



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

CONSOLIDATED MONTHLY BULLETINS



MARCH 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
AOL	- Advance Oil Company (Trinidad) Ltd	PCS (Urea)	- PCS Nitrogen Urea Plant
APCCL	- API Pipeline Construction Company Limited	PLNL	- Point Lisas Nitrogen Ltd (formerly Farmland MissChem Ltd)
ATLAS	- Atlas Methanol Plant	PPCL	- Pioneer Petroleum Company Limited
AUM-NH3	- Ammonia Plant from AUM Complex	PPGPL	- Phoenix Park Gas Processors Ltd
AVDWL	- A& V Drilling and Workover Limited	PRIM	- Primera Oil and Gas Ltd (formerly PCOL)
AVOGL	- A& V Oil & Gas Ltd	PTRIN	- Petroleum Company of Trinidad and Tobago Ltd
BAYF	- Bayfield Energy (Galeota) Ltd	RALCOFF	- Ralf Coffman
BG	- BG Trinidad and Tobago Limited	REXLII	- Rowan EXL II Rig
BGCB	- BG Central Block	RPTTL	- Rocky Point T&T Ltd
BHP	- BHP Billiton (Trinidad) Limited	RRDSL	- Range Resources Drilling Services Ltd
BOLT	- Beach Oilfield Trinidad Limited	RRTL	- Range Resources Trinidad Limited (formerly Trincan Oil Ltd)
BPTT	- BP Trinidad and Tobago LLC	SKD	- SapuraKencana Drilling (Pte Ltd)
CMC (M2)	- Caribbean Methanol Company Ltd (& Plant)	SPSCL	- Sadhna Petroleum Services Company Limited
CNC	- Caribbean Nitrogen Company Ltd (& Plant)	TED	- Trinidad Exploration and Development Limited
DEEPINV	- Deepwater Invictus (drill ship)	TEPGL	- Trinity Exploration & Production (Galeota)Ltd (formerly Bayfield Energy Galeota Ltd)
DOV	- Diamond Ocean Victory Rig	TEPL	- Trinity Exploration & Production Ltd (formerly Ten Degrees North Energy Ltd)
EOG	- EOG Resources Trinidad Ltd	TITAN	- Titan Methanol Plant
FETL	- Fram Exploration Trinidad Limited	TNR	- T.N Ramnauth Co Ltd
JOEDOUG	- Joe Douglas Rig	TRINGEN I & II	- Trinidad Nitrogen Company Ltd Plants I & II
LOL	- Lease Operators Ltd	TMAR	- Trinmar Strategic Business Unit, Petrotrin
M IV (M4)	- Methanol IV Company Ltd Plant	TSL	- Territorial Services Ltd
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
MORA	- Mora Oil Ventures Limited	TWSC	- Tallon Well Services Company
N2000	- Nitrogen 2000 Unlimited	WSL	- Well Services Petroleum Company Limited
NGC	- The National Gas Company of Trinidad & Tobago Ltd	YARA	- Yara Trinidad Ltd
NHETT	- New Horizon Energy Trinidad and Tobago Ltd		
OSL 1	- Optimal Services Ltd		
PAREX	- Parex Resources (Trinidad) Ltd		
PERENCO	- PERENCO Trinidad & Tobago (formerly REPSOL)		

LIST OF ABBREVIATIONS USED

Units

BBLS	- Barrels
BCPD	- Barrels of condensate per day
BOPD	- Barrels of oil per day
BPCD	- Barrels per calendar day
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

Products

LNG	- Liquefied Natural Gas
LPG	- Liquefied Petroleum Gas
NGLs	- Natural Gas Liquids
UAN	- Urea Ammonium Nitrate

Other

ATD	- Authorised Total Depth
DEV	- Development
ECMA	- East Coast Marine Area
EXPL	- Exploration
FO	- Farmouts
IPSC	- Incremental Production Service Contracts (Under Petrotrin)
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
wo	- workover

TABLE 1A - CRUDE OIL & CONDENSATE PRODUCTION IN 2017 (BOPD)

