



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	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	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 ₃	- Ammonia
M ³	- 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 TTDAA3	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 ECMA	BPTT	HPCL (Offshore)	HPCL (Land)	HPCL (LO)	HPCL (IPSC)	HPCL (FO)	TEPGL	PRIM	EOG	CEBL	LTL	DENOVO	TEPL	SHELL 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
AVG 2021	164	4,730	18,161	10,478	5,452	634	286	1,107	178	2,188	12	14	447	297	288	86	71	6,696	8,561	17,498	42,352	59,850

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	9,291
Feb-21	4,499	35	353	492	3,243	68	8,689
Mar-21	5,319	32	340	487	2,975	165	9,317
Apr-21	6,079	24	362	533	2,634	105	9,737
May-21	5,471	22	364	541	2,474	145	9,017
Jun-21	5,032	18	325	461	2,245	225	8,307
Jul-21	3,832	23	276	523	1,963	275	6,892
Aug-21	3,213	180	278	513	1,738	116	6,038
Sep-21	4,442	339	237	481	1,483	83	7,067
Oct-21	3,444	642	170	347	1,469	123	6,196
Nov-21	3,732	193	165	128	1,358	88	5,664
Dec-21	3,983	408	237	359	1,263	27	6,278
AVG 2021	4,485	164	288	447	2,188	128	7,700

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, 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 (LO)	PRIM	TOTAL
Jan-21	29	0	31	31	0	0	91
Feb-21	8	0	27	28	0	0	63
Mar-21	31	0	27	31	0	0	89
Apr-21	30	0	25	30	0	0	85
May-21	31	9	31	31	0	4	106
Jun-21	30	30	14	30	0	7	111
Jul-21	20	31	0	36	14	5	106
Aug-21	0	23	0	61	25	20	129
Sep-21	0	0	0	58	24	30	112
Oct-21	0	0	0	31	51	12	94
Nov-21	0	0	0	30	45	15	90
Dec-21	0	0	0	11	14	15	40
TOTAL	179	93	155	408	173	108	1,116

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	22,233
Feb-21	3,494	0	0	5,507	1,520	0	10,521
Mar-21	237	0	0	8,131	8,726	0	17,094
Apr-21	42	0	0	6,588	10,690	0	17,320
May-21	306	0	1,593	11,870	5,401	0	19,170
Jun-21	128	0	2,974	3,372	1,520	0	7,994
Jul-21	0	3,738	0	12,505	0	0	16,243
Aug-21	0	6,476	0	19,465	0	5,868	31,809
Sep-21	0	4,728	0	757	0	4,832	10,317
Oct-21	0	16,140	0	3,205	0	0	19,345
Nov-21	0	15,516	0	5,890	0	0	21,406
Dec-21	0	4,710	0	0	0	0	4,710
TOTAL	8,001	51,308	4,567	87,134	36,452	10,700	198,162

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
TOTAL	3	4	0	7	3	1	0	4	5	4	9

*NOTE: Includes Abandonments.

TABLE 2F - MEEI APPROVED WORKOVERS COMPLETED AND WINCH HOURS IN 2021								
	HPCL (Offshore)	PEREN	HPCL (Land)	HPCL (IPSC)	HPCL (LO)	BPTT	TOTAL WOs COMPLETED	TOTAL WINCH 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
TOTAL	7	11	12	1	39	2	72	15,130

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
TOTAL	3,005	2,854	2,777	2,559	2,484	2,503	2,391	2,342	2,401	2,636	2,357	2,639	2,579

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
TOTAL	2,847	2,681	2,569	2,389	2,373	2,426	2,304	2,253	2,285	2,503	2,295	2,598	2,460

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 2021 (BBLS)

[illegible]

TABLE 4B - CRUDE OIL EXPORTS IN 2021 (BBLS)

CRUDE TYPE		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
BPTT	Galeota Mix	381,078	378,170	380,116	380,262	773,319	384,973	390,945	390,191	390,572	390,178	390,850	386,467	5,017,121
BHP	Calypso Crude	-	-	500,634	-	-	378,151	-	500,210	500,115	-	360,343	360,466	2,599,919
HPCL	Molo Crude	1,070,794	1,609,616	1,074,823	1,076,130	1,530,098	1,027,867	1,027,080	998,445	1,565,940	1,022,492	1,005,453	1,055,566	14,064,304
TOTAL		1,451,872	1,987,786	1,955,573	1,456,392	2,303,417	1,790,991	1,418,025	1,888,846	2,456,627	1,412,670	1,756,646	1,802,499	21,681,344

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.	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

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.	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

