



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

CONSOLIDATED MONTHLY BULLETINS



JUNE 2017

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Image on Cover Page : CNG Bus & CNG Refuelling Station [Source : NGC]

LIST OF ABBREVIATIONS USED

Company and Facility Names

ALNG	- Atlantic LNG Company of Trinidad and Tobago Ltd	PCS 01,02,03,04	- PCS Nitrogen Ammonia Plants 1, 2, 3, 4
ATLAS	- Atlas Methanol Plant	PCS (Urea)	- PCS Nitrogen Urea Plant
AUM-NH3	- Ammonia Plant from AUM Complex	PLNL	- Point Lisas Nitrogen Ltd (formerly Farmland MissChem Ltd)
AVDWL	- A&V Drilling and Workover Limited	PPGPL	- Phoenix Park Gas Processors Ltd
AVOGL	- A&V Oil & Gas Ltd	PRIM	- Primera Oil and Gas Ltd (formerly PCOL)
BHP	- BHP Billiton (Trinidad) Limited	PTRIN	- Petroleum Company of Trinidad and Tobago Ltd
BOLT	- Beach Oilfield Trinidad Limited	RALCOFF	- Ralf Coffman
BPTT	- BP Trinidad and Tobago LLC	REXLII	- Rowan EXL II Rig
CMC (M2)	- Caribbean Methanol Company Ltd (& Plant)	RPTTL	- Rocky Point T&T Ltd
CNC	- Caribbean Nitrogen Company Ltd (& Plant)	RRDSL	- Range Resources Drilling Services Ltd
DOV	- Diamond Ocean Victory Rig	TEPGL	- Trinity Exploration & Production (Galeota)Ltd (formerly Bayfield Energy Galeota Ltd)
EOG	- EOG Resources Trinidad Ltd	TEPL	- Trinity Exploration & Production Ltd (formerly Ten Degrees North Energy Ltd)
FETL	- Fram Exploration Trinidad Limited	TETL	- Touchstone Exploration (Trinidad) Ltd
JOEDOUG	- Joe Douglas Rig	TITAN	- Titan Methanol Plant
LOL	- Lease Operators Ltd	TMAR	- Trinmar Strategic Business Unit, Petrotrin
MIV (M4)	- Methanol IV Company Ltd Plant	TRINGEN I & II	- Trinidad Nitrogen Company Ltd Plants I & II
M5000 (M5)	- M5000 Methanol Plant	TTMC I (M1)	- Trinidad and Tobago Methanol Company Ltd Plant I
MEPR	- Massy Energy Production Resources	TTMC II (M3)	- Trinidad and Tobago Methanol Company Ltd Plant II
N2000	- Nitrogen 2000 Unlimited	TWSC	- Tallon Well Services Company
NGC	- The National Gas Company of Trinidad & Tobago Ltd	WSL	- Well Services Petroleum Company Limited
NHETT	- New Horizon Energy Trinidad and Tobago Ltd	YARA	- Yara Trinidad Ltd
PERENCO	- PERENCO Trinidad & Tobago (formerly REPSOL)		

LIST OF ABBREVIATIONS USED

Units		Products	
BBLs	- Barrels	LNG	- Liquefied Natural Gas
BCPD	- Barrels of condensate per day	LPG	- Liquefied Petroleum Gas
BOPD	- Barrels of oil per day	NGLs	- Natural Gas Liquids
BPCD	- Barrels per calendar day	UAN	- Urea Ammonium Nitrate
FT (or ft)	- Feet		
M ³	- Cubic Metres		
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	wo	- workover
CB	- Central Block		
DEV	- Development		
ECMA	- East Coast Marine Area		
EXPL	- Exploration		
FO	- Farmouts		
IPSC	- Incremental Production Service Contracts		
KOP	- Kick-off Point		
LO	- Lease Operators		
NCMA	- North Coast Marine Area		
PAP	- Pointe-a-Pierre		
ST	- Sidetrack		
TD	- Total Depth		
wef	- with effect from		