	BG ECMA	BPTT	TMAR	PTRIN	PTRIN (LO)	PTRIN (IPSC)	PTRIN (FO)	TEPGL	PRIM	EOG	BOLT	TEPL	BGCB	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	53,384	75,946
Mar-17	357	10,373	19,188	11,935	5,963	3,024	703	945	313	<i>1,206</i>	0	238	342	88	61	4,829	12,115	22,429	49,251	71,679
Apr-17																				
May-17																				
Jun-17																				
Jul-17																				
Aug-17																				
Sep-17																				
Oct-17																				
Nov-17																				
Dec-17																				
AVG 2017	394	13,027	19,218	11,883	5,965	2,878	726	966	303	<i>1,292</i>	1	252	342	95	66	5,194	11,684	22,261	52,029	74,289

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

TABLE 1B - CONDENSATE PRODUCTION (ONLY) IN 2017 (BOPD)						
	BPTT	BG ECMA	BGCB	EOG	NGC	TOTAL
Jan-17	14,535	414	241	1,413	92	16,694
Feb-17	13,013	414	454	1,254	50	15,186
Mar-17	9,607	357	342	<i>1,206</i>	79	11,592
Apr-17						
May-17						
Jun-17						
Jul-17						
Aug-17						
Sep-17						
Oct-17						
Nov-17						
Dec-17						
AVG 2017	12,364	394	342	<i>1,292</i>	74	14,467

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					
May-17					
Jun-17					
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						
May-17						
Jun-17						
Jul-17						
Aug-17						
Sep-17						
Oct-17						
Nov-17						
Dec-17						
TOTAL	217	89	90	96	70	562

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						
May-17						
Jun-17						
Jul-17						
Aug-17						
Sep-17						
Oct-17						
Nov-17						
Dec-17						
TOTAL	47,940	12,376	17,699	26,535	19,445	123,995

TABLE 2D - WELLS STARTED IN 2017

COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDDED	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	-	4,156	4,156
PTRIN	FOREST RESERVE	FOR-LAND-1777	PTRIN RIG #1	DEV	4-Jan-17	-	1,451	1,451
PTRIN (LOL)	FOREST RESERVE	FOR-LAND-1778	WSL RIG #4	DEV	10-Jan-17	-	5,708	5,708
PTRIN (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 (LOL)	FOREST RESERVE	FOR-LAND-1781	WSL #4	DEV	22-Feb-17	-	5,170	5,164
PTRIN (LOL)	FOREST RESERVE	FOR-LAND-1780	WSL #4	DEV	11-Feb-17	-	5,406	5,402
BPTT	PARANG	PAR-KAP-01	REXLII	DEV	8-Feb-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	-	2032	1950
PTRIN (IPSC) (AVOGL)	CATSHILL	CAT-LAND-161	AVDWL RIG 6	DEV	29-Mar-17	-	455	3000
PTRIN (IPSC) (GEPL)	GOUDRON	GOU-LAND-682	RRDSL #18	DEV	4-Mar-17	-	1145	1130
PTRIN (IPSC) (GEPL)	GOUDRON	GOU-LAND-683	RRDSL #18	DEV	31-Mar-17	-	172	1250
PTRIN (RPTTL)	PALO SECO (EX TRINTOPEC)	PAS-LAND-1509ST	WSL #4	DEV	6-Mar-17	-	5015	6260
PTRIN	PT FORTIN CENTRAL	PFC-LAND-462	PTRIN RIG #1	DEV	22-Mar-17	-	2909	3508
BPTT	EAST MAYARO	EAM1-NOP-MACADAMIA-1	JOEDOUG	EXPL A2c	25-Mar-17	-	1747	12609

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)	TMAR	TOTAL OTHER	
Jan-17	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Feb-17	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	2
Mar-17	0	0	0	0	0	0	1	0	1	2	1	1	0	0	2	4
Apr-17																
May-17																
Jun-17																
Jul-17																
Aug-17																
Sep-17																
Oct-17																
Nov-17																
Dec-17																
TOTAL	0	0	0	0	0	0	3	0	2	5	1	1	0	0	2	7

NOTE: * Includes Abandonments

TABLE 2F - MEEI APPROVED WORKOVERS COMPLETED AND WINCH HOURS IN 2017

	TMAR	PTRIN	PRIM	PTRIN (IPSC)	PTRIN (LO)	BPTT	TOTAL WORKOVERS COMPLETED	TOTAL WINCH HOURS
Jan-17	2	2	0	0	2	0	6	1,560
Feb-17	2	6	1	1	4	1	15	1,130
Mar-17	2	3	0	0	1	1	7	1,153
Apr-17								
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
TOTAL	6	11	1	1	7	2	28	3,842

