



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

# CONSOLIDATED MONTHLY BULLETINS

**JANUARY- DECEMBER 2019**





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## DISCLAIMER FOR MEEI CONSOLIDATED MONTHLY BULLETINS

### CONSOLIDATED MONTHLY BULLETINS

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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

CONSOLIDATED MONTHLY BULLETINS

ALNG	- Atlantic LNG
ATLAS	- Atlas Methanol Plant
AUM-NH3	- Ammonia Plant from AUM Complex
AVDWL	- A&V Drilling and Workover Limited
AVOGL	- A&V Oil & Gas Ltd
BHP	- BHP Billiton (Trinidad) Limited
BOLT	- Beach Oilfield Trinidad Limited
BPTT	- BP Trinidad and Tobago LLC
CEBL	Columbus Energy Bonasse Limited
CMC (M2)	- Caribbean Methanol Company Ltd (& Plant)
CNC	- Caribbean Nitrogen Company Ltd (& Plant)
DEEP INV	Deepwater Invictus
DENOVO	- DeNovo Energy
DOV	- Diamond Ocean Victory Rig
EOG	- EOG Resources Trinidad Ltd
EOGUA	- EOG Resources Trinidad Block U (a) Unlimited
FETL	- Fram Exploration Trinidad Limited
HPCL	- Heritage Petroleum Co Ltd
HPCL (Offshore)	- Formerly Petrotrin Trinmar
JOEDOUG	- Joe Douglas Rig
LOL	- Lease Operators Ltd
LTL	- Leni Trinidad Ltd
MIV (M4)	- Methanol IV Company Ltd Plant
M5000 (M5)	- M5000 Methanol Plant
MAERSK DEV	Maersk Developer
MEPR	- Massy Energy Production Resources
N2000	- Nitrogen 2000 Unlimited
NGC	- The National Gas Company of Trinidad & Tobago Ltd
NHETT	- New Horizon Energy Trinidad and Tobago Ltd

NUTRIEN 1,2,3,4	- Nutrien Ammonia Plants 1, 2, 3, 4 (Formerly PCS)
NUTRIEN (Urea)	- Nutrien Urea Plant
PCSL	- Petroleum Contracting Services Limited
PERENCO	- Perenco Trinidad & Tobago
PLNL	- Point Lisas Nitrogen Ltd (formerly Farmland MissChem Ltd)
POGTL	- Primera Oil & Gas T'dad Ltd
PPGPL	- Phoenix Park Gas Processors Ltd
PRIM	- Primera Oil and Gas Ltd (formerly PCOL)
PTRIN	- Petroleum Company of Trinidad and Tobago Ltd
RALCOFF	- Ralph Coffman Rig
REXLII	- Rowan EXL II Rig
RG VI	- Rowan Gorilla VI
RPTTL	- Rocky Point T&T Ltd
RRDSL	- Range Resources Drilling Services Ltd
SHELL	- Shell Trinidad Ltd
TEPGL	- Trinity Exploration & Production (Galeota)Ltd
TEPL	- Trinity Exploration & Production Ltd (Oilbelt)
TETL	- Touchstone Exploration (Trinidad) Ltd
TITAN	- Titan Methanol Plant
TMAR	- Trinmar Strategic Business Unit, Petrotrin
TRINGEN I & II	- Trinidad Nitrogen Company Ltd Plants I & II
TTMC I (M1)	- Trinidad and Tobago Methanol Company Ltd Plant I
TTMC II (M3)	- Trinidad and Tobago Methanol Company Ltd Plant II
TWSC	- Tallon Well Services Company
WSL	- Well Services Petroleum Company Limited
WWL	- Walkerwell Limited
YARA	- Yara Trinidad Ltd

LIST OF ABBREVIATIONS USED			
Units		Products	
BBLs	- 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	NH3	- 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		
SMRB	SKA Mento Reggae JV Block		

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	59,280
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	59,254
May-19	190	7,339	15,328	10,178	6,621	816	448	1,221	207	1,278	7	9	610	232	529	69	58	4,339	9,581	18,942	40,119	59,060
Jun-19	137	7,216	15,697	10,064	6,642	738	408	1,131	217	1,248	6	9	550	228	557	66	56	4,992	9,548	18,763	40,747	59,510
Jul-19	172	6,235	15,171	10,023	6,904	825	513	1,220	216	1,186	9	9	586	223	535	57	55	4,542	11,400	19,146	40,736	59,881
Aug-19	162	6,656	14,921	9,729	6,017	692	442	1,211	210	1,184	8	13	588	250	500	51	54	2,618	10,602	17,715	38,192	55,907
Sep-19	130	5,861	15,899	9,771	6,286	808	440	1,189	228	1,041	18	15	573	212	485	50	57	4,729	10,380	18,158	40,013	58,172
Oct-19	150	6,054	16,606	9,959	6,771	742	412	1,211	200	926	11	13	575	214	331	51	77	4,753	10,611	18,568	41,101	59,668
Nov-19	94	5,612	17,488	10,142	6,189	704	371	1,193	195	929	6	25	576	232	503	62	68	4,078	11,076	18,264	41,277	59,541
Dec-19	125	5,712	17,210	10,131	6,331	648	487	1,192	174	875	8	22	587	256	470	67	46	3,181	10,358	18,385	39,495	57,880
AVG 2019	175	6,692	15,496	9,967	6,624	782	462	1,205	210	1,148	9	15	484	229	519	59	63	4,338	10,375	18,709	40,142	58,851

