



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

CONSOLIDATED MONTHLY BULLETINS

JANUARY-JULY 2019



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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 : Iguana platform installation with Well Services Rig 110 and heavy lift barge. [Source : DeNovo Energy Limited]

LIST OF ABBREVIATIONS USED

Company and Facility Names

ALNG	- Atlantic LNG	NUTRIEN 1,2,3,4	- Nutrien Ammonia Plants 1, 2, 3, 4 (Formerly PCS)
ATLAS	- Atlas Methanol Plant	NUTRIEN (Urea)	- Nutrien Urea Plant
AUM-NH3	- Ammonia Plant from AUM Complex	PCSL	- Petroleum Contracting Services Limited
AVDWL	- A&V Drilling and Workover Limited	PERENCO	- Perenco Trinidad & Tobago
AVOGL	- A&V Oil & Gas Ltd	PLNL	- Point Lisas Nitrogen Ltd (formerly Farmland MissChem Ltd)
BHP	- BHP Billiton (Trinidad) Limited	POGTL	- Primera Oil & Gas T'dad Ltd
BOLT	- Beach Oilfield Trinidad Limited	PPGPL	- Phoenix Park Gas Processors Ltd
BPTT	- BP Trinidad and Tobago LLC	PRIM	- Primera Oil and Gas Ltd (formerly PCOL)
CMC (M2)	- Caribbean Methanol Company Ltd (& Plant)	PTRIN	- Petroleum Company of Trinidad and Tobago Ltd
CNC	- Caribbean Nitrogen Company Ltd (& Plant)	RALCOFF	- Ralph Coffman Rig
DEEP INV	Deepwater Invictus	REXLII	- Rowan EXL II Rig
DENOVO	- DeNovo Energy	RG VI	- Rowan Gorilla VI
DOV	- Diamond Ocean Victory Rig	RPTTL	- Rocky Point T&T Ltd
EOG	- EOG Resources Trinidad Ltd	RRDSL	- Range Resources Drilling Services Ltd
EOGUA	- EOG Resources Trinidad Block U (a) Unlimited	SHELL	- Shell Trinidad Ltd
FETL	- Fram Exploration Trinidad Limited	TEPGL	- Trinity Exploration & Production (Galeota)Ltd
HPCL	- Heritage Petroleum Co Ltd	TEPL	- Trinity Exploration & Production Ltd (Oilbelt)
HPCL (Offshore)	- Formerly Petrotrin Trinmar	TETL	- Touchstone Exploration (Trinidad) Ltd
JOEDOUG	- Joe Douglas Rig	TITAN	- Titan Methanol Plant
LOL	- Lease Operators Ltd	TMAR	- Trinmar Strategic Business Unit, Petrotrin
LTL	- Leni Trinidad Ltd	TRINGEN I & II	- Trinidad Nitrogen Company Ltd Plants I & II
MIV (M4)	- Methanol IV Company Ltd Plant	TTMC I (M1)	- Trinidad and Tobago Methanol Company Ltd Plant I
M5000 (M5)	- M5000 Methanol Plant	TTMC II (M3)	- Trinidad and Tobago Methanol Company Ltd Plant II
MAERSK DEV	Maersk Developer	TWSC	- Tallon Well Services Company
MEPR	- Massy Energy Production Resources	WSL	- Well Services Petroleum Company Limited
N2000	- Nitrogen 2000 Unlimited	WWL	- Walkerwell Limited
NGC	- The National Gas Company of Trinidad & Tobago Ltd	YARA	- Yara Trinidad Ltd
NHETT	- New Horizon Energy Trinidad and Tobago 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	LO	- Lease Operators
CB	- Central Block	NCMA	- North Coast Marine Area
DEV	- Development	PAP	- Pointe-a-Pierre
ECMA	- East Coast Marine Area	ST	- Sidetrack
EXPL	- Exploration	TD	- Total Depth
FO	- Farmouts	wef	- with effect from
IPSC	- Incremental Production Service Contract(s)	wo	- workover
KOP	- Kick-off Point		

TABLE 1A - CRUDE OIL & CONDENSATE PRODUCTION IN 2019 (BOPD)

