



*Government of the Republic of Trinidad and Tobago*

***MINISTRY OF ENERGY & ENERGY AFFAIRS***



**CONSOLIDATED  
MONTHLY BULLETINS  
2010**

**VOL 47. Nos. 1-7**



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## LIST OF ABBREVIATIONS USED

### 1) Company and Facility Names

<b>ALNG</b>	- <i>Atlantic LNG Company of Trinidad and Tobago Ltd</i>	<b>NHETT</b>	- <i>New Horizon Energy Trinidad and Tobago Ltd</i>
<b>ATLAS</b>	- <i>Atlas Methanol Plant</i>	<b>NMERL</b>	- <i>Neal &amp; Massy Energy Resources Trinidad Ltd</i>
<b>AUM-NH3</b>	- <i>Ammonia Plant from AUM Complex</i>	<b>OSL</b>	- <i>Oilbelt Services Ltd</i>
<b>BAYF</b>	- <i>Bayfield Energy (Galeota) Ltd</i>	<b>PCAN</b>	- <i>Petrocanada Trinidad and Tobago Ltd</i>
<b>BG</b>	- <i>British Gas Trinidad and Tobago Limited</i>	<b>PCS 1,02,03,04</b>	- <i>PCS Nitrogen Ammonia Plants 1, 2, 3, 4</i>
<b>BGCB</b>	- <i>British Gas Central Block</i> <i>(formerly Vermilion Oil and Gas Trinidad Limited)</i>	<b>PCS (Urea)</b>	- <i>PCS Nitrogen Urea Plant</i>
<b>BHP</b>	- <i>BHP Billiton (Trinidad 2c) Limited</i>	<b>PTRIN</b>	- <i>Petroleum Company of Trinidad and Tobago Ltd</i>
<b>BPTT</b>	- <i>BP Trinidad and Tobago LLC</i>	<b>PLNL</b>	- <i>Point Lisas Nitrogen Ltd</i> <i>(formerly Farmland MissChem Ltd)</i>
<b>CANSUP</b>	- <i>Canadian Superior Energy Inc</i>	<b>POMS</b>	- <i>Primera Oilfield Management Services</i>
<b>CDTO</b>	- <i>Cliffs Drilling Trinidad Offshore Ltd</i>	<b>PPGPL</b>	- <i>Phoenix Park Gas Processors Ltd</i>
<b>CMC (M2)</b>	- <i>Caribbean Methanol Company Ltd (&amp; Plant)</i>	<b>PRIM</b>	- <i>Primera Oil and Gas Ltd (formerly PCOL)</i>
<b>CNC</b>	- <i>Caribbean Nitrogen Company Ltd (&amp; Plant)</i>	<b>REPSOL</b>	- <i>Repsol E&amp;P Trinidad and Tobago Ltd</i>
<b>DISSL</b>	- <i>Drilling International Service and Supplies Ltd</i>	<b>TED</b>	- <i>Trinidad Exploration and Development Limited</i>
<b>ECDWSL</b>	- <i>East Coast Drilling and Workover Services Ltd</i>	<b>TENDN</b>	- <i>Ten Degrees North Energy Ltd</i> <i>(formerly Venture Production Trinidad Ltd)</i>
<b>EOG</b>	- <i>EOG Resources Trinidad Ltd</i> <i>(formerly Enron Oil &amp; Gas)</i>	<b>TITAN</b>	- <i>Titan Methanol Plant</i>
<b>GSF</b>	- <i>Global Santa Fe (rig contractor)</i>	<b>TRINGEN I &amp; II</b>	- <i>Trinidad Nitrogen Company Ltd Plants I &amp; II</i>
<b>H &amp; P</b>	- <i>Helmerich &amp; Payne (rig contractor)</i>	<b>TRINMAR</b>	- <i>Petrotrin-Trinmar Strategic Business Unit</i>
<b>LOL</b>	- <i>Lease Operators Ltd</i>	<b>TTMC I (M1)</b>	- <i>Trinidad and Tobago Methanol Company Ltd Plant I</i>
<b>M IV (M4)</b>	- <i>Methanol IV Company Ltd Plant</i>	<b>TTMC II (M3)</b>	- <i>Trinidad and Tobago Methanol Company Ltd Plant II</i>
<b>M5000 (M5)</b>	- <i>M5000 Methanol Plant</i>	<b>WOWSL</b>	- <i>Water &amp; Oilwell Services Company Ltd</i>
<b>MORA</b>	- <i>Mora Oil Ventures Limited</i>	<b>WSL</b>	- <i>Well Services Petroleum Company Limited</i>
<b>N2000</b>	- <i>Nitrogen 2000 Unlimited</i>	<b>YARA</b>	- <i>Yara Trinidad Ltd</i>
<b>NGC</b>	- <i>The National Gas Company of Trinidad &amp; Tobago Ltd</i>		

