



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

CONSOLIDATED MONTHLY BULLETINS

JANUARY - SEPTEMBER 2018



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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 : Petroleum Company of Trinidad and Tobago Refinery at Pointe-a-Pierre [Source : www.cnc3.co.tt]

LIST OF ABBREVIATIONS USED

Company and Facility Names

ALNG	- Atlantic LNG	NUTRIEN (Urea)	- Nutrien Urea Plant
ATLAS	- Atlas Methanol Plant	PCSL	- Petroleum Contracting Services Limited
AUM-NH3	- Ammonia Plant from AUM Complex	PERENCO	- Perenco Trinidad & Tobago
AVDWL	- A&V Drilling and Workover Limited	PLNL	- Point Lisas Nitrogen Ltd (formerly Farmland MissChem Ltd)
AVOGL	- A&V Oil & Gas Ltd	POGTL	- Primera Oil & Gas T'dad Ltd
BHP	- BHP Billiton (Trinidad) Limited	PPGPL	- Phoenix Park Gas Processors Ltd
BOLT	- Beach Oilfield Trinidad Limited	PRIM	- Primera Oil and Gas Ltd (formerly PCOL)
BPTT	- BP Trinidad and Tobago LLC	PTRIN	- Petroleum Company of Trinidad and Tobago Ltd
CMC (M2)	- Caribbean Methanol Company Ltd (& Plant)	RALCOFF	- Ralph Coffman Rig
CNC	- Caribbean Nitrogen Company Ltd (& Plant)	REXLII	- Rowan EXL II Rig
DEEP INV	Deepwater Invictus	RG VI	- Rowan Gorilla VI
DE NOVO	- De Novo Energy	RPTTL	- Rocky Point T&T Ltd
DOV	- Diamond Ocean Victory Rig	RRDSL	- Range Resources Drilling Services Ltd
EOG	- EOG Resources Trinidad Ltd	SHELL	- Shell Trinidad Ltd
EOGUA	- EOG Resources Trinidad Block U (a) Unlimited	TEPGL	- Trinity Exploration & Production (Galeota)Ltd
FETL	- Fram Exploration Trinidad Limited	TEPL	- Trinity Exploration & Production Ltd (Oilbelt)
JOEDOUG	- Joe Douglas Rig	TETL	- Touchstone Exploration (Trinidad) Ltd
LOL	- Lease Operators Ltd	TITAN	- Titan Methanol Plant
MIV (M4)	- Methanol IV Company Ltd Plant	TMAR	- Trinmar Strategic Business Unit, Petrotrin
M5000 (M5)	- M5000 Methanol Plant	TRINGEN I & II	- Trinidad Nitrogen Company Ltd Plants I & II
MAERSK DEV	Maersk Developer	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	WWL	- Walkerwell Limited
NUTRIEN 1,2,3,4	- Nutrien Ammonia Plants 1, 2, 3, 4 (Formerly PCS)	YARA	- Yara Trinidad Ltd

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

CNG	- Compressed Natural Gas
LNG	- Liquefied Natural Gas
LPG	- Liquefied Petroleum Gas
NGLs	- Natural Gas Liquids
NH ₃	- Ammonia
UAN	- Urea Ammonium Nitrate

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 2018 (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-18	417	9,585	20,103	11,743	6,302	2,301	628	1,076	281	1,668	0	245	461	58	67	5,547	8,547	21,842	47,188	69,030
Feb-18	390	8,202	19,072	11,833	6,083	2,220	584	1,052	273	1,571	0	236	419	83	67	5,937	11,595	21,561	48,055	69,617
Mar-18	386	7,382	19,025	12,657	6,040	988	543	1,044	281	1,547	1	253	393	75	56	4,066	11,147	21,035	44,850	65,885
Apr-18	222	6,764	19,513	12,711	7,036	1,018	655	1,068	287	1,479	3	233	461	68	67	4,980	12,188	22,307	46,447	68,753
May-18	323	6,087	18,079	12,617	6,713	988	643	1,119	288	1,411	7	233	633	79	76	4,916	11,813	22,043	43,981	66,024
Jun-18	438	5,818	18,727	12,330	6,534	956	606	974	263	1,437	9	237	687	80	58	5,323	10,572	21,523	43,525	65,048
Jul-18	402	6,613	18,353	12,257	6,846	1,022	562	1,004	347	1,285	10	229	694	85	56	4,667	10,883	21,880	43,436	65,316
Aug-18	330	6,958	17,131	11,842	6,391	1,030	602	<i>1,066</i>	346	<i>1,421</i>	9	<i>258</i>	720	73	58	4,476	9,229	21,071	40,868	61,939
Sep-18	294	4,835	15,927	11,853	6,342	995	559	<i>1,111</i>	344	<i>1,121</i>	9	<i>224</i>	661	73	57	<i>5,268</i>	<i>10,571</i>	20,892	39,286	60,178
Oct-18																				
Nov-18																				
Dec-18																				
AVG 2018	356	6,914	18,434	12,208	6,479	1,273	598	1,057	301	1,437	5	239	571	75	63	5,008	10,713	21,573	44,151	65,724