	SHELL ECMA	BPTT	HPCL (Offshore)	HPCL (Land)	HPCL (LO)	HPCL (IPSC)	HPCL (FO)	TEPGL	PRIM	EOG	BOLT	LTL	DENOVO	TEPL	SHELL CB	MEPR	NHETT	BHP	PERENCO	SUBTOTAL		TOTAL
																				LAND	MARINE	
Jan-19	317	6,456	13,730	9,582	6,895	926	531	1,159	223	1,302	7	5	198	212	689	65	75	5,721	10,173	18,996	39,269	58,265
Feb-19	227	8,010	14,567	9,838	7,266	932	517	1,193	226	1,280	8	30	277	214	633	53	71	4,622	9,972	19,573	40,363	59,936
Mar-19	158	8,456	13,235	9,913	6,859	725	466	1,278	213	1,192	7	23	232	223	611	50	59	4,529	11,050	18,928	40,353	59,281
Apr-19	238	6,787	16,115	10,269	6,748	838	512	1,260	210	1,344	8	10	440	256	393	63	88	3,988	9,686	19,138	40,115	59,253
May-19	190	7,436	15,328	10,178	6,621	816	448	1,221	207	1,278	7	9	610	232	529	69	58	4,339	9,581	18,942	40,119	59,061
Jun-19	137	7,216	15,697	10,064	6,642	738	408	1,131	217	1,248	6	9	550	228	557	66	56	4,992	9,548	18,763	40,747	59,510
Jul-19	171	6,235	15,171	10,023	6,904	825	513	1,223	216	1,186	9	9	586	221	535	57	55	4,542	11,400	19,146	40,737	59,883
Aug-19																						
Sep-19																						
Oct-19																						
Nov-19																						
Dec-19																						
AVG 2019	205	7,205	14,829	9,981	6,843	827	485	1,210	216	1,261	7	13	414	227	564	61	66	4,679	10,210	19,063	40,240	59,303

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

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

TABLE 1B - CONDENSATE PRODUCTION (ONLY) IN 2019 (BOPD)							
	BPTT	SHELL ECMA	SHELL CB	DENOVO	EOG	NGC	TOTAL
Jan-19	6,216	317	689	198	1,302	121	8,843
Feb-19	7,989	227	633	277	1,280	160	10,566
Mar-19	8,095	158	611	232	1,192	107	10,395
Apr-19	6,583	238	393	440	1,344	64	9,062
May-19	7,018	190	529	610	1,278	46	9,671
Jun-19	6,905	137	557	550	1,248	62	9,459
Jul-19	6,235	171	535	586	1,186	106	8,819
Aug-19							
Sep-19							
Oct-19							
Nov-19							
Dec-19							
AVG 2019	6,994	205	564	414	1,261	94	9,532

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

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

TABLE 2A - DRILLING RIGS IN USE IN 2019							
	MARINE				LAND		
	SHELL	BPTT	BHP	EOG	LOL	HPCL (Land)	HPCL (LO)
Jan-19	RG VI	REXL II	-	-	-	-	NABI RIG 8, TOMS RIG 14, WSL RIG # 80
Feb-19	RG VI	REXL II	DEEP INV	-	-	-	TOMS RIG 14
Mar-19	RG VI	REXL II & JOEDOUG	DEEP INV	-	-	-	WSL RIG # 4
Apr-19	-	REXL II & JOEDOUG	DEEP INV	-	-	-	WSL RIG #4 & PCSL RIG #8
May-19	-	REXL II & JOEDOUG	DEEP INV	-	WSL RIG #80	-	-
Jun-19	-	REXL II & JOEDOUG	DEEP INV	-	WSL RIG #80	WSL RIG # 4	-
Jul-19	-	REXL II & JOEDOUG	-	RALCOFF	WSL RIG #80	WSL RIG # 4	WSL RIG # 2 & PCSL RIG #8
Aug-19							
Sep-19							
Oct-19							
Nov-19							
Dec-19							