## LIST OF ABBREVIATIONS USED

### 2) Units

<b>BBLS</b>	- <i>Barrels</i>
<b>BCPD</b>	- <i>Barrels of condensate per day</i>
<b>BOPD</b>	- <i>Barrels of oil per day</i>
<b>BPCD</b>	- <i>Barrels per calendar day</i>
<b>FT</b>	- <i>Feet</i>
<b>M<sup>3</sup></b>	- <i>Cubic Metres</i>
<b>MMBTU</b>	- <i>Millions of British Thermal Units</i>
<b>MMSCF/D</b>	- <i>Millions of Standard Cubic Feet per day</i>
<b>MSCF</b>	- <i>Thousands of Standard Cubic Feet</i>
<b>MMSCF</b>	- <i>Millions of Standard Cubic feet</i>
<b>MT</b>	- <i>Metric Tonnes</i>

### 3) Products

<b>LNG</b>	- <i>Liquefied Natural Gas</i>
<b>LPG</b>	- <i>Liquefied Petroleum Gas</i>
<b>NGLs</b>	- <i>Natural Gas Liquids</i>

### 4) Other

<b>ATD</b>	- <i>Authorised Total Depth</i>
<b>DEV</b>	- <i>Development</i>
<b>ECMA</b>	- <i>East Coast Marine Area</i>
<b>EXPL</b>	- <i>Exploration</i>
<b>FO</b>	- <i>Farmouts</i>
<b>LO</b>	- <i>Lease Operators</i>
<b>NCMA</b>	- <i>North Coast Marine Area</i>
<b>PAP</b>	- <i>Pointe-a-Pierre</i>
<b>TD</b>	- <i>Total Depth</i>
<b>wef</b>	- <i>with effect from</i>
<b>wo</b>	- <i>workover</i>

**Table 1A - Crude Oil & Condensate Production in 2010 (BOPD)**

	BG	REPSOL	BPTT	TRINMAR	BAYF	EOG	BHP	PRIM	PTRIN	TENDN	BGCB	NHETT	NMERL	PTRIN (FO)	PTRIN (LO)	PTRIN (IPSC)	TED	MORA	SUBTOTAL		TOTAL
																			LAND	MARINE	
Jan-10	1,882	14,841	20,838	23,346	686	5,717	14,536	478	14,651	692	1,256	84	190	1,125	4,471	27	23	281	22,306	82,818	105,124
Feb-10	2,174	15,242	20,517	22,324	909	6,537	13,861	517	14,524	773	1,416	94	191	1,209	4,761	30	9	302	22,752	82,640	105,392
Mar-10	2,250	14,667	19,439	21,865	898	7,078	14,290	514	14,176	686	1,351	63	183	1,219	4,954	126	18	304	22,605	81,477	104,081
Apr-10	2,308	14,196	19,622	21,919	925	8,932	10,281	493	14,148	680	1,334	100	180	1,162	5,013	250	14	349	22,695	79,213	101,908
May-10	2,052	14,659	16,799	21,532	962	8,528	12,909	453	14,099	674	1,129	70	184	1,134	5,296	240	10	261	22,615	78,377	100,992
Jun-10	2,041	13,636	18,538	21,654	895	7,906	13,690	431	14,333	610	1,425	74	177	980	4,598	272	5	276	22,294	79,247	101,541
Jul-10	2,052	13,880	18,670	22,676	871	7,432	13,581	452	13,925	674	1,393	79	162	1,084	4,656	299	23	273	22,072	80,110	102,182
Aug-10																					
Sep-10																					
Oct-10																					
Nov-10																					
Dec-10																					
AVG 2010	2,107	14,440	19,186	22,190	877	7,451	13,312	476	14,262	683	1,327	80	181	1,130	4,822	179	15	292	22,473	80,538	103,011

**NOTES**

- 1) Effective March 2008 production from Trintomar is included in EOG production
- 2) Bayfield Energy (Galeota) Ltd began operations wef May 1st 2009 in the Trintes field formerly Petrotrin Galeota.
- 3) Trinmar figures taken from Petrotrin Fiscalised Production
- 4) IPSC - Incremental Production Service Contracts - Under Petrotrin and Started Dec 2009
- 5) Figures in red are preliminary