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										1,765
TMAR	<i>16</i>	<i>16</i>	<i>16</i>										16
PTRIN	2	2	<i>2</i>										2
EOG	522	<i>518</i>	<i>523</i>										521
BG	549	619	602										590
BHP	338	<i>372</i>	<i>375</i>										362
RSOL	<i>30</i>	<i>30</i>	<i>30</i>										30
TOTAL	3,333	3,360	3,164	0	0	0	0	0	0	0	0	0	3,285

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										239
Ammonia Manufacture	525	582	558										555
Methanol Manufacture	463	407	409										426
Refinery	49	68	72										63
Iron & Steel Manufacture	51	51	49										50
Cement Manufacture	10	11	11										11
Ammonia Derivatives	18	20	18										19
Gas Processing	24	27	24										25
Small Consumers	8	8	8										8
LNG	1784	1736	1566										1,696
TOTAL	3,166	3,143	2,966	0	0	0	0	0	0	0	0	0	3,092

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	-	-	-										-
Lucina Blend	Gabon	112,625	223,368	195,755										531,748
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										1,154,334
Ogeundjo	Switzerland	-	-	-										-
Oriente	Panama	-	-	-										-
Oriente	Rep. of Ecuador	-	-	-										-
Roncador	Brazil	-	-	469,208										469,208
Saltpond Crude	Russia	-	-	-										-
Saltpond/Ogeundjo Crude	Ghana	-	-	-										-
Urals/Russian Blend	Russia	-	-	-										-
Varandey Blend	Russia	727,986	714,796	755,175										2,197,957
Varandey	Norway	-	-	-										-
Vasconia	Colombia	506,562	-	501,056										1,007,618
Woodbourne	Barbados	28,479	28,083	-										56,562
TOTAL		2,460,671	2,555,964	3,445,259	-	-	-	-	-	-	-	-	-	8,461,894

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										2,191,815
Calypso Crude	362,196	-	361,436										723,632
TOTAL	1,123,192	600,525	1,191,730	-	-	-	-	-	-	-	-	-	2,915,447

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										133,291
Motor Gasoline	364,967	358,584	366,508										1,090,059
Naphtha	-	-	-										-
Aviation Gasoline	-	-	-										-
Kerosine/Jet	94,874	81,708	86,592										263,174
Gas Oils /Diesel	315,598	313,022	320,062										948,682
Fuel Oils	35,075	9,018	19,880										63,973
Bitumen	6,991	5,773	5,847										18,611
Sulphur	-	-	-										-
Other Refined/Unfinished Prod.	-	-	-										-
TOTAL	857,730	800,101	859,959	-	-	-	-	-	-	-	-	-	2,517,790
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										1,681,747
Naphtha	-	-	-										-
Aviation Gasoline	-	-	-										-
Kerosine/Jet	173,907	356,945	297,755										828,607
Gas Oils /Diesel	698,498	507,701	563,640										1,769,839
Fuel Oils	664,269	1,369,556	1,257,262										3,291,087
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	-	-	-	-	-	-	-	-	-	8,970,928

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)										(20,386)
Motor Gasoline	766,475	622,497	1,480,220										2,869,192
Aviation Gasoline	(31,433)	(602)	1,973										(30,062)
Kerosine/Jet	268,290	371,745	418,585										1,058,620
Gas Oils / Diesel	887,727	843,711	1,036,758										2,768,196
Fuel Oils	1,259,315	1,164,707	1,433,034										3,857,056
Bitumen	1,686	11,529	1,169										14,384
Sulphur	2,124	1,108	-										3,232
Other Refined/Unfinished Prod.	422,641	768,693	(137,809)										1,053,525
Refinery Gas and Loss/(Gain)	109,562	121,267	89,686										320,515
TOTAL	3,670,507	3,920,358	4,303,407	-	-	-	-	-	-	-	-	-	11,894,272

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										3,964,757
Throughput (BOPD)	118,403	140,013	138,820										132,412