TABLE 2B - RIG DAYS IN 2019

	EOG	BPTT	HPCL (LO)	LOL	SHELL	BHP	HPCL (LAND)	TOTAL
Jan-19	0	31	30	0	31	0	0	92
Feb-19	0	28	8	0	28	1	0	65
Mar-19	0	56	17	0	28	31	0	132
Apr-19	0	60	31	0	0	30	0	121
May-19	0	62	0	27	0	31	0	120
Jun-19	0	53	0	30	0	19	14	116
Jul-19	20	38	14	14	0	0	23	109
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
TOTAL	20	328	100	71	87	112	37	755

TABLE 2C - DEPTH DRILLED IN 2019 (FT)								
	EOG	HPCL (LO)	LOL	BPTT	BHP	SHELL	HPCL (LAND)	TOTAL
Jan-19	0	2	0	9,477	0	11,799	0	21,278
Feb-19	0	0	0	0	9,220	701	0	9,921
Mar-19	0	6,206	0	15,172	19,714	471	0	41,563
Apr-19	0	9,949	0	15,984	3,558	0	0	29,491
May-19	0	0	4,849	0	6,598	0	0	11,447
Jun-19	0	0	1,133	0	1,282	0	2,940	5,355
Jul-19	11,495	2,988	1,480	7,562	0	0	3,880	27,405
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
TOTAL	11,495	19,145	7,462	48,195	40,372	12,971	6,820	146,460

TABLE 2D - WELLS STARTED IN 2019

COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDDED	DATE COMPLETED	TD (ft)	ATD (ft)
BPTT	ANGELIN	ANG1-ANG1-02	REXL II	DEV	5-Jan-19	9-Jul-19	9,477	9,490
SHELL	DOLPHIN	DOL-DOA-18	RG VI	DEV	8-Jan-19	29-Mar-19	12,500	12,594
BHP	B23A	B23A-NOP-TUK_1	DEEP INV	EXP (A 2c)	28-Feb-19	20-May-19	14,800	14,732
BHP	BTD14	BTD14-NOP-HI-HAT_1	DEEP INV	EXP (A 2c)	5-Mar-19	19-Jun-19	12,482	12,440
BHP	B23A	B23A-NOP-BELE_1ST2	DEEP INV	EXP (A 2c)	3-Mar-19	24-Apr-19	13,065	13,100
BPTT	ANGELIN	ANGI-ANGI-03	REXL II	DEV	4-Mar-19	9-Apr-19	7,914	7,967
BPTT	CASHIMA	CAS2-CAA2-09ST1	JOEDOUG	DEV	7-Mar-19	-	13,353	12,981
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1802	WSL RIG # 4	DEV	14-Mar-19	14-May-19	2,750	2,750
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1803	WSL RIG # 4	DEV	21-Mar-19	14-May-19	2,800	2,800
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1804	WSL RIG # 4	DEV	30-Mar-19	31-May-19	2,850	2,850
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1805	WSL RIG #4	DEV	6-Apr-19	31-May-19	2,505	2,500
HPCL (LO) (LOL)	PALO SECO	PAS-LAND-1514	PCSL RIG #8	DEV	7-Apr-19	2-Jun-19	5,250	5,150
BPTT	ANGELIN	ANGI-ANGI-04	REXL II	DEV	13-Apr-19	23-Jun-19	9,889	10,578
LOL	RIO CLARO BLOCK	BARAKAT_ ST1	WSL RIG #80	EXP(A 2b)	5-May-19	-	7,462	9,376
HPCL (LAND)	POINT FORTIN CENTRAL	PFC-LAND-466	WSL RIG #4	DEV	15-Jun-19	-	2,940	2,917
HPCL (LAND)	POINT FORTIN EAST	PFE-LAND-227	WSL RIG #4	DEV	2-Jul-19	-	3880	3873
EOG	OSPREY	OSP-OSA-OSP_10	RALCOFF	EXPL(A 2a)	12-Jul-19	-	11,495	11377
BPTT	ANGELIN	ANG1-ANG1-05	ROWAN EXL II	DEV	14-Jul-19	-	7,562	7401
HPCL(LOL)	PALO SECO	PAS-LAND-606	WSL RIG #2	DEV	19-Jul-19	-	2,850	2850
HPCL(LOL)	PALO SECO	PAS-LAND-1515	PCSL RIG#8	DEV	31-Jul-19	-	138	3580

