



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

CONSOLIDATED MONTHLY BULLETINS

JANUARY-MAY 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	<i>1,278</i>	7	9	610	232	529	69	58	4,339	9,581	18,942	<i>40,215</i>	<i>59,157</i>
Jun-19																						
Jul-19																						
Aug-19																						
Sep-19																						
Oct-19																						
Nov-19																						
Dec-19																						
AVG 2019	226	7,422	14,586	9,956	6,871	846	494	1,223	216	<i>1,279</i>	7	15	352	228	571	60	70	4,645	10,097	19,106	<i>40,057</i>	<i>59,163</i>

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	7,114	190	529	610	<i>1,278</i>	46	<i>9,767</i>
Jun-19							
Jul-19							
Aug-19							
Sep-19							
Oct-19							
Nov-19							
Dec-19							
AVG 2019	7,188	226	571	352	<i>1,279</i>	98	<i>9,714</i>

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	LOL	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					
Jul-19					
Aug-19					
Sep-19					
Oct-19					
Nov-19					
Dec-19					

TABLE 2B - RIG DAYS IN 2019						
	BPTT	HPCL (LO)	LOL	SHELL	BHP	TOTAL
Jan-19	31	30	0	31	0	92
Feb-19	28	8	0	28	1	65
Mar-19	56	17	0	28	31	132
Apr-19	60	31	0	0	30	121
May-19	62	0	27	0	31	120
Jun-19						
Jul-19						
Aug-19						
Sep-19						
Oct-19						
Nov-19						
Dec-19						
TOTAL	237	86	27	87	93	530

TABLE 2C - DEPTH DRILLED IN 2019 (FT)

	HPCL (LO)	LOL	BPTT	BHP	SHELL	TOTAL
Jan-19	2	0	9,477	0	11,799	21,278
Feb-19	0	0	0	9,220	701	9,921
Mar-19	6,206	0	15,172	19,714	471	41,563
Apr-19	9,949	0	15,984	3,558	0	29,491
May-19	0	4,849	0	6,598	0	11,447
Jun-19						
Jul-19						
Aug-19						
Sep-19						
Oct-19						
Nov-19						
Dec-19						
TOTAL	16,157	4,849	40,633	39,090	12,971	113,700

TABLE 2D - WELLS STARTED IN 2019

COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDED	DATE COMPLETED	TD (ft)	ATD (ft)
BPTT	ANGELIN	ANG1-ANG1-02	REXL II	DEV	5-Jan-19	4-Mar-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	-	11,200	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	-	2,750	2,750
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1803	WSL RIG # 4	DEV	21-Mar-19	-	2,800	2,800
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1804	WSL RIG # 4	DEV	30-Mar-19	-	2,850	2,850
HPCL (LO) (LOL)	FOREST RESERVE	FOR-LAND-1805	WSL RIG #4	DEV	6-Apr-19	-	2,505	2,500
HPCL (LO) (LOL)	PALO SECO	PAS-LAND-1514	PCSL RIG #8	DEV	7-Apr-19	-	5,250	5,150
BPTT	ANGELIN	ANGI-ANGI-04	REXL II	DEV	13-Apr-19	-	9,889	10,578
LOL	RIO CLARO BLOCK	BARAKAT	WSL RIG #80	EXP(A.2b)	5-May-19	-	4,849	9,376

TABLE 2E - WELL COMPLETIONS IN 2019									
	WELL COMPLETIONS - OIL		WELL COMPLETIONS - GAS			WELL COMPLETIONS - OTHER*			TOTAL COMPLETIONS
	HPCL (LO)	TOTAL OIL	BPTT	SHELL	TOTAL GAS	BPTT	BHP	TOTAL OTHER	
Jan-19	1	1	1	2	3	0	0	0	4
Feb-19	1	1	0	0	0	0	0	0	1
Mar-19	2	2	1	1	2	0	0	0	4
Apr-19	1	1	1	0	1	0	1	1	3
May-19	0	0	0	0	0	0	1	1	1
Jun-19									
Jul-19									
Aug-19									
Sep-19									
Oct-19									
Nov-19									
Dec-19									
TOTAL	5	5	3	3	6	0	2	2	13

*NOTE: Includes Abandonments.