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 - PARIA 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	470,152,223
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	457,577,623
Jet Fuel/Kerosene	-	38,177,866	-	30,815,655	-	28,659,156	-	20,728,089	-	32,306,953	-	38,127,785	188,815,505
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	1,136,929,233
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	90,049,442
TOTAL	193,688,139	228,093,720	123,833,702	217,945,421	201,522,382	114,754,114	210,170,162	220,557,419	161,963,873	191,403,177	204,935,992	274,655,925	2,343,524,025

TABLE 4G - PARIA 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	103,168,413
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	442,858,765
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	62,734,680
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	429,663,003
Fuel Oil	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	79,101,120	91,278,252	89,604,914	95,134,164	64,795,152	66,439,713	85,692,562	89,165,633	91,587,164	92,310,714	91,993,058	101,322,415	1,038,424,862

TABLE 4H - PARIA 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	369,765,923
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	24,283,038
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	141,464,248
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	554,222,482
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	26,103,917
TOTAL	102,197,480	76,649,859	87,204,528	95,596,021	96,019,404	90,234,026	90,461,695	82,791,049	90,925,937	88,642,884	100,368,652	114,748,072	1,115,839,607

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

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

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	455,279
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	455,441
NUTRIEN (1,2,3,4)	118,727	82,597	86,518	139,160	167,837	127,544	165,178	157,987	137,945	166,212	156,993	154,553	1,661,252
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	596,365
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	538,509
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	594,238
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	628,681
TOTAL	422,908	337,652	379,451	422,686	456,807	404,293	396,719	425,597	424,254	409,366	401,964	448,067	4,929,765
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	446,276
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	450,221
NUTRIEN (1,2,3,4)	69,209	40,650	60,822	85,310	124,546	100,107	138,024	128,007	100,226	130,017	113,448	122,973	1,213,339
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	639,108
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	520,771
N2000	39,402	57,002	63,223	20,003	58,601	55,506	71,502	0	75,730	53,001	41,017	50,487	585,474
AUM-NH3	3,000	10,002	6,000	0	0	0	9,000	0	0	10,300	0	0	38,302
TOTAL	284,171	320,820	321,388	246,165	305,193	349,603	404,434	304,319	333,318	381,894	317,201	314,685	3,893,491

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	718,612
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	1,448,448
Melamine	1,827	2,574	2,435	1,924	2,445	993	1,741	2,183	2,646	2,677	2,297	2,515	26,257
CGCL DME	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	197,509	169,163	185,534	182,976	193,236	186,842	162,912	184,389	175,096	199,210	185,146	171,304	2,193,317
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	723,565
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	1,452,606
Melamine	2,282	2,190	2,942	1,560	2,700	900	1,862	1,910	2,360	2,362	3,060	1,382	25,510
CGCL DME	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	184,360	177,505	203,852	184,864	157,045	195,062	148,165	193,150	194,834	151,615	204,789	206,439	2,201,681

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	525,664
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	393,269
MIV	46,475	46,607	44,702	0	47,368	40,965	35,569	46,677	47,238	51,407	46,471	50,729	504,208
TITAN	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1,833,127
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	1,417,281
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	836,681
TOTAL	527,524	471,108	458,361	322,351	524,809	494,674	468,063	500,054	490,522	403,640	374,097	475,027	5,510,230
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	538,074
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	381,489
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	506,341
TITAN	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1,818,210
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	1,393,135
CGCL	99,698	102,504	0	65,814	106,719	69,667	98,257	112,113	54,075	74,852	0	30,240	813,939
TOTAL	432,871	480,967	467,228	387,801	475,033	476,203	514,428	530,669	433,295	482,981	380,122	389,590	5,451,188

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 (M³)

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
TOTAL	1,757,149	1,422,672	1,512,812	1,375,126	1,109,426	1,191,420	1,111,506	962,749	932,856	1,437,032	1,092,035	1,385,327	15,290,110

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
TOTAL	39,284,795	31,822,919	33,840,289	30,775,486	24,891,291	26,642,636	24,841,999	21,508,655	20,885,584	32,107,134	24,394,526	30,931,230	341,926,543

** 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
TOTAL	40,539,979	31,381,911	33,307,157	31,157,574	27,889,487	24,610,910	22,150,132	25,501,127	20,107,325	29,231,359	26,784,221	31,077,010	343,738,192

TABLE 5F (II) - LNG SALES & DELIVERIES FROM ALNG IN 2021 (M³)***

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
TOTAL	1,813,484	1,402,067	1,490,681	1,388,666	1,242,274	1,098,929	989,405	1,140,809	877,314	1,308,212	1,220,237	1,391,559	15,363,638

*** 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
TOTAL	225,458	178,471	200,476	166,483	111,432	167,040	142,742	134,534	157,567	160,625	124,989	160,076	1,929,893

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