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

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

TABLE 1B - CONDENSATE PRODUCTION (ONLY) IN 2019 (BOPD)							
	BPTT	SHELL ECMA	SHELL CB	DENOVO	EOG	NGC	TOTAL
Jan-19	6,216	317	689	198	1,302	121	8,843
Feb-19	7,989	227	633	277	1,280	160	10,566
Mar-19	8,095	158	611	232	1,192	107	10,395
Apr-19	6,583	238	393	440	1,344	64	9,062
May-19	7,018	190	529	610	1,278	46	9,671
Jun-19	6,905	137	557	550	1,248	62	9,459
Jul-19	6,235	172	535	586	1,186	106	8,820
Aug-19	6,656	162	500	588	1,184	71	9,161
Sep-19	5,861	130	485	573	1,041	100	8,190
Oct-19	6,054	155	331	575	926	52	8,093
Nov-19	5,612	94	503	576	929	71	7,785
Dec-19	5,700	125	470	587	875	109	7,866
AVG 2019	6,569	175	519	484	1,148	89	8,984

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

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

TABLE 2A - DRILLING RIGS IN USE IN 2019									
	MARINE				LAND				
	SHELL	BPTT	BHP	EOG	LOL	HPCL (Land)	CEBL	PRIMERA	HPCL (LO)
Jan-19	RG VI	REXL II	-	-	-	-	-	-	NABI RIG 8, TOMS RIG 14, WSL RIG # 80
Feb-19	RG VI	REXL II	DEEP INV	-	-	-	-	-	TOMS RIG 14
Mar-19	RG VI	REXL II & JOEDOUG	DEEP INV	-	-	-	-	-	WSL RIG # 4
Apr-19	-	REXL II & JOEDOUG	DEEP INV	-	-	-	-	-	WSL RIG #4 & PCSL RIG #8
May-19	-	REXL II & JOEDOUG	DEEP INV	-	WSL RIG #80	-	-	-	-
Jun-19	-	REXL II & JOEDOUG	DEEP INV	-	WSL RIG #80	WSL RIG # 4	-	-	-
Jul-19	-	REXL II & JOEDOUG	-	RALCOFF	WSL RIG #80	WSL RIG # 4	-	-	WSL RIG # 2 & PCSL RIG #8
Aug-19	-	REXL II & JOEDOUG	DEEP INV	RALCOFF	-	WSL RIG # 4 & RIGTECH 7	-	WSL RIG #80	WSL RIG # 2 & PCSL RIG #8
Sep-19	-	JOEDOUG	DEEP INV	RALCOFF	-	WSL RIG # 4	-	WSL RIG #80	WSL RIG # 2
Oct-19	-	JOEDOUG	DEEP INV	RALCOFF	-	WSL RIG # 4	-	WSL RIG #80	WSL RIG # 2
Nov-19	-	JOEDOUG	-	RALCOFF	-	WSL RIG # 4	TALON-38	WSL RIG #80 &EICL RIG #14	WSL RIG # 2 & PCSL RIG #8
Dec-19	-	-	-	RALCOFF	-	WSL RIG # 4	TALON-38	WSL RIG # 80	PCSL RIG # 8



TABLE 2B - RIG DAYS IN 2019										
	EOG	BPTT	CEBL	HPCL (LO)	LOL	SHELL	BHP	HPCL (LAND)	PRIMERA	TOTAL
Jan-19	0	31	0	30	0	31	0	0	0	92
Feb-19	0	28	0	8	0	28	1	0	0	65
Mar-19	0	56	0	17	0	28	31	0	0	132
Apr-19	0	60	0	31	0	0	30	0	0	121
May-19	0	62	0	0	27	0	31	0	0	120
Jun-19	0	53	0	0	30	0	19	14	0	116
Jul-19	20	38	0	14	14	0	0	23	0	109
Aug-19	29	22	0	37	0	0	10	35	25	158
Sep-19	28	25	0	25	0	0	30	26	11	145
Oct-19	26	31	0	19	0	0	13	27	27	143
Nov-19	18	30	27	34	0	0	0	4	40	153
Dec-19	31	0	31	7	0	0	0	8	14	91
<b>TOTAL</b>	<b>152</b>	<b>436</b>	<b>58</b>	<b>222</b>	<b>71</b>	<b>87</b>	<b>165</b>	<b>137</b>	<b>117</b>	<b>1,445</b>

TABLE 2C - DEPTH DRILLED IN 2019 (FT)										
	EOG	HPCL (LO)	CEBL	LOL	BPTT	BHP	SHELL	HPCL (LAND)	PRIMERA	TOTAL
Jan-19	0	2	0	0	9,477	0	11,799	0	0	21,278
Feb-19	0	0	0	0	0	9,220	701	0	0	9,921
Mar-19	0	6,206	0	0	15,172	19,714	471	0	0	41,563
Apr-19	0	9,949	0	0	15,984	3,558	0	0	0	29,491
May-19	0	0	0	4,849	0	6,598	0	0	0	11,447
Jun-19	0	0	0	1,133	0	1,282	0	2,940	0	5,355
Jul-19	11,495	2,988	0	1,480	7,562	0	0	3,880	0	27,405
Aug-19	4,174	8,348	0	0	0	21,666	0	2,975	8,119	45,282
Sep-19	0	4,632	0	0	9,035	5,652	0	3,347	441	23,107
Oct-19	19,521	5,570	0	0	10,522	3,461	0	3,547	3,927	46,548
Nov-19	10,639	8,537	2,365	0	1,542	0	0	0	2,175	25,258
Dec-19	9,711	936	2,269	0	0	0	0	1,633	248	14,797
<b>TOTAL</b>	<b>55,540</b>	<b>47,168</b>	<b>4,634</b>	<b>7,462</b>	<b>69,294</b>	<b>71,151</b>	<b>12,971</b>	<b>18,322</b>	<b>14,910</b>	<b>301,452</b>