**Table 1B - Condensate Production (only) in 2010 (BOPD)**

	BG	REPSOL	BPTT	EOG	NGC	TOTAL
Jan-10	1,882	94	20,838	5,717	762	29,292
Feb-10	2,174	105	20,517	6,537	797	30,131
Mar-10	2,250	0	19,439	7,078	757	29,525
Apr-10	2,308	0	19,622	8,932	787	31,650
May-10	2,052	0	16,799	8,528	645	28,024
Jun-10	2,041	0	18,538	7,906	651	29,136
Jul-10	2,052	0	18,670	7,432	732	28,886
Aug-10						
Sep-10						
Oct-10						
Nov-10						
Dec-10						
AVERAGE 2010	2,107	28	19,186	7,451	732	29,504

**NOTES :**

- 1) Effective March 1st 2008, EOG purchased Trintomar.
- 2) NGC - production is condensate rec'd at Beachfield from NGC offshore pipelines
- 3) Figures in red are preliminary

**Table 2A - Drilling & Workover Rigs in Use in 2010**

	MARINE			LAND			
	BPTT	BG NCMA	EOG	PTRIN	PTRIN (LO)	PTRIN (FO)	PRIM
Jan-10	GSF CONST-1	H&P 203	OFFSHORE VIGILANTE	-	-	-	-
Feb-10	GSF CONST-1	H&P 203	OFFSHORE VIGILANTE	-	-	-	-
Mar-10	GSF CONST-1	H&P 203	OFFSHORE VIGILANTE	PTRIN Rig #1	WSL Rig #4	TENDN Rig #5	-
Apr-10	GSF CONST-1	H&P 203	-	PTRIN Rig #1	-	TENDN Rig #5	WSL Rig #4
May-10	GSF CONST-1	-	-	PTRIN Rig #1	-	TENDN Rig #5	WSL Rig #4
Jun-10	GSF CONST-1	-	-	PTRIN Rig #1	-	TENDN Rig #5	WSL Rig #4
Jul-10	GSF CONST-1	-	-	PTRIN Rig #1	-	TENDN Rig #5	WSL Rig #4
Aug-10							
Sep-10							
Oct-10							
Nov-10							
Dec-10							

**Table 2B - Rig Days in 2010**

	BPTT	PTRIN	PTRIN (LO)	PTRIN (FO)	BG NCMA	EOG	PRIM	TOTAL
Jan-10	31	-	-	-	31	31	-	93
Feb-10	28	-	-	-	28	28	-	84
Mar-10	31	20	14	11	31	28	-	135
Apr-10	30	26	-	12	19	-	15	102
May-10	31	18	-	15	-	-	31	95
Jun-10	30	24	-	17	-	-	30	101
Jul-10	31	31	-	15	-	-	15	92
Aug-10								
Sep-10								
Oct-10								
Nov-10								
Dec-10								
<b>TOTAL</b>	<b>212</b>	<b>119</b>	<b>14</b>	<b>70</b>	<b>109</b>	<b>87</b>	<b>91</b>	<b>702</b>

**Table 2C - Depth Drilled in 2010 (FT)**

	BPTT	PRIM	PTRIN	PTRIN (LO)	PTRIN (FO)	BG NCMA	EOG	TOTAL
Jan-10	-	-	-	-	-	15,339	8,623	23,962
Feb-10	-	-	-	-	-	8,366	1,459	9,825
Mar-10	4,380	-	4,456	6,450	1,163	8,976	-	25,425
Apr-10	7,794	4,535	1,324	-	1,164	2,886	-	17,703
May-10	6,086	3,890	3,973	-	1,958	-	-	15,907
Jun-10	-	276	4,933	-	3,745	-	-	8,954
Jul-10	-	5,986	4,687	-	1,750	-	-	12,423
Aug-10								
Sep-10								
Oct-10								
Nov-10								
Dec-10								
<b>TOTAL</b>	<b>18,260</b>	<b>14,687</b>	<b>19,373</b>	<b>6,450</b>	<b>9,780</b>	<b>35,567</b>	<b>10,082</b>	<b>114,199</b>