TABLE 1A - CRUDE OIL & CONDENSATE PRODUCTION IN 2017 (BOPD)																				
	SHELL ECMA	BPTT	TMAR	PTRIN	PTRIN (LO)	PTRIN (IPSC)	PTRIN (FO)	TEPGL	PRIM	EOG	BOLT	TEPL	SHELL CB	MEPR	NHETT	BHP	PERENCO	SUBTOTAL		TOTAL
																		LAND	MARINE	
Jan-17	414	15,586	18,693	11,865	5,899	2,589	754	955	300	1,413	0	242	241	101	69	5,076	11,203	21,820	53,583	75,403
Feb-17	414	13,133	19,831	11,846	6,042	3,036	721	1,001	296	1,254	4	280	454	98	67	5,729	11,740	22,562	53,382	75,944
Mar-17	357	10,373	19,188	11,935	5,963	3,024	703	945	313	1,203	0	244	342	88	61	4,829	12,115	22,429	49,254	71,683
Apr-17	414	10,261	20,123	11,925	5,511	5,017	599	859	320	1,211	0	272	442	68	63	3,842	12,254	23,945	49,237	73,181
May-17	413	9,546	20,742	11,797	6,200	4,400	679	964	307	1,164	0	194	193	89	55	1,656	12,856	23,720	47,535	71,255
Jun-17	369	12,658	18,990	11,383	5,879	5,664	681	729	306	982	3	269	484	64	44	1,958	10,987	24,508	46,942	71,450
Jul-17																				
Aug-17																				
Sep-17																				
Oct-17																				
Nov-17																				
Dec-17																				
AVG 2017	397	11,911	19,591	11,792	5,916	3,955	689	909	307	1,205	1	249	356	85	60	3,828	11,864	23,162	49,954	73,116

NOTE: Figures in *RED/Italics* are still preliminary at this time.

TABLE 1B - CONDENSATE PRODUCTION (ONLY) IN 2017 (BOPD)						
	BPTT	SHELL ECMA	SHELL CB	EOG	NGC	TOTAL
Jan-17	14,535	414	241	1,413	92	16,694
Feb-17	13,013	414	454	1,254	50	15,185
Mar-17	9,607	357	342	1,203	79	11,589
Apr-17	9,548	414	442	1,211	100	11,716
May-17	9,027	413	193	1,164	136	10,933
Jun-17	11,875	369	484	982	228	13,937
Jul-17						
Aug-17						
Sep-17						
Oct-17						
Nov-17						
Dec-17						
AVG 2017	11,245	397	356	1,205	115	13,317

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

NOTE: Figures in RED/*Italics* are still preliminary at this time.

TABLE 2A - DRILLING RIGS IN USE IN 2017					
	MARINE		LAND		
	BPTT	EOG	PTRIN	PTRIN (IPSC)	PTRIN (LO)
Jan-17	DOV, JOEDOUG, REXLII	RALCOFF	PTRIN RIG #1	AVDWL RIG #6	WSL RIG # 4
Feb-17	DOV, JOEDOUG, REXLII	RALCOFF	PTRIN RIG #1	AVDWL RIG #6, TWSC #38	WSL RIG # 4
Mar-17	DOV, JOEDOUG, REXLII	RALCOFF	PTRIN RIG #1	AVDWL RIG #6, TWSC #38, RRDSL #18	WSL RIG # 4
Apr-17	DOV, JOEDOUG, REXLII	RALCOFF	PTRIN RIG #1	AVDWL RIG #6, RRDSL #18	WSL RIG # 4
May-17	DOV, JOEDOUG, REXLII	RALCOFF	PTRIN RIG #1	AVDWL RIG #6	WSL RIG # 4
Jun-17	DOV, JOEDOUG, REXLII	RALCOFF	PTRIN RIG #1	AVDWL RIG #6	WSL RIG # 4
Jul-17					
Aug-17					
Sep-17					
Oct-17					
Nov-17					
Dec-17					

TABLE 2B - RIG DAYS IN 2017						
	BPTT	EOG	PTRIN	PTRIN (IPSC)	PTRIN (LO)	TOTAL
Jan-17	62	30	31	23	15	161
Feb-17	76	28	28	39	27	198
Mar-17	79	31	31	34	28	203
Apr-17	82	15	30	34	5	166
May-17	83	16	31	14	27	171
Jun-17	42	30	30	28	27	157
Jul-17						
Aug-17						
Sep-17						
Oct-17						
Nov-17						
Dec-17						
TOTAL	424	150	181	172	129	1,056