TABLE 2D - WELLS STARTED IN 2019								
COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDDED	DATE COMPLETED	TD (ft)	ATD (ft)
BHP	ANGELIN	ANG1-ANG1-02	REXL II	DEV	5-Jan-19	9-Jul-19	9,477	9,490
SHELL	DOLPHIN	DOL-DOA-18	RG VI	DEV	8-Jan-19	29-Mar-19	12,500	12,594
BHP	B23A	B23A-NOP-TUK_1	DEEP INV	EXP ( A 2c)	28-Feb-19	20-May-19	14,800	14,732
BHP	BTD14	BTD14-NOP-HI-HAT_1	DEEP INV	EXP ( A 2c)	5-Mar-19	19-Jun-19	12,482	12,440
BHP	B23A	B23A-NOP-BELE_1ST2	DEEP INV	EXP ( A 2c)	3-Mar-19	24-Apr-19	13,065	13,100
BPTT	ANGELIN	ANGI-ANGI-03	REXL II	DEV	4-Mar-19	9-Apr-19	7,914	7,967
BPTT	CASHIMA	CAS2-CAA2-09ST1	JOEDOUG	DEV	7-Mar-19	8-Aug-19	13,353	12,981
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1802	WSL RIG # 4	DEV	14-Mar-19	14-May-19	2,750	2,750
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1803	WSL RIG # 4	DEV	21-Mar-19	14-May-19	2,800	2,800
HPCL (LO) (LOL)	FOREST RESERVE	FOR -LAND-1804	WSL RIG # 4	DEV	30-Mar-19	31-May-19	2,850	2,850
HPCL (LO) (LOL)	FOREST RESERVE	FOR-LAND-1805	WSL RIG #4	DEV	6-Apr-19	31-May-19	2,505	2,500
HPCL (LO) (LOL)	PALO SECO	PAS-LAND-1514	PCSL RIG #8	DEV	7-Apr-19	2-Jun-19	5,250	5,150
BPTT	ANGELIN	ANGI-ANGI-04	REXL II	DEV	13-Apr-19	23-Jun-19	9,889	10,578
LOL	RIO CLARO BLOCK	RCB-LAND -BARAKAT_ ST1	WSL RIG #80	EXP( A 2b)	5-May-19	-	7,462	9,376
HPCL (LAND)	POINT FORTIN CENTRAL	PFC-LAND-466	WSL RIG #4	DEV	15-Jun-19	23-Jul-19	2,940	2,917
HPCL (LAND)	POINT FORTIN EAST	PFE-LAND-227	WSL RIG #4	DEV	2-Jul-19	26-Aug-19	3,880	3,873
EOG	OSPREY	OSP-OSA-OSP_10	RALCOFF	EXPL( A 2a)	12-Jul-19	-	11,495	11,377
BPTT	ANGELIN	ANG1-ANG1-05	REXL II	DEV	14-Jul-19	16-Aug-19	7,562	7,401
HPCL(LOL)(OSL)	PALO SECO	PAS-LAND-606	WSL RIG #2	DEV	19-Jul-19	24-Oct-19	2,850	2,850
HPCL(LOL)(PCSL)	PALO SECO	PAS-LAND-1515	PCSL RIG#8	DEV	31-Jul-19	-	5,298	3,580
HPCL (LAND)	FOREST RESERVE	FOR-LAND-1806ST1	WSL RIG#4	DEV	1-Aug-19	6-Sep-19	2,936	3,921
EOG	OSPREY	OSP-OSA-OSP-03XXXST1	RALCOFF	DEV	4-Aug-19	1-Oct-19	11,050	11,040
HPCL(LOL)(OSL)	FOREST RESERVE	FOR-LAND-1807	WSL RIG #2	DEV	7-Aug-19	17-Dec-19	3,038	3,050
HPCL(LOL)(OSL)	PALO SECO	PAS-LAND-607	WSL RIG #2	DEV	25-Aug-19	22-Oct-19	6,100	6,100
BHP	BTD14	BTD14-NOP-BOOM_1	DEEP INV	EXPL A2.c	22-Aug-19	27-Sep-19	16,518	16,512
BHP	BTD14	BTD14-NOP-CARNIVAL_1	DEEP INV	EXPL A2.c	25-Aug-19	13-Oct-19	14,261	14,154
PRIMERA	ORTOIRE BLOCK	ORB-LAND-COHO_1	WSL RIG #80	EXPL A2.c	7-Aug-19	18-Nov-19	8,560	8,545
BPTT	EAST MAYARO	EAM1-NOP-GINGER_1ST1	JOEDOUG	EXPL A2.c	6-Sep-19	6-Oct-19	9,035	8,900
HPCL (LAND)	PT FORTIN CENTRAL	PFC-LAND-467	WSL RIG#4	DEV	11-Sep-19	5-Nov-19	3,906	4,385
HPCL(LOL)(OSL)	FOREST RESERVE	FOR-LAND-1808	WSL RIG #2	DEV	30-Sep-19	22-Dec-19	1,775	1,775