TABLE 2E - WELL COMPLETIONS IN 2019									
	WELL COMPLETIONS - OIL			WELL COMPLETIONS - GAS			WELL COMPLETIONS - OTHER*		TOTAL COMPLETIONS
	HPCL (LO)	HPCL (IPSC)	TOTAL OIL	BPTT	SHELL	TOTAL GAS	BHP	TOTAL OTHER	
Jan-19	2	0	2	1	2	3	0	0	5
Feb-19	1	0	1	0	0	0	0	0	1
Mar-19	2	0	2	0	1	1	0	0	3
Apr-19	1	0	1	1	0	1	1	1	3
May-19	4	0	4	0	0	0	1	1	5
Jun-19	1	0	1	1	0	1	1	1	3
Jul-19	0	1	1	1	0	1	0	0	2
Aug-19									
Sep-19									
Oct-19									
Nov-19									
Dec-19									
TOTAL	11	1	12	4	3	7	3	3	22

*NOTE: Includes Abandonments.

TABLE 2F - MEEI APPROVED WORKOVERS COMPLETED AND WINCH HOURS IN 2019

	PERENCO	HPCL (Land)	HPCL (IPSC)	HPCL (LO)	BPTT	TOTAL WORKOVERS COMPLETED	TOTAL WINCH HOURS
Jan-19	3	0	0	0	0	3	820
Feb-19	2	0	0	2	0	4	622
Mar-19	0	0	0	7	2	9	1,469
Apr-19	0	0	0	2	1	3	477
May-19	1	0	0	3	0	4	824
Jun-19	1	0	0	11	0	12	2,426
Jul-19	1	2	1	7	0	11	2,912
Aug-19							
Sep-19							
Oct-19							
Nov-19							
Dec-19							
TOTAL	8	2	1	32	3	46	9,550

TABLE 3A - NATURAL GAS PRODUCTION BY COMPANY IN 2019 (MMSCF/D)													
COMPANY	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	AVG 2019
BPTT	1,927	2,124	2,150	1,604	1,917	1,706	1,970						1,914
HPCL (Offshore)	<i>16</i>	<i>16</i>	<i>16</i>	<i>16</i>	<i>16</i>	<i>16</i>	<i>16</i>						<i>16</i>
HPCL (Land)	1	1	2	2	2	2	2						2
EOG	448	494	488	489	486	493	458						480
SHELL	699	759	625	649	717	686	728						695
BHP	449	450	454	426	446	475	421						446
PERENCO	<i>30</i>	<i>30</i>	<i>30</i>	<i>30</i>	<i>30</i>	<i>30</i>	<i>30</i>						<i>30</i>
DENOVO	69	82	80	81	83	83	82						80
TOTAL	<i>3,640</i>	<i>3,956</i>	<i>3,844</i>	<i>3,298</i>	<i>3,696</i>	<i>3,491</i>	<i>3,708</i>						<i>3,662</i>

TABLE 3B - NATURAL GAS UTILIZATION BY SECTOR IN 2019 (MMSCF/D)													
SECTOR	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	AVG 2019
Power Generation	226	261	240	249	287	250	PENDING						252
Ammonia Manufacture	607	606	593	567	582	542	PENDING						583
Methanol Manufacture	494	587	531	502	513	581	PENDING						535
Refinery	0	0	0	0	0	0	PENDING						0
Iron & Steel Manufacture	54	46	49	51	50	31	PENDING						47
Cement Manufacture	8	11	12	15	12	16	PENDING						12
Ammonia Derivatives	22	21	22	23	23	22	PENDING						22
Gas Processing	22	24	24	24	24	24	PENDING						24
Small Consumers	8	7	6	8	8	8	PENDING						8
LNG	2,018	2,204	2,179	1,724	2,025	1,814	<i>2,040</i>						<i>2,001</i>
TOTAL	3,459	3,769	3,656	3,162	3,522	3,288	<i>2,040</i>						<i>3,271</i>

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 2019 (BBLS)