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 2018 (BOPD)						
	BPTT	SHELL ECMA	SHELL CB	EOG	NGC	TOTAL
Jan-18	9,117	417	461	1,668	181	11,844
Feb-18	7,744	390	419	1,571	125	10,248
Mar-18	7,024	386	393	1,547	160	9,509
Apr-18	6,719	222	461	1,479	128	9,009
May-18	6,069	323	633	1,411	93	8,529
Jun-18	5,802	438	687	1,437	107	8,471
Jul-18	6,598	402	694	1,285	106	9,085
Aug-18	6,941	330	720	<i>1,421</i>	59	9,471
Sep-18	4,834	294	661	<i>1,121</i>	49	6,959
Oct-18						
Nov-18						
Dec-18						
AVG 2018	6,761	356	571	1,437	112	9,237

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 2018

	MARINE				LAND		
	SHELL	BPTT	BHP	DE NOVO	PTRIN	PRIMERA	PTRIN (LO)
Jan-18	MAERSK DEV	-	-	WSL RIG # 110	PTRIN RIG #1	-	PCSL # 8
Feb-18	MAERSK DEV	JOEDOUG	-	WSL RIG # 110	PTRIN RIG #1	WWL Rig #1	PCSL # 8 & WSL # 4
Mar-18	MAERSK DEV	JOEDOUG	-	WSL RIG # 110	PTRIN RIG #1	-	PCSL # 8, WSL # 4, TALON 38
Apr-18	MAERSK DEV	JOEDOUG	-	WSL RIG # 110	WSL Rig 4	-	PCSL # 8, TALON 38
May-18	MAERSK DEV, RG VI	JOEDOUG	-	WSL RIG # 110	-	-	PCSL # 8, WSL # 4, TALON 38
Jun-18	MAERSK DEV, RG VI	JOEDOUG	DEEP INV	WSL RIG # 110	-	-	PCSL # 8, WSL # 4
Jul-18	RG VI	JOEDOUG	DEEP INV	-	-	-	PCSL # 8
Aug-18	RG VI	JOEDOUG	DEEP INV	-	-	-	PCSL # 8, WSL # 4, RRDSL RIG 17
Sep-18	RG VI	JOEDOUG	DEEP INV	-	-	-	PCSL # 8, WSL # 4, RRDSL RIG 17
Oct-18							
Nov-18							
Dec-18							

TABLE 2B - RIG DAYS IN 2018

	PTRIN	BPTT	PTRIN (IPSC)	PTRIN (LO)	PRIMERA	SHELL	BHP	DE NOVO	TOTAL
Jan-18	22	0	0	14	0	28	0	31	95
Feb-18	18	5	0	42	11	19	0	28	123
Mar-18	23	31	0	37	0	27	0	31	149
Apr-18	3	30	0	49	0	30	0	30	142
May-18	0	31	0	27	0	35	0	31	124
Jun-18	0	30	0	18	0	51	19	23	142
Jul-18	0	31	0	28	0	31	30	0	120
Aug-18	0	31	0	21	0	31	31	0	114
Sep-18	0	30	20	52	0	30	29	0	161
Oct-18									
Nov-18									
Dec-18									
TOTAL	66	219		288	11	281	109	174	1,169

TABLE 2C - DEPTH DRILLED IN 2018 (FT)

	PTRIN	PTRIN (IPSC)	PTRIN (LO)	PRIMERA	BPTT	BHP	SHELL	DE NOVO	TOTAL
Jan-18	3,649	0	3,630	0	0	0	8,105	8,030	23,414
Feb-18	4,289	0	13,178	360	2,357	0	8,691	0	28,875
Mar-18	2,934	0	11,228	0	12,165	0	0	0	26,327
Apr-18	0	0	9,518	0	4,324	0	651	5,285	19,778
May-18	0	0	7,954	0	3,142	0	10,700	3,272	25,068
Jun-18	0	0	4,691	0	7,269	8,349	8,467	1,492	30,268
Jul-18	0	0	7,059	0	6,481	20,333	3,197	0	37,070
Aug-18	0	0	6,066	0	3,111	5,652	11,625	0	26,454
Sep-18	0	3,103	13,129	0	10,210	7,398	394	0	34,234
Oct-18									
Nov-18									
Dec-18									
TOTAL	10,872	3,103	76,453	360	49,059	41,732	51,830	18,079	251,488