TABLE 2C - DEPTH DRILLED IN 2017 (FT)						
	BPTT	PTRIN	PTRIN (IPSC)	PTRIN (LO)	EOG	TOTAL
Jan-17	19,860	3,203	7,493	6,308	19,445	56,309
Feb-17	19,958	4,838	6,353	14,200	0	45,349
Mar-17	8,122	4,335	3,853	6,027	0	22,337
Apr-17	14,703	1,820	9,741	3,106	0	29,370
May-17	6,624	3,724	4,733	12,777	13,276	41,134
Jun-17	6,486	5,103	8,424	8,799	1,104	29,916
Jul-17						
Aug-17						
Sep-17						
Oct-17						
Nov-17						
Dec-17						
TOTAL	75,753	23,023	40,597	51,217	33,825	224,415

TABLE 2D - WELLS STARTED IN 2017

COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDDER	DATE COMPLETED	TD (ft)	ATD (ft)
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-157	AVDWL RIG 6	DEV	14-Jan-17	-	3,000	3,000
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-158	AVDWL RIG 6	DEV	26-Jan-17	-	1,975	2,250
PTRIN	PT FORTIN EAST	PFE-LAND-224ST	PTRIN RIG #1	DEV	17-Jan-17	3-Mar-17	4,156	4,156
PTRIN	FOREST RESERVE	FOR-LAND-1777	PTRIN RIG #1	DEV	4-Jan-17	-	1,451	1,451
PTRIN (LO) (LOL)	FOREST RESERVE	FOR-LAND-1778	WSL RIG #4	DEV	10-Jan-17	-	5,708	5,708
PTRIN (LO) (LOL)	FOREST RESERVE	FOR LAND 1779	WSL RIG #4	DEV	31-Jan-17	-	4,750	4,750
BPTT	PARANG	PAR-AMA-02	JOEDOUG	DEV	8-Jan-17	4-Feb-17	7,731	7,681
PTRIN	POINT FORTIN EAST	PFE-LAND-225	PTRIN RIG #1	DEV	19-Feb-17	17-Mar-17	3,860	4,127
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-159	AVDWL RIG 6	DEV	5-Feb-17	-	2,263	2,250
PTRIN (IPSC) (FETL)	ANTILLES TRINITY	ANT-LAND-88	TWSC #38	DEV	10-Feb-17	-	1,900	2,500
PTRIN (LO) (LOL)	FOREST RESERVE	FOR-LAND-1781	WSL #4	DEV	22-Feb-17	-	5,170	5,164
PTRIN (LO) (LOL)	FOREST RESERVE	FOR-LAND-1780	WSL #4	DEV	11-Feb-17	-	5,406	5,402
BPTT	PARANG	PAR-KAP-01	REXLI	DEV	8-Feb-17	22-Apr-17	13,811	13,276
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-160	AVDWL RIG 6	DEV	22-Feb-17	27-Feb-17	2,274	2,250
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-160X	AVDWL RIG 6	DEV	3-Mar-17	-	2,032	1,950
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-161	AVDWL RIG 6	DEV	29-Mar-17	-	2,400	3,000
PTRIN (IPSC) (GEPL)	GOUDRON	GOU-LAND-682	RRDSL #18	DEV	4-Mar-17	-	1,145	1,130
PTRIN (IPSC) (GEPL)	GOUDRON	GOU-LAND-683	RRDSL #18	DEV	31-Mar-17	-	1,250	1,250
PTRIN (LO) (RPTTL)	PALO SECO	PAS-LAND-1509ST	WSL #4	DEV	6-Mar-17	-	5,501	6,260
PTRIN	PT FORTIN CENTRAL	PFC-LAND-462	PTRIN RIG #1	DEV	22-Mar-17	-	3,508	3,508
BPTT	EAST MAYARO	MACADAMIA-1	JOEDOUG	EXPL A2c	25-Mar-17	21-May-17	12,585	12,609
BPTT	KAPOK	KAP-KAA-14	REXLI	DEV	15-Apr-17	14-Jun-17	7,408	7,302
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT LAND 162	AVDWL RIG 6	DEV	7-Apr-17	-	2,200	2,650
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT LAND 163	AVDWL RIG 6	DEV	15-Apr-17	-	2,212	2,400
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT LAND 164	AVDWL RIG 6	DEV	23-Apr-17	-	2,246	2,650
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT LAND 165	AVDWL RIG 6	DEV	30-Apr-17	-	2,389	2,400
PTRIN (LO) (LOL)	FOREST RESERVE	FOR LAND 1782	WSL #4	DEV	26-Apr-17	-	5,615	5,607
PTRIN	MCKENZIE	MCK-LAND-94	PTRIN RIG #1	DEV	25-Apr-17	-	4,022	4,051
EOG	CASSIA	CAS-BAA-02	RALCOFF	DEV	16-May-17	-	14,380	14,419
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-166	AVDWL RIG 6	DEV	23-May-17	-	2,404	2,400
PTRIN	FOREST RESERVE	FOR-LAND-1783	PTRIN RIG #1	DEV	27-May-17	-	2,441	2,441