TABLE 2D - WELLS STARTED IN 2019								
COMPANY/OPERATOR	FIELD/BLOCK	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE SPUDDERED	DATE COMPLETED	TD (ft)	ATD (ft)
BPTT	EAST MAYARO	EAM1-NOP-GINGER_1STX	JOEDOUG	EXPL A2.c	6-Oct-19	30-Nov-19	15,545	16,650
EOG	OSPREY	BUA-NOP-OSPREY_EAST_1	RALCOFF	A.2c	5-Oct-19	25-Oct-19	12,000	11,000
EOG	OSPREY	BUA-NOP-OSPREY_EAST_1X	RALCOFF	A.1	27-Oct-19	2-Nov-19	11,540	11,618
HPCL (LAND)	MACKENZIE	MCK-LAND-95	WSL RIG#4	DEV	14-Oct-19	19-Nov-19	2,988	3,020
HPCL (LO) (OSL)	PALO SECO	PAS-LAND-608	WSL RIG#2	DEV	20-Oct-19	5-Dec-19	5,550	5,550
PRIMERA	ORTOIRE BLOCK	ORB-LAND-CASCADURA_1ST1	WSL RIG#80	EXPL A2.c	4-Oct-19	-	6,350	8,190
HPCL(LOL)(OSL)	PALO SECO	PAS-LAND-609	WSL RIG#2	DEV	10-Nov-19	31-Dec-19	2,850	2,800
HPCL(LOL)(PCSL)	PALO SECO	PAS-LAND-1516	PCSL RIG#8	DEV	17-Nov-19	-	5,298	5,200
EOG	OSPREY	BUA-NOP-OSPREY_EAST_1XX	RALPH COFFMAN	EXPL A.1	6-Nov-19	13-Nov-19	7,934	14,812
EOG	SMRB	SMR-NOP-MENTO_1	RALPH COFFMAN	EXPL A2.c	23-Nov-19	31-Dec-19	14,756	14,811
CEBL	BONASSE	BON-LAND-14	TALON 38	EXPL A.1	4-Nov-19	-	4,634	4,600
HPCL (LAND)	FOREST RESERVE	FOR -LAND-1809	WSL RIG # 4	DEV	24-Dec-19	-	1,633	5,152

TABLE 2E - WELL COMPLETIONS IN 2019															
	WELL COMPLETIONS - OIL				WELL COMPLETIONS - GAS					WELL COMPLETIONS - OTHER*					TOTAL COMPLETIONS
	HPCL (LO)	HPCL (IPSC)	HPCL (Land)	TOTAL OIL	BPTT	PRIM	SHELL	EOG	TOTAL GAS	BHP	HPCL (Land)	BPTT	EOG	TOTAL OTHER	
Jan-19	2	0	0	2	1	0	2	0	3	0	0	0	0	0	5
Feb-19	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Mar-19	2	0	0	2	0	0	1	0	1	0	0	0	0	0	3
Apr-19	1	0	0	1	1	0	0	0	1	1	0	0	0	1	3
May-19	4	0	0	4	0	0	0	0	0	1	0	0	0	1	5
Jun-19	1	0	0	1	1	0	0	0	1	1	0	0	0	1	3
Jul-19	0	1	1	2	1	0	0	0	1	0	0	0	0	0	3
Aug-19	0	0	1	1	2	0	0	0	2	0	0	0	0	0	3
Sep-19	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2
Oct-19	2	0	0	2	0	0	0	1	1	1	0	1	1	3	6
Nov-19	0	0	1	1	0	1	0	0	1	0	1	1	2	4	6
Dec-19	4	0	0	4	0	0	0	0	0	0	0	0	1	1	5
TOTAL	17	1	3	21	6	1	3	1	11	5	2	2	4	13	45

\*NOTE: Includes Abandonments.



TABLE 2F - MEEI APPROVED WORKOVERS COMPLETED AND WINCH HOURS IN 2019									
	PERENCO	HPCL (Land)	HPCL (IPSC)	HPCL (LO)	HPCL (OFFSHORE)	TRINITY	BPTT	TOTAL WORKOVERS COMPLETED	TOTAL WINCH HOURS
Jan-19	3	0	0	1	0	0	0	4	820
Feb-19	2	0	0	2	0	0	1	5	1,846
Mar-19	0	0	0	7	0	0	3	10	1,512
Apr-19	0	0	0	2	0	0	1	3	437
May-19	1	0	0	3	0	0	0	4	1,137
Jun-19	1	0	0	13	0	0	0	14	1,655
Jul-19	1	2	1	7	0	0	0	11	2,479
Aug-19	0	1	0	8	0	0	1	10	403
Sep-19	1	0	0	7	1	0	0	9	1,677
Oct-19	0	2	0	6	1	1	0	10	1,708
Nov-19	0	2	1	9	0	0	1	13	1,988
Dec-19	0	3	0	5	0	0	1	9	1,663
<b>TOTAL</b>	<b>9</b>	<b>10</b>	<b>2</b>	<b>70</b>	<b>2</b>	<b>1</b>	<b>8</b>	<b>102</b>	<b>17,325</b>

TABLE 3A - NATURAL GAS PRODUCTION BY COMPANY IN 2019 (MMSCF/D)													
COMPANY	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	AVG 2019
BPTT	1,927	2,124	2,150	1,604	1,917	1,706	1,970	1,969	1,856	1,944	1,892	1,839	<b>1,908</b>
HPCL (Offshore)	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>
HPCL (Land)	1	1	2	2	2	2	2	2	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
EOG	448	494	488	489	486	493	458	489	458	428	438	416	<b>465</b>
SHELL	699	759	625	649	717	686	728	775	<b>617</b>	<b>737</b>	<b>647</b>	<b>695</b>	<b>695</b>
BHP	449	450	454		446	475	421	319	412	442	285	326	<b>409</b>
PERENCO	15	14	15	24	25	15	20	21	22	19	19	19	<b>19</b>
DENOVO	69	82	80	81	83	83	82	83	81	81	83	84	<b>81</b>
TOTAL	<b>3,617</b>	<b>3,932</b>	<b>3,821</b>	<b>3,284</b>	<b>3,684</b>	<b>3,468</b>	<b>3,691</b>	<b>3,666</b>	<b>3,458</b>	<b>3,664</b>	<b>3,375</b>	<b>3,391</b>	<b>3,588</b>