LOCAL SALES (BBLS)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	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-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	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 2019 (BBLs)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	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 2019 (BBLs & BOPD)													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	AVG 2019
Throughput (BBLs)	-	-	-	-	-	-	-						
Throughput (BOPD)	-	-	-	-	-	-	-						

TABLE 4F - PARIA FUEL TRADING REFINED PRODUCT IMPORTS IN 2019 (LITRES)

PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Unleaded Gasoline 95	38,096,942	38,064,986	72,218,732	38,156,880	38,313,641	30,248,390	51,366,156						306,465,726
Unleaded Gasoline 92	36,523,289	75,183,680	38,143,207	74,891,144	40,580,955	53,221,375	46,830,893						365,374,543
Jet Fuel/Kerosene	72,532,095	38,111,251	34,404,151	37,759,095	38,200,442	38,193,447	-						259,200,481
Gas Oil/Diesel	38,198,853	85,970,789	76,301,359	38,061,329	75,988,791	118,927,205	43,011,389						476,459,714
Fuel Oil	-	25,506,125	-	7,935,200	16,276,135	1,372,694	16,601,582						67,691,736
TOTAL	185,351,178	262,836,831	221,067,449	196,803,648	209,359,964	241,963,110	157,810,019	-	-	-	-	-	1,475,192,200

TABLE 4G - PARIA FUEL TRADING REFINED PRODUCT LOCAL SALES IN 2019 (LITRES)

PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Unleaded Gasoline 95	5,486,542	6,351,606	7,660,770	7,780,315	8,816,841	7,988,652	9,361,950						53,446,676
Unleaded Gasoline 92	47,536,208	50,737,677	49,569,839	47,180,591	49,686,492	46,085,647	51,562,664						342,359,118
Jet Fuel	13,001,687	12,864,217	13,811,790	12,319,097	13,100,916	12,658,194	13,087,333						90,843,234
Kerosene	1,145,291	1,366,429	1,474,259	1,429,323	1,718,724	1,598,164	1,408,148						10,140,338
Gas Oil/Diesel	37,690,013	39,663,379	42,343,990	40,514,905	42,344,079	37,857,078	42,742,383						283,155,827
Fuel Oil	-	-	-	-	-	-	-						-
TOTAL	104,859,741	110,983,308	114,860,648	109,224,231	115,667,053	106,187,735	118,162,478	-	-	-	-	-	779,945,193

TABLE 4H - PARIA FUEL TRADING REFINED PRODUCT EXPORTS IN 2019 (LITRES)

PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Unleaded Gasoline 95	37,169,094	26,835,098	36,034,562	22,569,318	41,038,837	27,314,285	30,643,790						221,604,983
Unleaded Gasoline 92	4,071,021	1,576,356	1,594,799	3,218,692	2,479,879	2,558,578	5,588,711						21,088,036
Jet Fuel/Kerosene	28,790,161	50,863,280	9,255,033	6,461,232	19,530,599	23,086,820	22,595,709						160,582,834
Gas Oil/Diesel	21,224,447	17,862,666	16,602,218	20,499,466	26,421,413	27,541,636	31,699,464						161,851,310
Fuel Oil	1,613,082	333,396	1,256,633	248,815	5,940,390	922,920	2,626,942						12,942,177
TOTAL	92,867,804	97,470,796	64,743,245	52,997,522	95,411,119	81,424,238	93,154,617	-	-	-	-	-	578,069,340

TABLE 5A - PRODUCTION, IMPORT AND EXPORT OF NGLS FROM PPGPL IN 2019 (BBLs)													
PRODUCTION (BBLs)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Propane	232,739	241,923	255,055	214,876	232,269	214,640	322,479						1,713,981
Butane	200,214	212,383	224,190	183,833	201,272	187,413	197,174						1,406,479
Natural Gasoline	287,189	304,261	321,334	264,829	300,794	274,931	321,210						2,074,548
TOTAL	720,142	758,567	800,579	663,538	734,335	676,984	840,863	0	0	0	0	0	5,195,008
EXPORT (BBLs)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Propane	252,439	96,263	226,076	256,891	200,296	177,460	174,340						1,383,765
Butane	158,299	188,341	230,304	219,518	168,300	179,510	126,981						1,271,253
Natural Gasoline	623,167	0	624,914	0	316,085	622,417	311,597						2,498,180
TOTAL	1,033,905	284,604	1,081,294	476,409	684,681	979,387	612,918	0	0	0	0	0	5,153,198