TABLE 2D - WELLS STARTED IN 2018

COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDED	DATE COMPLETED	TD (ft)	ATD (ft)
DE NOVO	IGUANA	IGU-IGUA-IGUANA A1XST2	WSL Rig 110	DEV	24-Jan-18	13-Mar-18	5,796	6,248
SHELL	STARFISH	STARFISH -5	MAERSK DEV	DEV	7-Jan-18	6-May-18	8,756	8,562
PTRIN (LO) (PCSL)	PALO SECO	PAS-LAND-1510	PCSL #8	DEV	18-Jan-18	28-Mar-18	3,630	3,600
PTRIN	PT FORTIN CENTRAL	PFC-LAND-463	PTRIN RIG #1	DEV	10-Jan-18	1-Mar-18	3,649	3,649
PTRIN (LO)(PCSL)	PALO SECO	PAS-LAND-1511	PCSL #8	DEV	8-Feb-18	12-Mar-18	3,333	3,400
PTRIN (LO)(TETL)	PALO SECO	PAS-LAND-602	WSL # 4	DEV	3-Feb-18	19-Mar-18	5,378	5,400
PTRIN (LO)(OSL)	FYZABAD	FYZ-LAND-1051	WSL # 4	DEV	17-Feb-18	17-Mar-18	4,467	4,500
PTRIN	PT FORTIN CENTRAL	PFC-LAND-464	PTRIN RIG #1	DEV	8-Feb-18	8-Mar-18	3,165	3,200
PTRIN	PT FORTIN CENTRAL	PFC-LAND-465	PTRIN RIG #1	DEV	22-Feb-18	14-May-18	4,058	4,075
POGTL	FYZABAD	FYZ-LAND-305	WWL RIG # 1	DEV	6-Feb-18	24-Feb-18	205	200
POGTL	FYZABAD	FYZ-LAND-306	WWL RIG # 1	DEV	15-Feb-18	7-Mar-18	155	200
SHELL	STARFISH	STA-NOP-09ST1	MAERSK DEV	DEV	9-Feb-18	31-Aug-18	8,356	8,163
BPTT	PARANG	PAR-CAN-01	JOEDOUG	DEV	24-Feb-18	1-Apr-18	14,522	14,094
PTRIN (LO)(TETL)	COORA	COO-LAND-370	PCSL #8	DEV	30-Mar-18	9-Jun-18	3,820	3,820
PTRIN (LO)(OSL)	PALO SECO	PAS-LAND-603	WSL #4	DEV	11-Mar-18	25-Apr-18	6,050	6,000
PTRIN (LO)(TETL)	FOREST RESERVE	FOR-LAND-1792	TALON 38	DEV	16-Mar-18	22-May-18	4,700	4,700
PTRIN (LO)(TETL)	COORA	COO-LAND-371	PCSL #8	DEV	23-Apr-18	27-Jun-18	4,530	4,530
PTRIN (LO)(TETL)	FOREST RESERVE	FOR-LAND-1793	TALON 38	DEV	11-Apr-18	22-May-18	4,700	4,700
BPTT	PARANG	PAR-CAN-01X	JOEDOUG	DEV	1-Apr-18	26-May-18	14,344	14,437
SHELL	STARFISH	STA-NOP-07	MAERSK DEV	DEV	14-May-18	3-Sep-18	8,885	8,974
DENOVO	IGUANA	IGU-IGUA-IGUANA A4	WSL Rig 110	DEV	14-May-18	22-Jun-18	4,764	5,096
PTRIN (LO)	FOREST RESERVE	FOR-LAND-1794	WSL RIG #4	DEV	18-May-18	-	4,900	4,900
SHELL	DOLPHIN	DOL-DOA-17	RG VI	DEV	19-May-18	10-Aug-18	10,989	11,054
BPTT	IMMORTELE	IMM-CAN-01	JOEDOUG	DEV	27-May-18	22-Aug-18	16,892	18,139
BHP Billiton Petroleum (T'dad Block 5) Ltd	BLOCK TTDA A5	BTD5-NOP-VICTORIA_1	DEEP INV	EXP (A3)	12-Jun-18	18-Jul-18	10,767	10,771
PTRIN (LO)(TETL)	COORA	COO-LAND-372	PCSL #8	DEV	15-Jun-18	-	6,500	6,600
BHP Billiton Petroleum (T'dad Block 14) Ltd	BLOCK TTDA A14	BTD14-NOP-BONGOS_1	DEEP INV	EXP (A3)	20-Jul-18	28-Sep-18	8,100	17,543
BHP Billiton Petroleum (T'dad Block 14) Ltd	BLOCK TTDA A14	BTD14-NOP-BONGOS_2	DEEP INV	EXP (A3)	22-Jul-18	23-Sep-18	16,902	17,557
PTRIN (LO)(TETL)	COORA	COO-LAND-373	PCSL #8	DEV	17-Jul-18	-	5,250	5,350
SHELL	DOLPHIN	DOL-DOA-14 ST1	RG VI	DEV	27-Jul-18	-	14,509	14,895