TABLE 3B - NATURAL GAS UTILIZATION BY SECTOR IN 2019 (MMSCF/D)													
SECTOR	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	AVG 2019
Power Generation	226	261	240	249	287	250	259	256	263	259	258	242	<b>254</b>
Ammonia Manufacture	607	606	593	567	582	542	557	567	570	537	491	389	<b>551</b>
Methanol Manufacture	494	587	531	502	513	581	569	570	573	519	558	564	<b>547</b>
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Iron & Steel Manufacture	54	46	49	51	50	31	29	52	46	53	49	53	<b>47</b>
Cement Manufacture	8	11	12	15	12	16	5	9	15	14	13	11	<b>12</b>
Ammonia Derivatives	22	21	22	23	23	22	20	22	14	15	22	84	<b>26</b>
Gas Processing	22	24	24	24	24	24	24	24	24	24	24	19	<b>23</b>
Small Consumers	8	7	6	8	8	8	8	8	8	8	8	12	<b>8</b>
LNG	2,018	2,204	2,179	1,724	2,025	1,814	2,079	2,089	<b>1,768</b>	<b>2,035</b>	<b>1,871</b>	<b>1,853</b>	<b>1,972</b>
TOTAL	<b>3,459</b>	<b>3,769</b>	<b>3,656</b>	<b>3,162</b>	<b>3,522</b>	<b>3,288</b>	<b>3,550</b>	<b>3,598</b>	<b>3,281</b>	<b>3,463</b>	<b>3,294</b>	<b>3,227</b>	<b>3,439</b>

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 2019 (BBLs)														
CRUDE TYPE	COUNTRY	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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL		-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4B - CRUDE OIL EXPORTS IN 2019 (BBLs)														
CRUDE TYPE		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
BPTT	Galeota Mix	773,491	380,307	760,596	381,545	760,730	380,099	380,286	771,289	380,044	380,550	380,154	760,785	6,489,876
BHP	Calypso Crude	360,604	-	360,562	-	-	500,603	-	-	-	360,899	-	-	1,582,668
HPCL	Molo Crude	477,688	997,357	1,034,821	1,039,070	1,500,098	498,456	1,597,504	995,840	1,572,075	1,006,888	999,169	1,506,842	13,225,808
TOTAL		1,611,783	1,377,664	2,155,979	1,420,615	2,260,828	1,379,158	1,977,790	1,767,129	1,952,119	1,748,337	1,379,323	2,267,627	21,298,352

TABLE 4C - CRUDE OIL REFINERY SALES IN 2019 (BBLs)													
LOCAL SALES (BBLs)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Liquefied Petroleum Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
Motor Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-	-	-	-	-	-	-	-
Aviation Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-
Kerosine/Jet	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas Oils /Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel Oils	-	-	-	-	-	-	-	-	-	-	-	-	-
Bitumen	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphur	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Refined/Unfinished Prod.	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPORT SALES (BBLs)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Liquefied Petroleum Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
Motor Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-	-	-	-	-	-	-	-
Aviation Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-
Kerosine/Jet	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas Oils /Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel Oils	-	-	-	-	-	-	-	-	-	-	-	-	-
Bitumen	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphur	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Refined/Unfinished Prod.	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4D - CRUDE OIL REFINERY OUTPUT IN 2019 (BBLs)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Liquefied Petroleum Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
Motor Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-
Aviation Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-
Kerosine/Jet	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas Oils / Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel Oils	-	-	-	-	-	-	-	-	-	-	-	-	-
Bitumen	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphur	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Refined/Unfinished Prod.	-	-	-	-	-	-	-	-	-	-	-	-	-
Refinery Loss/(Gain)	-	-	-	-	-	-	-	-	-	-	-	-	-
Refinery Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4E - CRUDE OIL REFINERY THROUGHPUT IN 2019 (BBLs & BOPD)													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	AVG 2019
Throughput (BBLs)	-	-	-	-	-	-	-	-	-	-	-	-	
Throughput (BOPD)	-	-	-	-	-	-	-	-	-	-	-	-	



TABLE 4F - PARIA FUEL TRADING REFINED PRODUCT IMPORTS IN 2019 (LITRES)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Unleaded Gasoline 95	38,096,942	38,064,986	72,218,732	38,156,880	38,313,641	30,248,390	51,366,156	21,124,288	66,037,810	32,833,791	38,378,349	33,321,767	498,161,731
Unleaded Gasoline 92	36,523,289	75,183,680	38,143,207	74,891,144	40,580,955	53,221,375	46,830,893	29,543,648	53,824,720	59,923,327	52,929,793	42,616,147	604,212,179
Jet Fuel/Kerosene	72,532,095	38,111,251	34,404,151	37,759,095	38,200,442	38,193,447	-	58,828,994	36,184,103	38,109,544	38,110,297	38,067,052	468,500,471
Gas Oil/Diesel	38,198,853	85,970,789	76,301,359	38,061,329	75,988,791	118,927,205	43,011,389	87,327,049	93,767,307	79,766,898	94,462,444	96,881,908	928,665,321
Fuel Oil	-	25,506,125	-	7,935,200	16,276,135	1,372,694	16,601,582	11,878,899	11,822,063	11,613,135	-	7,962,387	110,968,221
TOTAL	185,351,178	262,836,831	221,067,449	196,803,648	209,359,964	241,963,110	157,810,019	208,702,880	261,636,004	222,246,695	223,880,883	218,849,262	2,610,507,923