TABLE 2D - WELLS STARTED IN 2017

COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDDER	DATE COMPLETED	TD (ft)	ATD (ft)
PTRIN (LO) TETL	CCORA	COO1-LAND-368	WSL #4	DEV	12-May-17	-	5,360	5,300
PTRIN (LO) TETL	CCORA	COO1-LAND-369	WSL #4	DEV	25-May-17	-	5,627	5,425
BPTT	KAPOK	KAP-KAA-15	REXLII	DEV	16-Jun-17	-	3,341	6,963
BPTT	SERRETTE	SER-SER-05	JOEDOUG	DEV	24-Jun-17	-	3,145	11,814
PTRIN	FOREST RESERVE	FOR-LAND-1784	PTRIN RIG #1	DEV	10-Jun-17	-	1,835	1,835
PTRIN	FOREST RESERVE	FOR-LAND-1785	PTRIN RIG #1	DEV	23-Jun-17	-	1,750	1,750
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-167	AVDWL RIG 6	DEV	3-Jun-17	-	2,746	3,000
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-168	AVDWL RIG 6	DEV	11-Jun-17	23-Jun-17	3,243	3,000
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-168X	AVDWL RIG 6	DEV	25-Jun-17	-	2,500	3,000
PTRIN (TETL) (LO)	PALO SECO	PAS-LAND-598	WSL #4	DEV	8-Jun-17	-	7,340	7,454
PTRIN (TETL) (LO)	PALO SECO	PAS-LAND-599	WSL #4	DEV	30-Jun-17	-	740	6,732

TABLE 2E - WELL COMPLETIONS IN 2017

	WELL COMPLETIONS - OIL						WELL COMPLETIONS - GAS				WELL COMPLETIONS - OTHER						TOTAL COMPLETIONS
	PTRIN (LO)	PTRIN (FO)	PTRIN (IPSC)	TMAR	PTRIN	TOTAL OIL	BPTT	BHP	EOG	TOTAL GAS	PTRIN	PTRIN (IPSC)	PTRIN (FO)	BPTT	TMAR	TOTAL OTHER	
Jan-17	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	2
Feb-17	0	0	0	0	1	1	1	0	1	2	0	1	0	0	0	1	4
Mar-17	0	0	0	0	1	1	1	0	1	2	1	0	0	0	0	1	4
Apr-17	0	0	0	0	0	0	1	0	2	3	0	0	0	0	0	0	3
May-17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Jun-17	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	2	3
Jul-17																	
Aug-17																	
Sep-17																	
Oct-17																	
Nov-17																	
Dec-17																	
TOTAL	0	0	0	0	3	3	5	0	4	9	1	2	0	2	0	5	17

NOTE: * Includes Abandonments

TABLE 2F - MEEI APPROVED WORKOVERS COMPLETED AND WINCH HOURS IN 2017									
	TMAR	PTRIN	PRIM	PTRIN (IPSC)	PTRIN (FO)	PTRIN (LO)	BPTT	TOTAL WORKOVERS COMPLETED	TOTAL WINCH HOURS
Jan-17	2	2	0	0	0	2	0	6	1,560
Feb-17	2	6	1	1	0	4	1	15	1,130
Mar-17	2	3	0	0	0	1	1	7	1,346
Apr-17	1	2	0	0	0	3	0	6	648
May-17	0	3	0	1	1	4	0	9	1,336
Jun-17	1	3	0	0	1	4	0	9	814
Jul-17									
Aug-17									
Sep-17									
Oct-17									
Nov-17									
Dec-17									
TOTAL	8	19	1	2	2	18	2	52	6,833