TABLE 2D - WELLS STARTED IN 2018

COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDDED	DATE COMPLETED	TD (ft)	ATD (ft)
BPTT	IMMORTELLE	IMM-CAN-02	JOEDOUG	DEV	23-Aug-18	-	13,321	18,094
PTRIN (LO)(TETL)	FOREST RESERVE	FOR-LAND-1795	RRDSL#17	DEV	18-Aug-18	-	4,700	4,700
PTRIN (LO)(OSL)	FOREST RESERVE	FOR-LAND-1796	WSL #4	DEV	26-Aug-18	-	4,100	4,100

TABLE 2E - WELL COMPLETIONS IN 2018

	WELL COMPLETIONS - OIL					WELL COMPLETIONS - GAS					WELL COMPLETIONS - OTHER*					TOTAL COMPLETIONS
	PTRIN (LO)	PTRIN (IPSC)	TMAR	PTRIN	TOTAL OIL	BPTT	SHELL	DE NOVO	EOG	TOTAL GAS	PRIM	BPTT	BHP	DE NOVO	TOTAL OTHER	
Jan-18	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2
Feb-18	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	2
Mar-18	4	0	0	3	7	0	0	1	0	1	1	0	0	0	1	9
Apr-18	1	0	0	1	2	0	0	0	0	0	0	1	0	0	1	3
May-18	2	0	0	1	3	1	1	0	0	2	0	0	0	0	0	5
Jun-18	2	0	0	0	2	0	0	2	0	2	0	0	0	0	0	4
Jul-18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Aug-18	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Sep-18	0	0	0	0	0	0	1	0	0	1	0	0	2	0	2	3
Oct-18																
Nov-18																
Dec-18																
TOTAL	10	0	0	5	15	1	4	3	1	9	2	1	3	1	7	31

*NOTE: Includes Abandonments.

TABLE 2F - MEEI APPROVED WORKOVERS COMPLETED AND WINCH HOURS IN 2018

	TMAR	PERENCO	PTRIN	PRIM	PTRIN (IPSC)	PTRIN (FO)	PTRIN (LO)	SHELL (CB)	BPTT	TOTAL WORKOVERS COMPLETED	TOTAL WINCH HOURS
Jan-18	1	0	8	1	0	0	6	0	2	18	2,636
Feb-18	1	0	9	2	0	0	6	0	2	20	2,473
Mar-18	1	4	9	0	0	0	0	0	0	14	2,959
Apr-18	0	0	7	1	0	2	4	1	0	15	1,398
May-18	1	0	3	0	1	1	8	0	0	14	2,048
Jun-18	0	0	2	1	1	0	4	0	0	8	694
Jul-18	0	2	3	1	0	0	5	0	2	13	1,621
Aug-18	0	1	2	2	2	1	12	0	0	20	1,810
Sep-18	0	0	1	3	1	1	10	0	0	16	1,543
Oct-18											
Nov-18											
Dec-18											
TOTAL	4	7	41	6	2	3	33	1	6	138	17,180

TABLE 3A - NATURAL GAS PRODUCTION BY COMPANY IN 2018 (MMSCF/D)

COMPANY	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	AVG 2018
BPTT	2,276	2,070	2,206	2,109	2,007	2,192	2,135	2,102	1,707				2,089
TMAR	22	28	16	23	16	16	16	16	16				19
PTRIN	2	2	2	2	2	2	2	2	2				2
EOG	525	529	526	525	493	504	425	505	491				503
SHELL	555	548	530	468	533	609	607	546	440				537
BHP	470	405	392	416	416	458	447	415	477				433
PERENCO	21	35	34	26	30	30	30	30	30				30
TOTAL	3,871	3,616	3,706	3,570	3,497	3,811	3,663	3,616	3,163	0	0	0	3,612

TABLE 3B - NATURAL GAS UTILIZATION BY SECTOR IN 2018 (MMSCF/D)