TABLE 4G - PARIA FUEL TRADING REFINED PRODUCT LOCAL SALES IN 2019 (LITRES)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Unleaded Gasoline 95	5,486,542	6,351,606	7,660,770	7,780,315	8,816,841	7,988,652	9,361,950	8,318,856	9,141,156	8,974,292	9,001,973	10,519,210	99,402,162
Unleaded Gasoline 92	47,536,208	50,737,677	49,569,839	47,180,591	49,686,492	46,085,647	51,562,664	48,881,132	45,462,968	49,983,012	49,086,115	49,596,749	585,369,095
Jet Fuel	13,001,687	12,864,217	13,811,790	12,319,097	13,100,916	12,658,194	13,087,333	14,159,428	12,296,502	13,059,484	11,942,957	13,014,455	155,316,060
Kerosene	1,145,291	1,366,429	1,474,259	1,429,323	1,718,724	1,598,164	1,408,148	1,490,674	1,114,991	1,745,655	1,553,047	1,300,244	17,344,948
Gas Oil/Diesel	37,690,013	39,663,379	42,343,990	40,514,905	42,344,079	37,857,078	42,742,383	39,812,955	42,820,330	40,803,460	40,880,816	38,976,421	486,449,808
Fuel Oil	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	104,859,741	110,983,308	114,860,648	109,224,231	115,667,053	106,187,735	118,162,478	112,663,044	110,835,946	114,565,903	112,464,908	113,407,079	1,343,882,074

TABLE 4H - PARIA FUEL TRADING REFINED PRODUCT EXPORTS IN 2019 (LITRES)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Unleaded Gasoline 95	37,169,094	26,835,098	36,034,562	22,569,318	41,038,837	27,314,285	30,643,790	35,728,831	25,680,693	33,268,348	36,304,840	33,465,969	386,053,663
Unleaded Gasoline 92	4,071,021	1,576,356	1,594,799	3,218,692	2,479,879	2,558,578	5,588,711	3,512,818	2,548,562	3,727,132	3,654,475	5,818,924	40,349,947
Jet Fuel/Kerosene	28,790,161	50,863,280	9,255,033	6,461,232	19,530,599	23,086,820	22,595,709	26,101,703	6,749,793	38,551,168	25,082,266	26,832,713	283,900,478
Gas Oil/Diesel	21,224,447	17,862,666	16,602,218	20,499,466	26,421,413	27,541,636	31,699,464	35,669,846	24,296,711	24,778,442	37,641,444	49,014,261	333,252,015
Fuel Oil	1,613,082	333,396	1,256,633	248,815	5,940,390	922,920	2,626,942	5,159,923	1,284,933	1,549,487	2,753,178	2,293,387	25,983,086
TOTAL	92,867,804	97,470,796	64,743,245	52,997,522	95,411,119	81,424,238	93,154,617	106,173,121	60,560,692	101,874,577	105,436,204	117,425,254	1,069,539,189

TABLE 5A - PRODUCTION, IMPORT AND EXPORT OF NGLS FROM PPGPL IN 2019 (BBLS)													
PRODUCTION (BBLS)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Propane	232,739	241,923	255,055	214,876	232,269	214,640	322,479	217,910	198,198	195,734	200,944	208,033	2,734,800
Butane	200,214	212,383	224,190	183,833	201,272	187,413	197,174	192,812	176,177	177,628	181,047	183,933	2,318,076
Natural Gasoline	287,189	304,261	321,334	264,829	300,794	274,931	321,210	293,630	269,144	276,426	284,690	278,692	3,477,130
TOTAL	720,142	758,567	800,579	663,538	734,335	676,984	840,863	704,352	643,519	649,788	666,681	670,658	8,530,006
EXPORT (BBLS)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Propane	252,439	96,263	226,076	256,891	200,296	177,460	174,340	317,606	75,783	367,617	83,198	178,700	2,406,669
Butane	158,299	188,341	230,304	219,518	168,300	179,510	126,981	165,426	127,073	230,487	46,610	120,226	1,961,075
Natural Gasoline	623,167	0	624,914	0	316,085	622,417	311,597	304,113	0	322,208	315,527	311,156	3,751,184
TOTAL	1,033,905	284,604	1,081,294	476,409	684,681	979,387	612,918	787,145	202,856	920,312	445,335	610,082	8,118,928