TABLE 3A - NATURAL GAS PRODUCTION BY COMPANY IN 2017 (MMSCF/D)

COMPANY	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	AVG 2017
BPTT	1,875	1,803	1,615	1,707	1,655	1,913							1,761
TMAR	5	12	18	16	16	16							14
PTRIN	2	2	2	2	2	2							2
EOG	522	518	504	528	539	498							518
SHELL	549	619	602	601	446	467							547
BHP	338	372	397	396	324	327							359
PERENCO	56	69	63	54	53	60							59
TOTAL	3,348	3,396	3,202	3,304	3,034	3,282	0	0	0	0	0	0	3,261

TABLE 3B - NATURAL GAS UTILIZATION BY SECTOR IN 2017 (MMSCF/D)

SECTOR	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	AVG 2017
Power Generation	233	233	250	270	268	256							252
Ammonia Manufacture	525	582	558	572	568	566							562
Methanol Manufacture	463	407	409	478	459	457							445
Refinery	49	68	72	68	47	60							61
Iron & Steel Manufacture	51	51	49	30	42	46							45
Cement Manufacture	10	11	11	14	13	11							12
Ammonia Derivatives	18	20	18	12	20	20							18
Gas Processing	24	27	24	27	22	23							24
Small Consumers	8	8	8	8	9	9							8
LNG	1784	1736	1566	1716	1421	1624							1,641
TOTAL	3,166	3,143	2,966	3,194	2,869	3,072	0	0	0	0	0	0	3,068

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

NOTE : Ammonia Derivatives are Urea, UAN and Melamine

TABLE 4A - CRUDE OIL IMPORTS IN 2017 (BBLs)														
CRUDE TYPE	COUNTRY	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Antan/Remboue Blend	Nigeria	-	-	-	-	-	-							-
Bijupira Crude	Brazil	-	-	-	-	-	-							-
Cabinda	Angola	-	-	-	-	-	-							-
Cano Limon	Colombia	-	-	-	-	-	-							-
Congo/Remboue Composite	Congo	-	-	-	628,049	-	-							628,049
Lucina Blend	Gabon	112,625	223,368	195,755	-	-	207,276							739,024
Lula	Brazil	483,729	479,171	978,048	-	-	-							1,940,948
Mandji Crude	Gabon	601,290	502,229	-	-	-	-							1,103,519
Marlim Crude	Brazil	-	-	-	-	-	-							-
Mesa	Venezuela	-	-	-	-	-	-							-
Ogeundjo Blend	Gabon	-	608,317	546,017	-	-	1,308,080							2,462,414
Ogeundjo	Switzerland	-	-	-	-	-	-							-
Oriente	Panama	-	-	-	-	-	-							-
Oriente	Rep. of Ecuador	-	-	-	-	-	-							-
Roncador	Brazil	-	-	469,208	-	-	488,872							958,080
Saltpond Crude	Russia	-	-	-	-	-	-							-
Saltpond/Ogeundjo Crude	Ghana	-	-	-	-	-	-							-
Urals/Russian Blend	Russia	-	-	-	-	-	-							-
Varandey Blend	Russia	727,986	714,796	755,175	1,532,317	1,535,937	-							5,266,211
Varandey	Norway	-	-	-	-	-	-							-
Vasconia	Colombia	506,562	-	501,056	524,850	999,247	-							2,531,715
Woodbourne	Barbados	28,479	28,083	-	-	29,607	30,067							116,236
TOTAL		2,460,671	2,555,964	3,445,259	2,685,216	2,564,791	2,034,295	-	-	-	-	-	-	15,746,196