SECTOR	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	AVG 2018
Power Generation	224	218	233	236	245	251	289	238	244				242
Ammonia Manufacture	570	545	555	543	515	570	556	548	538				549
Methanol Manufacture	490	530	535	502	490	513	424	429	478				488
Refinery	63	65	51	57	77	80	84	94	108				76
Iron & Steel Manufacture	50	23	50	47	49	46	46	43	48				44
Cement Manufacture	8	12	13	16	13	13	14	8	11				12
Ammonia Derivatives	22	22	20	21	22	23	21	21	21				22
Gas Processing	25	25	24	24	24	24	24	24	24				24
Small Consumers	8	8	8	8	8	8	8	8	8				8
LNG	2,158	1,934	2,033	1,929	1,871	2,010	1,955	1,953	1,444				1,921
TOTAL	3,618	3,381	3,523	3,384	3,313	3,538	3,422	3,366	2,924	0	0	0	3,385

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 2018 (BBLS)

CRUDE TYPE	COUNTRY	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Coco	Congo	-	-	-	-	-	-	-	-	-	-	-	-	-
Es Sider	Libya	-	-	-	-	-	-	-	-	-	-	-	-	-
Hibernia	Canada	-	-	-	568,126	-	649,583	-	-	-	-	-	-	1,217,709
Lucina	Gabon	-	-	-	275,262	-	299,189	-	-	-	-	-	-	574,451
Lula	Brazil	-	-	-	-	-	-	947,084	451,004	-	-	-	-	1,398,088
Mandji	Gabon	-	-	450,353	-	-	-	-	-	-	-	-	-	450,353
Oguendjo	Gabon	-	-	738,672	467,584	716,234	454,494	-	746,453	728,877	-	-	-	3,852,314
Roncador	Brazil	-	-	-	-	-	-	-	-	-	-	-	-	-
Urals	Russia	-	-	-	-	723,619	-	-	-	-	-	-	-	723,619
Varandey	Russia	1,480,136	1,520,855	-	750,241	782,853	751,098	738,663	775,901	739,081	-	-	-	7,538,828
Vasconia	Colombia	997,455	950,832	999,803	501,017	525,039	497,946	979,658	523,568	524,128	-	-	-	6,499,446
Woodbourne	Barbados	-	59,388	-	-	29,954	-	64,301	-	-	-	-	-	153,643
TOTAL		2,477,591	2,531,075	2,188,828	2,562,230	2,777,699	2,652,310	2,729,706	2,496,926	1,992,086	-	-	-	22,408,451

TABLE 4B - CRUDE OIL EXPORTS IN 2018 (BBLS)

CRUDE TYPE	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Galeota Mix	760,640	380,383	760,514	379,968	761,101	380,137	760,282	380,237	380,473	-	-	-	4,943,735
Calypso Crude	-	500,736	-	-	360,504	360,316	-	-	360,502	-	-	-	1,582,058
TOTAL	760,640	881,119	760,514	379,968	1,121,605	740,453	760,282	380,237	740,975	-	-	-	6,525,793

TABLE 4C - PETROTRIN PAP REFINERY SALES IN 2018 (BBLs)

LOCAL SALES (BBLs)													
PRODUCT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Liquefied Petroleum Gas	50,567	41,374	46,727	38,975	35,829	35,053	30,248	39,632	32,101				350,506
Motor Gasoline	360,572	339,584	380,609	374,892	370,900	357,644	376,266	360,741	373,321				3,294,529
Naphtha	-	-	-	-	-	-	-	-	-				-
Aviation Gasoline	-	-	-	-	-	-	-	-	-				-
Kerosine/Jet	87,629	84,370	79,219	86,010	87,468	73,046	93,725	90,569	85,154				767,190
Gas Oils /Diesel	269,909	258,231	287,626	298,419	327,494	294,372	307,031	290,165	295,822				2,629,069
Fuel Oils	-	-	-	-	-	-	-	-	-				-
Bitumen	2,903	2,838	5,378	7,244	9,894	4,913	8,470	8,522	6,595				56,757
Sulphur	-	-	-	-	-	-	-	-	-				-
Other Refined/Unfinished Prod.	-	-	-	-	-	-	-	-	-				-
TOTAL	771,580	726,397	799,559	805,540	831,585	765,028	815,740	789,629	792,993	-	-	-	7,098,051
EXPORT SALES (BBLs)													
PRODUCT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Liquefied Petroleum Gas	-	-	-	-	-	-	-	-	-				-
Motor Gasoline	1,005,573	755,644	925,871	980,587	829,082	986,646	845,641	1,076,829	728,395				8,134,268
Naphtha	-	-	-	-	-	-	-	-	-				-
Aviation Gasoline	-	-	-	-	-	-	-	-	-				-
Kerosine/Jet	323,716	394,588	370,577	271,252	183,785	269,805	246,252	256,332	107,315				2,423,622
Gas Oils /Diesel	775,604	646,447	507,328	395,968	700,754	682,118	751,420	750,478	504,309				5,714,426
Fuel Oils	1,248,281	1,120,921	1,007,127	1,159,048	1,548,517	1,127,820	1,141,965	1,458,099	1,034,133				10,845,911
Bitumen	-	-	-	-	-	-	-	-	-				-
Sulphur	-	-	-	-	-	-	-	-	-				-
Other Refined/Unfinished Prod.	-	-	-	-	349,471	-	-	-	-				349,471
TOTAL	3,353,174	2,917,600	2,810,903	2,806,855	3,611,609	3,066,389	2,985,278	3,541,738	2,374,152	-	-	-	27,467,698