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										843,318
Butane	231,850	201,048	204,668										637,566
Natural Gasoline	298,911	254,223	241,622										794,756
TOTAL	836,948	726,165	712,527	0	0	0	0	0	0	0	0	0	2,275,640
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										817,394
Butane	139,336	240,431	249,304										629,071
Natural Gasoline	329,692	305,010	319,222										953,924
TOTAL	780,437	874,448	745,504	0	0	0	0	0	0	0	0	0	2,400,389

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										35,302
Tringen I	39,265	37,866	41,959										119,090
Tringen II	46,682	35,719	42,418										124,819
PCS (01,02,03,04)	160,565	154,507	162,436										477,508
PLNL	55,485	54,148	60,096										169,729
CNC	16,413	24,017	53,794										94,224
N2000	50,592	46,427	43,801										140,820
AUM-NH3	6,507	1,751	18,514										26,772
TOTAL	389,431	367,730	431,103	0	0	0	0	0	0	0	0	0	1,188,264

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										39,817
Tringen I	36,428	40,072	25,269										101,769
Tringen II	17,507	54,455	43,346										115,308
PCS (01,02,03,04)	166,425	99,912	163,965										430,301
PLNL	41,075	85,506	48,752										175,333
CNC	36,791	52,081	65,421										154,293
N2000	22,709	29,824	34,888										87,421
AUM-NH3	0	0	0										0
TOTAL	338,535	379,667	386,041	0	0	0	0	0	0	0	0	0	1,104,242

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										149,543
UAN	115,516	118,515	99,227										333,258
Melamine	2,268	2,355	1,780										6,403
TOTAL	173,406	170,508	145,289	0	0	0	0	0	0	0	0	0	489,204

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										174,955
UAN	88,246	123,547	140,119										351,912
Melamine	2,400	1,980	1,660										6,040
TOTAL	155,047	184,895	192,965	0	0	0	0	0	0	0	0	0	532,907

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
CMC	0	0	0										0
TTMC II	19,679	43,358	40,464										103,501
MIV	37,844	8,068	0										45,912
Titan	62,494	62,881	32,298										157,673
Atlas	144,339	76,364	156,559										377,262
M5000	149,704	136,142	145,316										431,162
TOTAL	414,060	326,813	374,637	0	0	0	0	0	0	0	0	0	1,115,510

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
CMC	202,255	82,474	115,611										400,340
TTMC II	0	15,963	0										15,963
MIV	0	0	0										0
Titan	75,452	78,745	46,073										200,270
Atlas	198,795	67,133	150,088										416,016
M5000	23,588	54,555	94,545										172,688
TOTAL	500,090	298,870	406,317	0	0	0	0	0	0	0	0	0	1,205,277

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										1,598,511
Train 2	527,151	477,522	534,858										1,539,531
Train 3	341,519	231,517	333,673										906,709
Train 4	677,068	644,703	797,091										2,118,862
TOTAL	2,237,469	1,976,523	1,949,621	0	0	0	0	0	0	0	0	0	6,163,613

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										36,118,582
Train 2	11,764,692	10,647,451	11,941,721										34,353,864
Train 3	7,682,094	5,205,521	7,502,204										20,389,818
Train 4	15,176,818	14,457,658	17,877,157										47,511,633
TOTAL	50,242,337	44,386,166	43,745,395	0	0	0	0	0	0	0	0	0	138,373,898

* 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										37,699,409
Train 2	9,951,686	5,932,516	14,178,918										30,063,120
Train 3	7,523,302	5,744,558	3,009,920										16,277,780
Train 4	18,609,806	18,599,422	18,495,508										55,704,736
TOTAL	52,024,365	41,652,860	46,067,820	0	0	0	0	0	0	0	0	0	139,745,045

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										1,668,316
Train 2	445,914	266,064	635,060										1,347,038
Train 3	334,460	255,491	133,871										723,822
Train 4	830,220	829,395	824,661										2,484,276
TOTAL	2,316,534	1,854,304	2,052,614	0	0	0	0	0	0	0	0	0	6,223,452

** 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										370,350
Train 2	49,939	34,004	52,561										136,504
Train 3	69,244	44,420	66,454										180,118
Train 4	170,519	151,291	173,606										495,416
TOTAL	450,401	375,515	356,472	0	0	0	0	0	0	0	0	0	1,182,388

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.