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

TABLE 5B - PRODUCTION AND EXPORT OF AMMONIA IN 2019 (MT)													
PRODUCTION (MT)													
PLANT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
YARA	20,735	17,752	26,470	25,202	23,999	22,936	24,098	11,972	23,373	18,228	25,293	1,906	241,964
TRINGEN I	40,496	36,116	36,697	12,531	44,423	33,559	41,863	38,522	40,679	38,779	39,567	43,814	447,046
TRINGEN II	49,074	40,914	47,605	45,377	45,904	38,906	30,110	30,632	37,739	46,776	38,901	46,508	498,446
NUTRIEN (1,2,3,4)	179,400	160,117	167,995	170,383	172,804	172,222	153,145	176,123	141,876	111,888	85,256	68,265	1,759,473
PLNL	60,888	54,268	61,558	50,544	54,764	57,383	59,647	56,877	57,934	60,429	56,967	15,978	647,237
CNC	55,180	46,837	52,879	54,030	56,133	45,525	58,023	59,817	56,540	59,205	56,215	52,808	653,192
N2000	57,737	48,102	57,088	54,116	43,548	53,131	55,591	56,151	55,339	58,983	56,398	58,479	654,663
AUM-NH3	58,112	52,523	57,988	46,194	42,941	0	30,471	36,657	53,825	56,971	49,798	56,837	542,317
TOTAL	521,622	456,629	508,280	458,377	484,516	423,662	452,948	466,751	467,305	451,259	408,395	344,595	5,444,338
EXPORT (MT)													
PLANT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
YARA	42,906	0	34,509	24,001	19,509	36,950	8,552	22,004	24,664	2,499	37,255	6,078	258,927
TRINGEN I	37,266	35,683	16,006	20,701	48,804	25,345	42,955	39,006	32,007	41,203	49,507	28,480	416,963
TRINGEN II	41,741	50,653	45,725	49,241	31,745	52,753	35,025	25,003	27,293	53,211	32,782	42,634	487,806
NUTRIEN (1,2,3,4)	124,488	147,608	141,970	135,079	101,454	157,441	139,771	147,043	115,419	69,274	66,417	57,026	1,402,990
PLNL	60,734	87,072	48,695	75,634	53,840	39,306	25,271	87,247	62,757	61,605	40,236	25,306	667,703
CNC	51,009	60,309	50,271	40,003	70,008	57,504	49,786	92,003	21,507	58,002	51,005	83,000	684,407
N2000	49,302	67,666	32,000	38,991	50,002	15,000	26,003	64,421	31,200	46,039	72,302	80,075	573,001
AUM-NH3	0	0	20,603	0	0	0	0	0	23,000	28,000	0	0	71,603
TOTAL	407,446	448,991	389,779	383,650	375,362	384,299	327,363	476,727	337,847	359,833	349,504	322,599	4,563,399

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

NOTE: The production figures seen for AUM-NH3 are the gross values; NOT the net values as previously presented.

TABLE 5C - PRODUCTION AND EXPORT OF DOWNSTREAM AMMONIA PRODUCTS IN 2019 (MT)													
PRODUCTION (MT)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Urea	60,966	52,314	63,540	58,874	62,790	61,124	46,923	58,581	57,616	21,250	54,731	60,830	659,538
UAN	134,882	117,632	135,058	127,345	130,729	122,550	130,264	122,793	26,385	80,006	127,259	131,180	1,386,083
Melamine	2,686	2,244	2,321	2,659	2,748	2,175	2,659	2,395	364	1,305	1,552	2,259	25,367
TOTAL	198,534	172,190	200,919	188,878	196,267	185,849	179,846	183,769	84,365	102,561	183,542	194,269	2,070,988
EXPORT (MT)													
PRODUCT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Urea	25,514	53,552	66,237	57,408	68,647	67,351	49,716	44,408	69,017	0	40,095	100,518	642,462
UAN	139,552	116,285	139,090	103,522	168,835	120,262	115,163	149,503	75,017	34,485	115,035	178,973	1,455,722
Melamine	3,071	1,980	2,320	2,722	2,740	2,000	2,812	2,500	1,340	342	1,000	2,080	24,907
TOTAL	168,137	171,817	207,647	163,652	240,222	189,613	167,691	196,411	145,374	34,827	156,130	281,571	2,123,091

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

TABLE 5D - PRODUCTION AND EXPORT OF METHANOL IN 2019 (MT)													
PRODUCTION (MT)													
PLANT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
TTMC I	0	0	0	0	0	0	0	0	0	0	0	0	0
CMC	43,762	41,761	40,992	45,315	34,762	37,231	31,308	41,279	44,288	45,457	39,040	46,838	492,033
TTMC II	49,246	45,594	50,789	43,769	47,201	42,775	43,851	44,150	46,903	50,497	48,098	46,774	559,648
MIV	53,173	48,959	52,083	36,366	53,707	45,407	45,442	50,876	48,398	53,012	36,793	47,929	572,145
TITAN	70,262	64,118	22,882	6,670	72,683	73,815	72,121	66,638	68,165	71,575	67,692	64,596	721,217
ATLAS	150,526	132,322	148,278	140,856	83,842	141,819	145,532	143,182	134,778	138,098	130,920	130,884	1,621,037
M5000	57,306	143,743	160,048	159,413	161,355	155,154	159,993	153,569	149,794	90,830	154,590	159,942	1,705,736
TOTAL	424,275	476,498	475,071	432,389	453,551	496,201	498,246	499,693	492,325	449,470	477,133	496,963	5,671,815
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	-	-	-	-	-	-	-	-	-	-	-	-	0
CMC	44,266	58,126	40,400	43,229	32,500	42,400	29,311	47,905	14,000	36,281	59,189	63,296	510,902
TTMC II	60,140	46,907	53,649	28,325	32,969	48,725	49,720	38,413	28,725	40,051	60,833	41,745	530,203
MIV	51,200	74,100	43,207	20,265	41,217	36,188	51,981	36,311	89,349	34,261	53,131	55,613	586,823
TITAN	67,185	56,470	26,377	31,914	73,444	37,148	74,980	85,813	76,538	61,375	58,387	73,079	722,710
ATLAS	166,511	107,625	158,011	156,509	93,644	132,094	122,616	146,808	148,820	114,420	157,193	127,707	1,631,958
M5000	129,347	132,453	125,581	152,622	167,056	169,788	154,738	129,416	198,989	126,046	121,930	131,400	1,739,365
TOTAL	518,648	475,681	447,225	432,865	440,829	466,343	483,347	484,665	556,422	412,434	510,663	492,840	5,721,961