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 2019 (MT)

PRODUCTION (MT)													
PLANT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
YARA	20,735	17,752	26,470	25,202	23,999	22,936	24,098						161,192
TRINGEN I	40,496	36,116	36,697	12,531	44,423	33,559	41,863						245,685
TRINGEN II	49,074	40,914	47,605	45,377	45,904	38,906	30,110						297,890
NUTRIEN (1,2,3,4)	179,400	160,117	167,995	170,383	172,804	172,222	153,145						1,176,066
PLNL	60,888	54,268	61,558	50,544	54,764	57,383	59,647						399,052
CNC	55,180	46,837	52,879	54,030	56,133	45,525	58,023						368,607
N2000	57,737	48,102	57,088	54,116	43,548	53,131	55,591						369,313
AUM-NH3	1,729	3,170	1,805	15,143	1,290	0	26,684						49,821
TOTAL	465,239	407,276	452,097	427,326	442,865	423,662	449,161	0	0	0	0	0	3,067,626
EXPORT (MT)													
PLANT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
YARA	42,906	0	34,509	24,001	19,509	36,950	8,552						166,427
TRINGEN I	37,266	35,683	16,006	20,701	48,804	25,345	42,955						226,760
TRINGEN II	41,741	50,653	45,725	49,241	31,745	52,753	35,025						306,883
NUTRIEN (1,2,3,4)	124,488	147,608	141,970	135,079	101,454	157,441	139,771						947,811
PLNL	60,734	87,072	48,695	75,634	53,840	39,306	25,271						390,552
CNC	46,643	61,718	60,149	25,508	60,110	55,851	41,946						351,925
N2000	53,668	66,257	66,011	30,200	59,900	16,653	33,843						326,532
AUM-NH3	0	0	0	0	0	0	0						0
TOTAL	407,446	448,991	413,065	360,364	375,362	384,299	327,363	0	0	0	0	0	2,716,890

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

TABLE 5C - PRODUCTION AND EXPORT OF DOWNSTREAM AMMONIA PRODUCTS IN 2019 (MT)

PRODUCTION (MT)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Urea	60,966	52,314	63,540	58,874	62,790	61,124	46,923						406,531
UAN	134,882	117,632	135,058	127,345	130,729	122,550	130,264						898,460
Melamine	2,686	2,244	2,321	2,659	2,748	2,175	2,659						17,492
TOTAL	198,534	172,190	200,919	188,878	196,267	185,849	179,846	0	0	0	0	0	1,322,483
EXPORT (MT)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Urea	25,514	53,552	66,237	57,408	68,647	67,351	49,716						388,425
UAN	139,552	116,285	139,090	103,522	168,835	120,262	115,163						902,709
Melamine	3,071	1,980	2,320	2,722	2,740	2,000	2,812						17,645
TOTAL	168,137	171,817	207,647	163,652	240,222	189,613	167,691	0	0	0	0	0	1,308,779

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

TABLE 5D - PRODUCTION AND EXPORT OF METHANOL IN 2019 (MT)

PRODUCTION (MT)													
PLANT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
TTMC I	0	0	0	0	0	0	0						0
CMC	44,172	41,623	41,418	45,000	34,865	37,288	31,399						275,765
TTMC II	49,706	45,444	51,317	43,466	47,341	42,841	43,978						324,093
MIV	53,670	48,798	52,625	36,114	53,866	45,477	45,574						336,124
TITAN	70,262	64,118	22,882	6,670	72,683	73,815	72,121						382,551
ATLAS	150,526	132,322	148,278	140,856	83,842	141,819	145,532						943,175
M5000	57,842	143,269	161,713	158,306	161,832	155,394	160,457						998,813
TOTAL	426,178	475,574	478,233	430,412	454,429	496,634	499,061	0	0	0	0	0	3,260,521
EXPORT (MT)													
PLANT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
TTMC I	28,229	0	17,149	0	0	0	15,359						60,737
CMC	121,598	167,576	138,133	91,401	143,815	185,216	83,947						931,686
TTMC II	31,272	71,543	75,161	64,120	67,633	44,771	97,751						452,251
MIV	0	0	0	0	0	0	0						0
TITAN	67,185	56,470	26,377	31,914	73,444	37,148	74,980						367,518
ATLAS	166,511	107,625	158,011	156,509	93,644	132,094	122,616						937,010
M5000	103,595	72,247	72,874	48,096	73,507	74,544	65,133						509,996
TOTAL	518,390	475,461	487,705	392,040	452,043	473,773	459,786	0	0	0	0	0	3,259,198