TABLE 4D - PETROTRIN PAP REFINERY OUTPUT IN 2018 (BBLs)

PRODUCT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Liquefied Petroleum Gas	(46,926)	(44,561)	(24,636)	(58,319)	(43,230)	(66,762)	(54,016)	(50,968)	(32,750)				(422,168)
Motor Gasoline	1,343,388	1,332,786	1,004,494	1,306,855	1,275,791	1,462,705	1,305,389	1,324,445	1,138,840				11,494,693
Aviation Gasoline	10,231	(12,523)	11,502	(17,139)	16,685	(27,579)	31,812	(3,681)	(12,187)				(2,879)
Kerosine/Jet	462,519	399,438	351,652	368,809	340,291	341,731	344,685	386,123	229,564				3,224,812
Gas Oils / Diesel	859,103	1,055,116	661,271	895,288	881,652	1,138,096	946,975	1,080,058	830,976				8,348,535
Fuel Oils	1,231,887	1,149,702	1,299,730	1,340,295	1,443,315	1,175,515	1,282,089	1,236,789	1,069,098				11,228,420
Bitumen	315	7,058	1,470	7,184	3,393	10,807	8,380	3,154	5,880				47,641
Sulphur	-	-	-	-	-	-	-	-	-				-
Other Refined/Unfinished Prod.	(111,384)	(240,346)	321,311	16,040	(150,098)	(156,402)	113,286	(209,887)	(135,332)				(552,812)
Refinery Loss/(Gain)	80,201	(2,059)	112,695	(14,124)	85,784	81,787	(5,590)	16,969	93,583				449,246
Refinery Gas	69,519	63,918	60,286	75,596	79,883	83,524	76,911	74,375	73,809				657,821
TOTAL	3,898,853	3,708,529	3,799,775	3,920,485	3,933,466	4,043,422	4,049,921	3,857,377	3,261,481	-	-	-	34,473,309

TABLE 4E - PETROTRIN PAP REFINERY THROUGHPUT IN 2018 (BBLs & BOPD)

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	AVG 2018
Throughput (BBLs)	3,898,853	3,708,529	3,799,775	3,920,485	3,933,466	4,043,422	4,049,921	3,857,377	3,261,481				3,830,368
Throughput (BOPD)	125,769	132,447	122,573	130,683	126,886	134,781	130,643	124,432	108,716				126,326

TABLE 5A - PRODUCTION AND EXPORT OF NGLS FROM PPGPL IN 2018 (BBLs)

PRODUCTION (BBLs)													
PRODUCT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Propane	305,708	239,449	275,929	237,554	243,227	247,120	244,380	231,325	196,078				2,220,770
Butane	255,385	200,401	234,693	200,758	203,572	214,403	211,274	195,253	164,832				1,880,571
Natural Gasoline	335,360	268,260	318,175	289,187	279,277	300,210	301,725	287,453	218,678				2,598,325
TOTAL	896,453	708,110	828,797	727,499	726,076	761,733	757,379	714,031	579,588	0	0	0	6,699,666
EXPORT (BBLs)													
PRODUCT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Propane	203,018	427,178	287,090	248,322	178,741	168,806	232,923	248,110	115,335				2,109,523
Butane	33,904	228,214	189,415	142,952	69,118	141,025	47,905	165,072	29,102				1,046,707
Natural Gasoline	324,929	315,061	315,128	319,716	320,307	310,624	300,370	315,187	315,056				2,836,378
TOTAL	561,851	970,453	791,633	710,990	568,166	620,455	581,198	728,369	459,493	0	0	0	5,992,608

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 2018 (MT)