NOTE: Combined Exports for TTMC I & TTMC II are reported under TTMC II

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



TABLE 5E (I) - PRODUCTION OF LNG FROM ALNG IN 2019 (M <sup>3</sup> )													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	522,746	499,940	545,035	493,338	548,083	419,888	446,786	470,648	443,135	333,813	53,739	417,116	5,194,267
Train 2	684,242	613,730	642,745	585,591	619,344	440,981	593,609	633,262	405,255	664,179	636,879	620,190	7,140,007
Train 3	387,963	495,497	590,207	349,012	441,347	546,836	660,147	640,661	570,422	658,213	660,619	625,432	6,626,356
Train 4	899,505	864,235	932,329	615,324	912,312	758,700	871,136	837,661	736,923	896,702	920,800	675,982	9,921,609
TOTAL	2,494,456	2,473,402	2,710,316	2,043,265	2,521,086	2,166,405	2,571,678	2,582,232	2,155,735	2,552,907	2,272,037	2,338,720	28,882,239

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	12,343,048	9,447,186	10,068,680	10,591,321	9,958,130	7,473,138	1,152,444	9,518,087	116,967,007
Train 2	15,300,199	13,746,938	14,356,159	13,114,955	13,114,955	9,846,400	13,272,622	14,164,298	9,036,984	14,889,432	14,248,002	13,769,955	158,860,898
Train 3	8,685,677	11,110,777	13,226,539	7,751,103	9,867,548	12,276,906	14,794,422	14,365,029	12,833,411	14,787,677	14,814,051	14,016,431	148,529,571
Train 4	20,084,238	19,294,997	20,876,152	13,793,841	20,410,153	16,960,966	19,458,216	18,670,961	16,424,466	20,001,835	20,630,708	15,044,993	221,651,527
TOTAL	55,839,165	55,418,610	60,719,085	45,779,688	55,735,704	48,531,458	57,593,940	57,791,609	48,252,991	57,152,082	50,845,205	52,349,466	646,009,003

\*\* NOTE : M<sup>3</sup> converted to MMBTU ; conversion factors vary by train & by month.

TABLE 5F (I) - LNG SALES & DELIVERIES FROM ALNG IN 2019 (MMBTU)													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	12,419,475	16,215,408	17,218,021	14,181,648	13,689,103	6,804,658	12,551,600	12,657,203	7,211,147	9,177,145	0	6,449,388	128,574,796
Train 2	13,083,524	9,150,611	11,181,215	7,633,735	16,858,558	13,794,357	10,108,968	15,576,937	10,635,736	12,195,328	13,507,569	16,599,210	150,325,748
Train 3	13,912,324	3,961,665	14,865,841	9,954,236	13,356,924	12,223,209	10,653,083	14,134,484	12,766,923	11,294,487	17,854,070	13,700,526	148,677,772
Train 4	16,737,444	23,317,736	12,233,791	16,580,184	10,720,406	19,206,039	17,792,091	23,783,699	17,675,381	19,695,967	19,236,811	18,675,976	215,655,525
TOTAL	56,152,767	52,645,420	55,498,868	48,349,803	54,624,991	52,028,263	51,105,742	66,152,323	48,289,187	52,362,927	50,598,450	55,425,100	643,233,841

TABLE 5F (II) - LNG SALES & DELIVERIES FROM ALNG IN 2019 (M <sup>3</sup> )***													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	551,636	719,581	765,436	629,180	607,853	302,439	556,963	562,450	320,895	409,928	0	282,635	5,708,996
Train 2	585,110	408,528	500,598	340,851	753,233	617,784	452,117	696,419	476,950	544,002	603,782	747,618	6,726,991
Train 3	621,422	176,675	663,357	448,213	597,417	544,444	475,355	630,379	567,467	502,728	796,186	611,336	6,634,979
Train 4	749,613	1,044,416	546,361	739,619	479,191	859,127	796,544	1,067,041	793,048	882,990	858,587	839,125	9,655,662
TOTAL	2,507,781	2,349,200	2,475,753	2,157,863	2,437,694	2,323,793	2,280,979	2,956,289	2,158,359	2,339,648	2,258,555	2,480,714	28,726,627

\*\*\* NOTE : MMBTU converted to M<sup>3</sup> ; conversion factors vary by train & by month. Figures in **RED/Italics** are preliminary.

TABLE 5G - NGL SALES & DELIVERIES FROM ALNG IN 2019 (BBLs)													
NGL SALES AND DELIVERIES (BBLs)													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
Train 1	84,391	84,714	99,701	92,934	93,798	74,908	66,068	70,754	69,416	49,823	6,515	71,379	864,401
Train 2	40,382	36,834	39,864	41,042	39,995	27,472	35,890	36,968	22,189	34,290	41,370	60,209	456,505
Train 3	62,245	85,692	96,235	64,144	74,848	98,420	116,934	101,725	85,725	97,989	111,319	97,095	1,092,371
Train 4	171,276	169,341	184,367	132,165	177,392	154,861	170,381	167,706	145,675	162,758	188,289	114,050	1,938,261
TOTAL	358,294	376,581	420,167	330,285	386,033	355,661	389,273	377,153	323,005	344,860	347,493	342,733	4,351,538

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.