TABLE 4B - CRUDE OIL EXPORTS IN 2017 (BBLs)														
CRUDE TYPE		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Galeota Mix		760,996	600,525	830,294	869,096	830,251	804,555							4,695,717
Calypso Crude		362,196	-	361,436	-	-	301,300							1,024,932
TOTAL		1,123,192	600,525	1,191,730	869,096	830,251	1,105,855	-	-	-	-	-	-	5,720,649

TABLE 4C - PETROTRIN PAP REFINERY SALES IN 2017 (BBLs)

LOCAL SALES (BBLs)													
PRODUCT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Liquefied Petroleum Gas	40,225	31,996	61,070	55,476	54,265	57,400							300,432
Motor Gasoline	364,967	358,584	366,508	364,482	392,890	357,570							2,205,001
Naphtha	-	-	-	-	-	-							-
Aviation Gasoline	-	-	-	-	-	-							-
Kerosine/Jet	94,874	81,708	86,592	82,065	90,155	79,691							515,085
Gas Oils /Diesel	315,598	313,022	320,062	267,766	318,136	272,667							1,807,251
Fuel Oils	35,075	9,018	19,880	5,947	-	-							69,920
Bitumen	6,991	5,773	5,847	3,718	7,415	10,502							40,246
Sulphur	-	-	-	-	-	-							-
Other Refined/Unfinished Prod.	-	-	-	-	-	-							-
TOTAL	857,730	800,101	859,959	779,454	862,861	777,830	-	-	-	-	-	-	4,937,935

EXPORT SALES (BBLs)													
PRODUCT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Liquefied Petroleum Gas	-	-	-	-	-	-							-
Motor Gasoline	529,159	345,073	807,515	1,051,027	586,804	671,789							3,991,367
Naphtha	-	-	-	-	-	-							-
Aviation Gasoline	-	-	-	-	-	-							-
Kerosine/Jet	173,907	356,945	297,755	361,523	164,988	182,522							1,537,640
Gas Oils /Diesel	698,498	507,701	563,640	741,752	661,702	376,926							3,550,219
Fuel Oils	664,269	1,369,556	1,257,262	1,356,891	1,729,170	1,169,035							7,546,183
Bitumen	-	-	-	-	-	-							-
Sulphur	-	-	-	-	-	-							-
Other Refined/Unfinished Prod.	349,972	699,562	350,114	-	-	-							1,399,648
TOTAL	2,415,805	3,278,837	3,276,286	3,511,193	3,142,664	2,400,272	-	-	-	-	-	-	18,025,057

TABLE 4D - PETROTRIN PAP REFINERY OUTPUT IN 2017 (BBLS)

PRODUCT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Liquefied Petroleum Gas	(15,880)	15,703	(20,209)	(28,926)	(33,005)	(28,417)							(110,734)
Motor Gasoline	766,475	622,497	1,480,220	1,349,629	926,349	954,054							6,099,224
Aviation Gasoline	(31,433)	(602)	1,973	(12,012)	37,870	(24,886)							(29,090)
Kerosine/Jet	268,290	371,745	418,585	404,313	336,802	247,288							2,047,023
Gas Oils / Diesel	887,727	843,711	1,036,758	978,024	873,009	788,093							5,407,322
Fuel Oils	1,259,315	1,164,707	1,433,034	1,312,655	1,705,101	893,505							7,768,317
Bitumen	1,686	11,529	1,169	6,700	945	19,235							41,264
Sulphur	2,124	1,108	-	-	-	-							3,232
Other Refined/Unfinished Prod.	422,641	768,693	(137,809)	183,146	(157,700)	213,832							1,292,803
Refinery Loss/(Gain)	109,562	121,267	89,686	123,129	104,734	36,924							585,302
Refinery Gas	-	-	-	-	-	52,646							52,646
TOTAL	3,670,507	3,920,358	4,303,407	4,316,658	3,794,105	3,152,274	-	-	-	-	-	-	23,157,309

TABLE 4E - PETROTRIN PAP REFINERY THROUGHPUT IN 2017 (BBLS & BOPD)

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	AVG 2017
Throughput (BBLS)	3,670,507	3,920,358	4,303,407	4,316,658	3,794,105	3,152,274							3,859,552
Throughput (BOPD)	118,403	140,013	138,820	143,889	122,390	105,076							128,098

TABLE 5A - PRODUCTION AND EXPORT OF NGLS FROM PPGPL IN 2017 (BBLS)