PRODUCTION (MT)													
PLANT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
YARA	23,708	23,704	25,581	24,727	24,067	20,214	25,058	15,993	16,984				200,036
TRINGEN I	37,320	26,376	36,081	42,981	43,578	43,022	35,303	39,774	19,250				323,685
TRINGEN II	47,096	43,125	43,800	7,675	0	22,808	38,318	40,529	37,028				280,379
NUTRIEN (1,2,3,4)	177,182	167,662	184,780	157,913	168,888	163,301	140,230	116,565	129,957				1,406,478
PLNL	60,846	54,451	59,138	58,187	34,894	26,356	61,005	60,765	59,113				474,755
CNC	34,570	0	0	37,663	52,259	53,590	40,468	56,681	49,570				324,801
N2000	55,370	49,987	55,005	53,215	30,153	45,159	55,216	57,649	53,920				455,674
AUM-NH3	6,273	7,802	51,776	4,398	3,455	6,414	8,507	13,198	19,028				120,851
TOTAL	442,365	373,107	456,161	386,759	357,294	380,864	404,105	401,154	384,850	0	0	0	3,586,659
EXPORT (MT)													
PLANT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
YARA	12,399	22,681	30,272	37,060	16,222	20,181	18,920	17,006	29,363				204,104
TRINGEN I	25,385	44,690	31,951	44,817	28,006	55,023	40,873	31,993	15,002				317,740
TRINGEN II	39,143	31,755	63,709	9,351	2,562	16,407	41,204	20,907	32,685				257,723
NUTRIEN (1,2,3,4)	141,203	111,197	146,651	94,226	170,275	143,421	72,069	117,626	106,107				1,102,775
PLNL	72,361	64,993	86,856	44,683	31,736	41,020	42,268	63,230	43,406				490,553
CNC	20,569	31,714	40,164	36,263	55,398	75,615	54,602	28,453	73,683				416,461
N2000	33,436	34,971	56,450	53,345	71,080	25,714	65,412	33,848	81,970				456,226
AUM-NH3	0	0	0	0	0	0	0	0	0				0
TOTAL	344,496	342,001	456,053	319,745	375,279	377,381	335,348	313,063	382,216	0	0	0	3,245,582

TABLE 5C - PRODUCTION AND EXPORT OF DOWNSTREAM AMMONIA PRODUCTS IN 2018 (MT)

PRODUCTION (MT)													
PRODUCT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Urea	62,873	55,360	65,256	57,621	62,755	57,574	61,508	43,611	52,628				519,186
UAN	103,468	100,188	31,079	54,179	120,483	110,073	127,611	118,526	121,452				887,059
Melamine	1,939	2,287	358	2,594	2,433	2,770	2,862	2,485	2,450				20,178
TOTAL	168,280	157,835	96,693	114,394	185,671	170,417	191,981	164,622	176,530	0	0	0	1,426,423
EXPORT (MT)													
PRODUCT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Urea	57,750	44,086	69,245	67,200	61,059	70,665	48,940	42,159	44,573				505,677
UAN	77,145	76,146	69,983	94,642	114,475	103,975	138,583	127,539	76,532				879,020
Melamine	1,280	2,020	840	2,200	2,320	2,640	3,280	2,140	2,640				19,360
TOTAL	136,175	122,252	140,068	164,042	177,854	177,280	190,803	171,838	123,745	0	0	0	1,404,057

TABLE 5D - PRODUCTION AND EXPORT OF METHANOL IN 2018 (MT)

PRODUCTION (MT)													
PLANT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
TTMC I	0	0	0	0	0	0	0	0	0				0
CMC	3,949	0	0	0	0	0	27,485	45,045	15,565				92,044
TTMC II	44,589	41,352	50,872	41,414	46,420	49,535	46,133	43,943	42,156				406,414
MIV	43,500	44,381	50,368	45,538	47,462	46,662	45,409	1,942	44,546				369,808
TITAN	64,729	64,275	68,670	56,695	67,230	57,682	66,524	60,017	31,922				537,744
ATLAS	117,908	140,849	155,268	145,193	118,700	148,008	140,655	50,657	115,357				1,132,595
M5000	150,902	132,543	159,058	150,325	155,844	136,696	30,655	154,946	155,018				1,225,987
TOTAL	425,577	423,400	484,236	439,165	435,656	438,583	356,861	356,550	404,564	0	0	0	3,764,592
EXPORT (MT)													
PLANT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
TTMC I	17,493	0	0	0	0	0	0	0	0				17,493
CMC	58,895	86,906	62,938	90,187	103,055	88,990	53,589	93,285	40,584				678,429
TTMC II	59,052	70,554	68,223	82,152	21,566	44,825	27,863	16,157	86,580				476,972
MIV	0	0	0	0	0	0	0	0	0				0
TITAN	84,052	61,598	79,271	57,374	69,618	56,826	67,041	74,618	19,224				569,622
ATLAS	132,074	142,959	138,999	162,003	129,841	119,703	169,773	40,077	96,810				1,132,239
M5000	120,273	46,163	146,899	102,187	107,689	100,940	62,776	118,102	67,231				872,260
TOTAL	471,839	408,180	496,330	493,903	431,769	411,284	381,042	342,239	310,429	0	0	0	3,747,015