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

	PERENCO	HPCL (LO)	BPTT	TOTAL WORKOVERS COMPLETED	TOTAL WINCH HOURS
Jan-19	3	0	0	3	820
Feb-19	2	2	0	4	622
Mar-19	0	6	2	8	1,469
Apr-19	0	1	1	2	477
May-19	1	3	0	4	822
Jun-19					
Jul-19					
Aug-19					
Sep-19					
Oct-19					
Nov-19					
Dec-19					
TOTAL	6	12	3	21	4,210

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								1,944
HPCL (Offshore)	<i>16</i>	<i>16</i>	<i>16</i>	<i>16</i>	<i>16</i>								<i>16</i>
HPCL (Land)	1	1	2	<i>2</i>	<i>2</i>								<i>2</i>
EOG	448	494	488	489	<i>486</i>								<i>481</i>
SHELL	699	759	625	649	717								690
BHP	449	450	454	426	446								445
PERENCO	<i>30</i>	<i>30</i>	<i>30</i>	<i>30</i>	<i>30</i>								<i>30</i>
DENOVO	69	82	80	81	83								79
TOTAL	<i>3,640</i>	<i>3,956</i>	<i>3,844</i>	<i>3,298</i>	<i>3,697</i>								<i>3,687</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								253
Ammonia Manufacture	607	606	593	567	582								591
Methanol Manufacture	494	587	531	502	513								525
Refinery	0	0	0	0	0								0
Iron & Steel Manufacture	54	46	49	51	50								50
Cement Manufacture	8	11	12	15	12								12
Ammonia Derivatives	22	21	22	23	23								22
Gas Processing	22	24	24	24	24								24
Small Consumers	8	7	6	8	8								7
LNG	2,018	2,204	2,179	1,724	2,025								2,030
TOTAL	3,459	3,769	3,656	3,162	3,522								3,514

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								224,851,180
Unleaded Gasoline 92	36,523,289	75,183,680	38,143,207	74,891,144	40,580,955								265,322,275
Jet Fuel/Kerosene	72,532,095	38,111,251	34,404,151	37,759,095	38,200,442								
Gas Oil/Diesel	38,198,853	85,970,789	76,301,359	38,061,329	75,988,791								314,521,120
Fuel Oil	-	25,506,125	-	7,935,200	16,276,135								49,717,461
TOTAL	185,351,178	262,836,831	221,067,449	196,803,648	209,359,964	-	-	-	-	-	-	-	854,412,037

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								36,096,074
Unleaded Gasoline 92	47,536,208	50,737,677	49,569,839	47,180,591	49,686,492								244,710,807
Jet Fuel	13,001,687	12,864,217	13,811,790	12,319,097	13,100,916								
Kerosene	1,145,291	1,366,429	1,474,259	1,429,323	1,718,724								7,134,026
Gas Oil/Diesel	37,690,013	39,663,379	42,343,990	40,514,905	42,344,079								202,556,366
Fuel Oil	-	-	-	-	-								-
TOTAL	104,859,741	110,983,308	114,860,648	109,224,231	115,667,053	-	-	-	-	-	-	-	490,497,273

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								163,646,908
Unleaded Gasoline 92	4,071,021	1,576,356	1,594,799	3,218,692	2,479,879								12,940,747
Jet Fuel/Kerosene	28,790,161	50,863,280	9,255,033	6,461,232	19,530,599								
Gas Oil/Diesel	21,224,447	17,862,666	16,602,218	20,499,466	26,421,413								102,610,210
Fuel Oil	1,613,082	333,396	1,256,633	248,815	5,940,390								9,392,316
TOTAL	92,867,804	97,470,796	64,743,245	52,997,522	95,411,119	-	-	-	-	-	-	-	288,590,180

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								1,176,862
Butane	200,214	212,383	224,190	183,833	201,272								1,021,892
Natural Gasoline	287,189	304,261	321,334	264,829	300,794								1,478,407
TOTAL	720,142	758,567	800,579	663,538	734,335	0	0	0	0	0	0	0	3,677,161
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								1,031,965
Butane	158,299	188,341	230,304	219,518	168,300								964,762
Natural Gasoline	623,167	0	624,914	0	316,085								1,564,166
TOTAL	1,033,905	284,604	1,081,294	476,409	684,681	0	0	0	0	0	0	0	3,560,893

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								114,158
TRINGEN I	40,496	36,116	36,697	12,531	44,423								170,263
TRINGEN II	49,074	40,914	47,605	45,377	45,904								228,874
NUTRIEN (1,2,3,4)	179,400	160,117	167,995	170,383	172,804								850,699
PLNL	60,888	54,268	61,558	50,544	54,764								282,022
CNC	55,180	46,837	52,879	54,030	56,133								265,059
N2000	57,737	48,102	57,088	54,116	43,548								260,591
AUM-NH3	1,729	3,170	1,805	15,143	1,290								23,137
TOTAL	465,239	407,276	452,097	427,326	442,865	0	0	0	0	0	0	0	2,194,803
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								120,925
TRINGEN I	37,266	35,683	16,006	20,701	48,804								158,460
TRINGEN II	41,741	50,653	45,725	49,241	31,745								219,105
NUTRIEN (1,2,3,4)	124,488	147,608	141,970	135,079	101,454								650,599
PLNL	60,734	87,072	48,695	75,634	53,840								325,975
CNC	46,643	61,718	60,149	25,508	60,110								254,128
N2000	53,668	66,257	66,011	30,200	59,900								276,036
AUM-NH3	0	0	0	0	0								0
TOTAL	407,446	448,991	413,065	360,364	375,362	0	0	0	0	0	0	0	2,005,228