PRODUCTION (BBLS)													
PRODUCT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Propane	306,187	270,894	266,237	294,900	300,902	293,630							1,732,750
Butane	231,850	201,048	204,668	220,570	224,188	236,667							1,318,991
Natural Gasoline	298,911	254,223	241,622	256,489	260,531	297,840							1,609,616
TOTAL	836,948	726,165	712,527	771,959	785,621	828,137	0	0	0	0	0	0	4,661,357
EXPORT (BBLS)													
PRODUCT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Propane	311,409	329,007	176,978	176,520	374,641	171,979							1,540,534
Butane	139,336	240,431	249,304	94,949	30,035	85,443							839,498
Natural Gasoline	329,692	305,010	319,222	0	322,472	327,831							1,604,227
TOTAL	780,437	874,448	745,504	271,469	727,148	585,253	0	0	0	0	0	0	3,984,259

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

TABLE 5B - PRODUCTION AND EXPORT OF AMMONIA IN 2017 (MT)

PRODUCTION (MT)													
PLANT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Yara	13,922	13,295	8,085	22,507	19,107	7,660							84,576
Tringen I	39,265	37,866	41,959	36,044	38,386	41,542							235,062
Tringen II	46,682	35,719	42,418	38,111	41,672	45,019							249,621
PCS (01,02,03,04)	160,565	154,507	162,436	163,356	163,410	166,458							970,732
PLNL	55,485	54,148	60,096	56,695	61,031	48,641							336,096
CNC	16,413	24,017	53,794	53,513	53,016	48,228							248,981
N2000	50,592	46,427	43,801	49,919	54,505	54,658							299,902
AUM-NH3	6,507	1,751	18,514	3,607	18,386	12,360							61,125
TOTAL	389,431	367,730	431,103	423,752	449,513	424,566	0	0	0	0	0	0	2,486,095
EXPORT (MT)													
PLANT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Yara	17,600	17,817	4,400	10,600	36,324	4,847							91,588
Tringen I	36,428	40,072	25,269	54,050	34,100	32,293							222,212
Tringen II	17,507	54,455	43,346	39,507	17,706	45,780							218,301
PCS (01,02,03,04)	166,425	99,912	163,965	174,193	99,816	162,544							866,854
PLNL	41,075	85,506	48,752	60,013	54,961	43,684							333,991
CNC	36,791	52,081	65,421	62,689	55,503	38,848							311,333
N2000	22,709	29,824	34,888	26,715	30,380	38,900							183,416
AUM-NH3	0	0	0	0	0	0							0
TOTAL	338,535	379,667	386,041	427,767	328,790	366,896	0	0	0	0	0	0	2,227,695

TABLE 5C - PRODUCTION AND EXPORT OF DOWNSTREAM AMMONIA PRODUCTS IN 2017 (MT)

PRODUCTION (MT)													
PRODUCT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Urea	55,622	49,638	44,282	7,507	47,957	57,108							262,116
UAN	115,516	118,515	99,227	114,005	122,044	108,559							677,866
Melamine	2,268	2,355	1,780	2,414	2,847	2,459							14,123
TOTAL	173,406	170,508	145,289	123,926	172,848	168,126	0	0	0	0	0	0	954,105
EXPORT (MT)													
PRODUCT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Urea	64,401	59,368	51,186	11,397	26,242	61,038							273,632
UAN	88,246	123,547	140,119	130,747	80,559	80,560							643,778
Melamine	2,400	1,980	1,660	2,900	2,420	2,420							13,780
TOTAL	155,047	184,895	192,965	145,044	109,221	144,018	0	0	0	0	0	0	931,190