TABLE 5E (I) - PRODUCTION OF LNG FROM ALNG IN 2018 (M³)

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Train 1	715,842	542,405	375,924	216,346	566,139	610,362	656,363	600,010	486,524				4,769,915
Train 2	577,267	504,805	561,478	623,140	647,536	644,358	614,312	600,913	35,292				4,809,101
Train 3	444,282	306,755	653,349	669,303	666,510	628,926	672,264	697,885	620,385				5,359,659
Train 4	955,259	822,856	970,743	816,851	440,067	639,473	552,421	614,920	619,319				6,431,909
TOTAL	2,692,650	2,176,821	2,561,494	2,325,640	2,320,252	2,523,119	2,495,360	2,513,728	1,761,520	0	0	0	21,370,584

TABLE 5E (II) - PRODUCTION OF LNG FROM ALNG IN 2018 (MMBTU)**

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Train 1	16,141,736	12,201,726	8,485,808	4,798,295	12,730,541	13,757,437	14,784,117	13,513,065	10,991,891				107,404,616
Train 2	12,858,045	11,216,161	12,519,050	13,958,211	14,509,598	14,425,565	13,749,900	13,488,574	650,668				107,375,773
Train 3	9,962,491	6,949,995	14,607,316	14,986,163	14,926,025	14,105,804	15,121,167	15,632,066	13,952,024				120,243,049
Train 4	21,484,539	18,437,076	21,812,886	18,371,061	9,846,499	14,267,794	12,271,701	13,700,418	13,863,394				144,055,368
TOTAL	60,446,811	48,804,958	57,425,060	52,113,729	52,012,663	56,556,600	55,926,885	56,334,122	39,457,977	0	0	0	479,078,806

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

TABLE 5F(I) - LNG SALES & DELIVERIES FROM ALNG IN 2018 (MMBTU)

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Train 1	14,469,645	11,666,617	11,431,271	11,729,741	11,901,088	15,283,598	9,953,922	12,657,203	7,256,498				106,349,583
Train 2	12,368,319	8,092,248	14,760,521	14,495,049	12,214,082	15,600,737	11,941,997	14,184,648	8,737,894				112,395,495
Train 3	8,770,794	11,572,267	13,712,876	9,602,603	7,332,745	17,069,494	19,103,052	13,277,059	8,585,313				109,026,203
Train 4	25,771,026	18,670,700	16,261,533	16,480,982	16,599,764	12,244,363	15,125,023	14,989,391	17,309,954				153,452,736
TOTAL	61,379,784	50,001,832	56,166,201	52,308,375	48,047,679	60,198,192	56,123,994	55,108,301	41,889,659	0	0	0	481,224,017

TABLE 5F(II) - LNG SALES & DELIVERIES FROM ALNG IN 2018 (M³)***

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Train 1	641,689	518,618	506,409	528,872	529,252	678,072	441,919	562,008	321,188				4,728,027
Train 2	555,281	364,207	662,008	647,106	545,091	696,850	533,539	631,923	473,940				5,109,946
Train 3	391,138	510,770	613,343	428,866	327,438	761,066	849,293	592,747	381,751				4,856,411
Train 4	1,145,847	833,283	723,690	732,811	741,889	548,784	680,866	672,773	773,287				6,853,230
TOTAL	2,733,955	2,226,878	2,505,450	2,337,654	2,143,671	2,684,772	2,505,617	2,459,451	1,950,166	0	0	0	21,547,614

*** 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 2018 (BBLS)

NGL SALES AND DELIVERIES (BBLS)													
	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
Train 1	157,985	111,463	63,295	43,115	105,028	105,844	110,005	103,473	65,723				865,931
Train 2	45,426	31,992	47,160	66,533	78,871	79,641	64,869	60,792	2,141				477,425
Train 3	89,299	56,094	135,061	105,924	80,112	85,296	89,906	100,108	69,733				811,533
Train 4	198,845	178,086	206,262	169,597	97,151	120,825	101,712	105,902	118,249				1,296,629
TOTAL	491,555	377,635	451,778	385,169	361,162	391,606	366,492	370,275	255,846	0	0	0	3,451,518

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.