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

TABLE 5E (I) - PRODUCTION OF LNG FROM ALNG IN 2019 (M ³)													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	522,746	499,940	545,035	493,338	548,083	419,888	446,786						3,475,816
Train 2	684,242	613,730	642,745	585,591	619,344	440,981	593,609						4,180,242
Train 3	387,963	495,497	590,207	349,012	441,347	546,836	660,147						3,471,009
Train 4	899,505	864,235	932,329	615,324	912,312	758,700	871,136						5,853,541
TOTAL	2,494,456	2,473,402	2,710,316	2,043,265	2,521,086	2,166,405	2,571,678	0	0	0	0	0	16,980,608

TABLE 5E (II) - PRODUCTION OF LNG FROM ALNG IN 2019 (MMBTU)**													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	11,769,051	11,265,898	12,260,235	11,119,789	2,425,651	9,447,186	10,068,680						68,356,490
Train 2	15,300,199	13,746,938	14,356,159	13,114,955	13,861,910	9,846,400	13,272,622						93,499,183
Train 3	8,685,677	11,110,777	13,226,539	7,751,103	9,867,548	12,276,906	14,794,422						77,712,972
Train 4	20,084,238	19,294,997	20,876,152	13,793,841	20,410,153	16,960,966	19,458,216						130,878,563
TOTAL	55,839,165	55,418,610	60,719,085	45,779,688	46,565,261	48,531,458	57,593,940	0	0	0	0	0	370,447,208

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

TABLE 5F (I) - LNG SALES & DELIVERIES FROM ALNG IN 2019 (MMBTU)													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	12,419,475	16,215,408	17,218,021	14,181,648	13,689,103	6,804,658	12,551,600						93,079,913
Train 2	13,083,524	9,150,611	11,181,215	7,633,735	16,858,558	13,794,357	10,108,968						81,810,968
Train 3	13,912,324	3,961,665	14,865,841	9,954,236	13,356,924	12,223,209	10,653,083						78,927,282
Train 4	16,737,444	23,317,736	12,233,791	16,580,184	10,720,406	19,233,904	17,792,091						116,615,556
TOTAL	56,152,767	52,645,420	55,498,868	48,349,803	54,624,991	52,056,128	51,105,742	0	0	0	0	0	370,433,719

TABLE 5F (II) - LNG SALES & DELIVERIES FROM ALNG IN 2019 (M ³)***													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	551,636	719,581	765,436	629,180	607,853	302,439	556,963						4,133,088
Train 2	585,110	408,528	500,598	340,851	753,233	617,784	452,117						3,658,220
Train 3	621,422	176,675	663,357	448,213	597,417	544,753	475,355						3,527,192
Train 4	749,613	1,044,416	546,361	739,619	479,191	860,373	796,544						5,216,117
TOTAL	2,507,781	2,349,200	2,475,753	2,157,863	2,437,694	2,325,348	2,280,979	0	0	0	0	0	16,534,618

*** 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 2019 (BBLS)													
NGL SALES AND DELIVERIES (BBLS)													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	84,391	84,714	99,701	92,934	93,798	74,908	66,068						596,514
Train 2	40,382	36,834	39,864	41,042	39,995	27,472	35,890						261,479
Train 3	62,245	85,692	96,235	64,144	74,848	98,420	116,934						598,518
Train 4	171,276	169,341	184,367	132,165	177,392	154,861	170,381						1,159,783
TOTAL	358,294	376,581	420,167	330,285	386,033	355,661	389,273	0	0	0	0	0	2,616,294

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