHSTONE	7	6	<i>6</i>										<i>6</i>
TOTAL	<i>2,751</i>	<i>2,726</i>	<i>2,661</i>	0	0	0	0	0	0	0	0	0	<i>2,712</i>

TABLE 3B - NATURAL GAS UTILIZATION BY SECTOR IN 2023 (MMSCF/D)													
SECTOR	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	AVG 2023
Power Generation	247	239	251										246
Ammonia Manufacture	462	454	427										448
Methanol Manufacture	569	569	488										542
Refinery	0	0	0										0
Iron & Steel Manufacture	46	48	50										48
Cement Manufacture	14	13	11										13
Ammonia Derivatives	21	7	10										13
Gas Processing	17	17	15										16
Gas to Liquids	12	16	0										10
Small Consumers	12	10	10										11
LNG	1,264	1,265	1,273										1,267
TOTAL	2,665	2,638	2,537	0	0	0	0	0	0	0	0	0	2,613

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 4A - CRUDE OIL IMPORTS IN 2023 (BBLs)

CRUDE TYPE	COUNTRY	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
-	-	-	-	-										-
TOTAL		-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4B - CRUDE OIL EXPORTS IN 2023 (BBLs)

CRUDE TYPE		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
BPTT	Galeota Mix	760,518	380,238	390,443										1,531,199
BHP	Calypso Crude	358,976	-	378,288										737,264
HPCL	Molo Crude	540,484	1,103,967	1,036,297										2,680,748
TOTAL		1,659,978	1,484,205	1,805,028	-	-	-	-	-	-	-	-	-	4,949,211

TABLE 4C - CRUDE OIL REFINERY SALES IN 2023 (BBLs)

LOCAL SALES (BBLs)													
PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Liquefied Petroleum Gas	-	-	-										-
Motor Gasoline	-	-	-										-
Naphtha	-	-	-										-
Aviation Gasoline	-	-	-										-
Kerosine/Jet	-	-	-										-
Gas Oils /Diesel	-	-	-										-
Fuel Oils	-	-	-										-
Bitumen	-	-	-										-
Sulphur	-	-	-										-
Other Refined/Unfinished Prod.	-	-	-										-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

EXPORT SALES (BBLs)													
PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Liquefied Petroleum Gas	-	-	-										-
Motor Gasoline	-	-	-										-
Naphtha	-	-	-										-
Aviation Gasoline	-	-	-										-
Kerosine/Jet	-	-	-										-
Gas Oils /Diesel	-	-	-										-
Fuel Oils	-	-	-										-
Bitumen	-	-	-										-
Sulphur	-	-	-										-
Other Refined/Unfinished Prod.	-	-	-										-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4D - CRUDE OIL REFINERY OUTPUT IN 2023 (BBLs)													
PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	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	-	-	-										-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4E - CRUDE OIL REFINERY THROUGHPUT IN 2023 (BBLs & BOPD)													
	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	AVG 2023
Throughput (BBLs)	-	-	-										
Throughput (BOPD)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4F - PARIÁ FUEL TRADING REFINED PRODUCT IMPORTS IN 2023 (LITRES)

PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Unleaded Gasoline 95	31,692,787	40,290,645	23,244,694										95,228,125
Unleaded Gasoline 92	41,828,526	26,199,468	42,070,345										110,098,339
Jet Fuel/Kerosene	19,133,926	19,102,606	-										38,236,532
Gas Oil/Diesel	61,745,304	52,399,094	50,600,157										164,744,555
Fuel Oil	6,517,036	8,747,624	7,653,634										22,918,294
TOTAL	160,917,579	146,739,436	123,568,830	-	-	-	-	-	-	-	-	-	431,225,846

TABLE 4G - PARIÁ FUEL TRADING REFINED PRODUCT LOCAL SALES IN 2023 (LITRES)

PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Unleaded Gasoline 95	10,122,225	9,497,883	11,537,369										31,157,477
Unleaded Gasoline 92	37,133,163	39,692,376	41,146,472										117,972,011
Jet Fuel/Kerosene	8,584,980	8,529,494	7,827,248										24,941,722
Gas Oil/Diesel	33,110,951	34,765,210	41,704,993										109,581,154
Fuel Oil	-	-	-										-
TOTAL	88,951,319	92,484,964	102,216,081	-	-	-	-	-	-	-	-	-	283,652,363

TABLE 4H - PARIÁ FUEL TRADING REFINED PRODUCT EXPORTS IN 2023 (LITRES)

PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Unleaded Gasoline 95	15,574,367	17,489,842	24,657,771										57,721,979
Unleaded Gasoline 92	768,066	791,596	-										1,559,662
Jet Fuel/Kerosene	1,249,161	1,757,124	2,996,746										6,003,031
Gas Oil/Diesel	11,587,450	10,115,707	12,295,737										33,998,893
Fuel Oil	334,032	175,045	328,308										837,385
TOTAL	29,513,075	30,329,314	40,278,562	-	-	-	-	-	-	-	-	-	100,120,950

TABLE 5A - PRODUCTION, IMPORT AND EXPORT OF NGLS FROM PPGPL IN 2023 (BBLs)

PRODUCTION (BBLs)													
PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Propane	152,955	132,413	135,106										420,474
Butane	116,005	101,916	105,477										323,398
Natural Gasoline	194,738	174,361	181,054										550,153
TOTAL	463,698	408,690	421,637	0	0	0	0	0	0	0	0	0	1,294,025