TABLE 5D - PRODUCTION AND EXPORT OF METHANOL IN 2017 (MT)													
PRODUCTION (MT)													
PLANT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
TTMC I	0	0	0	0	0	0							0
CMC	0	0	0	0	2,552	43,525							46,077
TTMC II	19,679	43,358	40,464	48,251	45,659	47,713							245,124
MIV	37,844	8,068	0	27,874	5,839	0							79,625
Titan	62,494	62,881	32,298	44,435	64,075	54,267							320,450
Atlas	144,339	76,364	156,559	152,116	150,970	149,710							830,058
M5000	149,704	136,142	145,316	139,442	143,202	79,403							793,209
TOTAL	414,060	326,813	374,637	412,118	412,297	374,618	0	0	0	0	0	0	2,314,543
EXPORT (MT)													
PLANT	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
TTMC I	0	0	0	0	29,412	1,496							30,908
CMC	202,255	82,474	115,611	44,162	70,813	103,437							618,752
TTMC II	0	15,963	0	12,339	65,726	53,146							147,174
MIV	0	0	0	0	0	0							0
Titan	75,452	78,745	46,073	32,367	66,285	61,899							360,821
Atlas	198,795	67,133	150,088	147,362	157,595	122,303							843,276
M5000	23,588	54,555	94,545	58,443	65,626	49,680							346,437
TOTAL	500,090	298,870	406,317	294,673	455,457	391,961	0	0	0	0	0	0	2,347,368

TABLE 5E (I) - PRODUCTION OF LNG FROM ALNG IN 2017 (M³)

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Train 1	691,731	622,781	283,999	360,428	436,693	550,596							2,946,228
Train 2	527,151	477,522	534,858	415,042	320,765	414,556							2,689,894
Train 3	341,519	231,517	333,673	450,296	298,921	423,909							2,079,835
Train 4	677,068	644,703	797,091	759,309	598,337	516,802							3,993,310
TOTAL	2,237,469	1,976,523	1,949,621	1,985,075	1,654,716	1,905,863	0	0	0	0	0	0	11,709,267

TABLE 5E (II) - PRODUCTION OF LNG FROM ALNG IN 2017 (MMBTU)*

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Train 1	15,618,733	14,075,536	6,424,313	8,140,230	10,633,082	12,478,322							67,370,216
Train 2	11,764,692	10,647,451	11,941,721	9,273,574	7,795,135	9,262,093							60,684,666
Train 3	7,682,094	5,205,521	7,502,204	10,151,788	6,739,294	9,553,934							46,834,834
Train 4	15,176,818	14,457,658	17,877,157	17,037,148	14,264,952	11,583,497							90,397,230
TOTAL	50,242,337	44,386,166	43,745,395	44,602,740	39,432,462	42,877,846	0	0	0	0	0	0	265,286,946

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

TABLE 5F(I) - LNG SALES & DELIVERIES FROM ALNG IN 2017 (MMBTU)

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Train 1	15,939,571	11,376,364	10,383,474	8,688,727	10,272,395	12,057,971							68,718,502
Train 2	9,951,686	5,932,516	14,178,918	9,079,845	15,331,785	6,842,699							61,317,449
Train 3	7,523,302	5,744,558	3,009,920	10,998,695	1,203,497	13,656,603							42,136,575
Train 4	18,609,806	18,599,422	18,495,508	9,514,961	11,838,045	17,915,258							94,973,000
TOTAL	52,024,365	41,652,860	46,067,820	38,282,228	38,645,722	50,472,531	0	0	0	0	0	0	267,145,526

TABLE 5F(II) - LNG SALES & DELIVERIES FROM ALNG IN 2017 (M³)**

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Train 1	705,940	503,354	459,021	384,714	421,880	532,048							3,006,958
Train 2	445,914	266,064	635,060	406,372	630,894	306,268							2,690,571
Train 3	334,460	255,491	133,871	487,862	53,381	605,945							1,871,010
Train 4	830,220	829,395	824,661	424,061	496,541	799,296							4,204,175
TOTAL	2,316,534	1,854,304	2,052,614	1,703,009	1,602,696	2,243,557	0	0	0	0	0	0	11,772,713

** Notes : 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 2017 (BBLS)

NGL SALES AND DELIVERIES (BBLS)													
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
Train 1	160,699	145,800	63,851	82,434	119,933	140,958							713,675
Train 2	49,939	34,004	52,561	36,478	28,273	51,156							252,411
Train 3	69,244	44,420	66,454	105,301	69,139	107,357							461,915
Train 4	170,519	151,291	173,606	160,391	163,071	134,037							952,915
TOTAL	450,401	375,515	356,472	384,604	380,416	433,508	0	0	0	0	0	0	2,380,916

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.