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								298,484
UAN	134,882	117,632	135,058	127,345	130,729								645,646
Melamine	2,686	2,244	2,321	2,659	2,748								12,658
TOTAL	198,534	172,190	200,919	188,878	196,267	0	0	0	0	0	0	0	956,788
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								271,358
UAN	139,552	116,285	139,090	103,522	168,835								667,284
Melamine	3,071	1,980	2,320	2,722	2,740								12,833
TOTAL	168,137	171,817	207,647	163,652	240,222	0	0	0	0	0	0	0	951,475

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
CMC	44,172	41,623	41,418	45,000	34,865								207,078
TTMC II	49,706	45,444	51,317	43,466	47,341								237,274
MIV	53,670	48,798	52,625	36,114	53,866								245,073
TITAN	70,262	64,118	22,882	6,670	72,683								236,615
ATLAS	150,526	132,322	148,278	140,856	83,842								655,824
M5000	57,842	143,269	161,713	158,306	161,832								682,962
TOTAL	426,178	475,574	478,233	430,412	454,429	0	0	0	0	0	0	0	2,264,826
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								45,378
CMC	121,598	167,576	138,133	91,401	143,815								662,523
TTMC II	31,272	71,543	75,161	64,120	67,633								309,729
MIV	0	0	0	0	0								0
TITAN	67,185	56,470	26,377	31,914	73,444								255,390
ATLAS	166,511	107,625	158,011	156,509	93,644								682,300
M5000	103,595	72,247	72,874	48,096	73,507								370,319
TOTAL	518,390	475,461	487,705	392,040	452,043	0	0	0	0	0	0	0	2,325,639

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

TABLE 5E (I) - PRODUCTION OF LNG FROM ALNG IN 2019 (M³)

	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								2,609,142
Train 2	684,242	613,730	642,745	585,591	619,344								3,145,652
Train 3	387,963	495,497	590,207	349,012	441,347								2,264,026
Train 4	899,505	864,235	932,329	615,324	912,312								4,223,705
TOTAL	2,494,456	2,473,402	2,710,316	2,043,265	2,521,086	0	0	0	0	0	0	0	12,242,525

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								48,840,624
Train 2	15,300,199	13,746,938	14,356,159	13,114,955	13,861,910								70,380,161
Train 3	8,685,677	11,110,777	13,226,539	7,751,103	9,867,548								50,641,644
Train 4	20,084,238	19,294,997	20,876,152	13,793,841	20,410,153								94,459,381
TOTAL	55,839,165	55,418,610	60,719,085	45,779,688	46,565,261	0	0	0	0	0	0	0	264,321,810

** 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	15,337,514	13,297,369	20,078,279	14,181,648	13,689,103								76,583,913
Train 2	13,083,524	9,150,611	13,941,856	9,513,884	17,219,424								62,909,299
Train 3	13,935,174	6,998,787	12,286,622	10,645,700	12,307,941								56,174,224
Train 4	16,754,924	23,317,736	12,235,295	16,580,184	10,720,406								79,608,545
TOTAL	59,111,136	52,764,503	58,542,052	50,921,416	53,936,874	0	0	0	0	0	0	0	275,275,981

TABLE 5F (II) - LNG SALES & DELIVERIES FROM ALNG IN 2019 (M³)***

	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	681,246	590,089	892,590	629,180	3,093,093								5,886,198
Train 2	585,110	408,528	624,196	424,801	769,356								2,811,991
Train 3	622,442	312,118	548,265	479,348	550,499								2,512,672
Train 4	750,396	1,044,416	546,428	739,619	479,191								3,560,050
TOTAL	2,639,194	2,355,151	2,611,479	2,272,948	4,892,139	0	0	0	0	0	0	0	14,770,911

*** 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								455,538
Train 2	40,382	36,834	39,864	41,042	39,995								198,117
Train 3	62,245	85,692	96,235	64,144	74,848								383,164
Train 4	171,276	169,341	184,367	132,165	177,392								834,541
TOTAL	358,294	376,581	420,167	330,285	386,033	0	0	0	0	0	0	0	1,871,360

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.