EXPORT (BBLs)													
PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Propane	103,048	69,062	116,463										288,573
Butane	47,815	17,823	18,955										84,593
Natural Gasoline	0	328,525	275,126										603,651
TOTAL	150,863	415,410	410,544	0	0	0	0	0	0	0	0	0	976,817

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 2023 (MT)

PRODUCTION (MT)

PLANT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
TRINGEN I	37,577	33,200	25,148										95,925
TRINGEN II	31,905	35,178	17,503										84,586
NUTRIEN (1,2,3,4)	106,099	90,599	108,381										305,079
PLNL	59,970	54,750	60,005										174,725
CNC	46,855	42,888	46,468										136,211
N2000	47,444	40,562	45,759										133,765
AUM-NH3	53,202	43,297	45,776										142,275
TOTAL	383,052	340,474	349,040	0	0	0	0	0	0	0	0	0	1,072,566

EXPORT (MT)

PLANT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
TRINGEN I	43,063	28,354	40,028										111,445
TRINGEN II	39,068	31,504	25,302										95,874
NUTRIEN (1,2,3,4)	103,867	65,304	76,306										245,477
PLNL	76,582	69,476	26,660										172,718
CNC	47,627	40,809	51,518										139,954
N2000	34,902	44,001	30,007										108,910
AUM-NH3	23,000	0	32,138										55,138
TOTAL	368,109	279,448	281,959	0	0	0	0	0	0	0	0	0	929,517

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 2023 (MT)

PRODUCTION (MT)													
PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Urea	52,002	3,428	0										55,430
UAN	116,265	42,144	73,214										231,623
Melamine	2,632	760	1,301										4,693
CGCL DME	0	0	0										0
TOTAL	170,899	46,332	74,515	0	0	0	0	0	0	0	0	0	291,746

EXPORT (MT)													
PRODUCT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Urea	28,479	21,989	6,299										56,767
UAN	96,336	112,800	32,403										241,539
Melamine	2,320	2,002	0										4,322
CGCL DME	0	0	0										0
TOTAL	127,135	136,791	38,702	0	0	0	0	0	0	0	0	0	302,628

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

TABLE 5D - PRODUCTION AND EXPORT OF METHANOL IN 2023 (MT)

PRODUCTION (MT)													
PLANT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
CMC	45,447	40,482	45,047										130,976
TTMC II	30,728	37,848	28,166										96,742
MIV	43,314	39,439	41,437										124,190
TITAN	0	0	0										0
ATLAS	156,680	138,856	110,854										406,390
M5000	151,213	134,766	109,968										395,947
CGCL	92,790	84,670	92,522										269,982
TOTAL	520,172	476,061	427,995	0	0	0	0	0	0	0	0	0	1,424,228

EXPORT (MT)													
PLANT	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
CMC	20,000	57,067	35,675										112,742
TTMC II	34,938	38,039	51,031										124,008
MIV	72,586	24,900	8,000										105,486
TITAN	0	0	0										0
ATLAS	103,211	144,344	125,951										373,506
M5000	211,469	212,947	73,853										498,269
CGCL	76,410	76,264	91,081										243,755
TOTAL	518,614	553,561	385,591	0	0	0	0	0	0	0	0	0	1,457,766

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 2023 (M³)

TRAIN	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Train 1	0	0	0										0
Train 2	537,469	517,186	594,113										1,648,768
Train 3	172,904	102,387	128,152										403,443
Train 4	877,127	830,545	898,180										2,605,852
TOTAL	1,587,500	1,450,118	1,620,445	0	0	0	0	0	0	0	0	0	4,658,063

TABLE 5E (II) - PRODUCTION OF LNG FROM ALNG IN 2023 (MMBTU)**

TRAIN	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Train 1	0	0	0										0
Train 2	11,960,781	11,514,991	13,262,563										36,738,335
Train 3	2,857,723	2,265,486	2,860,647										7,983,857
Train 4	20,617,660	18,573,229	20,037,318										59,228,206
TOTAL	35,436,164	32,353,706	36,160,528	0	0	0	0	0	0	0	0	0	103,950,398

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

TABLE 5F (I) - LNG SALES & DELIVERIES FROM ALNG IN 2023 (MMBTU)

TRAIN	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Train 1	0	0	0										0
Train 2	11,132,262	5,544,522	8,164,243										24,841,027
Train 3	5,601,105	5,697,909	3,144,526										14,443,540
Train 4	17,261,960	<i>20,319,592</i>	23,328,821										60,910,373
TOTAL	33,995,327	<i>31,562,023</i>	34,637,590	0	0	0	0	0	0	0	0	0	100,194,940

TABLE 5F (II) - LNG SALES & DELIVERIES FROM ALNG IN 2023 (M³)***

TRAIN	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Train 1	0	0	0										0
Train 2	500,239	249,027	365,727										1,114,994
Train 3	338,890	257,513	140,869										737,272
Train 4	734,367	<i>908,638</i>	1,045,723										2,688,728
TOTAL	1,573,496	<i>1,415,178</i>	1,552,319	0	0	0	0	0	0	0	0	0	4,540,993

*** 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 2023 (BBLs)

TRAIN	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
Train 1	0	0	0										0
Train 2	45,220	40,636	42,186										128,042
Train 3	9,879	6,802	15,046										31,727
Train 4	120,439	109,400	114,434										344,273
TOTAL	175,538	156,838	171,666	0	0	0	0	0	0	0	0	0	504,042

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