**Table 2D - Wells Started in 2010**

COMPANY/OPERATOR	FIELD	WELL NUMBER	RIG NAME	CLASSIFICATION	DATE	DATE	TD (ft)	ATD (ft)
					SPUDED	COMPLETED		
BG (NCMA)	POINSETTIA	POI-POA-003	H&P 203	DEV	01-Jan-10	14-Feb-10	13,428	13,797
NO WELLS WERE SPUD IN FEBRUARY 2010								
PTRIN	POINT FORTIN CENTRAL	PFC-LAND-455	PTRIN Rig #1	DEV	22-Mar-10	-	2,150	2,292
PTRIN	GUAPO	GUAI - LAND-1091	PTRIN Rig #1	DEV	06-Mar-10	-	2,365	2,300
PTRIN-LO (OSL)	PALO SECO	PAS - LAND-556	WSL RIG #4	DEV	14-Mar-10	-	6,450	6,450
PTRIN - FO (API)	OROPOUCHE	ORO - LAND-113	TENDN Rig #5	DEV	21-Mar-10	-	4,285	4,225
BG (NCMA)	POINSETTIA	POI-POA-004	H&P 203	DEV	16-Mar-10	18-Apr-10	11,050	11,100
BPTT	SAVONETTE	SAV-SAV-A03ST	GSF CONST-1	DEV	19-Mar-10	07-Jul-10	16,060	15,971
BPTT	SAVONETTE	SAV-SAV-A04	GSF CONST-1	DEV	29-Mar-10	-	2,200	19,488
PTRIN	PARRYLANDS	PAE - LAND- 305	PTRIN Rig #1	DEV	21-Apr-10	-	1,265	1,400
PRIM	CORY MORUGA BLOCK	FIRECROWN 1	WSL Rig #4	EXPL (A-2C)	15-Apr-10	-	8,701	10,500
PTRIN	FOREST RESERVE	FOR-LAND-1687	PTRIN Rig #1	DEV	07-May-10	-	1,513	1,420
PTRIN	FOREST RESERVE	FOR-LAND-1688	PTRIN Rig #1	DEV	18-May-10	-	2,460	2,615
PTRIN	FOREST RESERVE	FOR-LAND-1689	PTRIN Rig #1	DEV	04-Jun-10	-	2,450	2,440
PTRIN	FOREST RESERVE	FOR-LAND-1690	PTRIN Rig #1	DEV	18-Jun-10	-	2,483	2,395
PTRIN - FO (API)	OROPOUCHE	ORO - LAND-114	TENDN Rig #5	DEV	13-Jun-10	-	3,745	3,610
PTRIN - FO (API)	OROPOUCHE	ORO - LAND-115	TENDN Rig #5	DEV	24-Jul-10	-	1,750	3,900
PTRIN	FOREST RESERVE	FOR-LAND-1691	PTRIN Rig #1	DEV	05-Jul-10	-	1,821	2,350
PRIM	CORY MORUGA BLOCK	SNOWCAP 1	WSL Rig #4	EXPL (A-2C)	16-Jul-10	-	5,986	8,600
PTRIN	PARRYLANDS	PAE - LAND- 306	PTRIN Rig #1	DEV	27-Jul-10	-	1,409	1,409
PTRIN	PALO SECO	1PAS - LAND-1495	PTRIN Rig #1	DEV	16-Jul-10	-	1,457	1,450

**Table 2E - Well Completions in 2010**

	WELL COMPLETIONS - OIL				WELL COMPLETIONS - GAS			* WELL COMPLETIONS - OTHER		TOTAL COMPLETIONS
	PTRIN	PTRIN (FO)	PTRIN (LO)	TOTAL OIL	EOG	BPTT	TOTAL GAS	BG NCMA	TOTAL OTHER	
Jan-10	1	-	-	1	-	-	0	-	0	1
Feb-10	0	-	2	2	-	-	0	1	1	3
Mar-10	-	-	-	0	1	1	2	1	1	3
Apr-10	-	-	-	0	-	-	0	1	1	1
May-10	-	-	1	1	-	-	0	-	0	1
Jun-10	-	-	-	0	-	-	0	-	0	0
Jul-10	-	-	-	0	-	1	1	-	0	1
Aug-10										
Sep-10										
Oct-10										
Nov-10										
Dec-10										
<b>TOTAL</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>10</b>

NOTE: \* INCLUDES ABANDONMENTS

**Table 2F - MEEA Approved Workovers Completed and Winch Hours in 2010**

	PRIM	TRINMAR	PTRIN	PTRIN (LO)	PTRIN (FO)	BHP	TOTAL wo completed	TOTAL winch hours
Jan-10	-	-	8	6	3	-	17	2,018
Feb-10	-	-	4	-	-	-	4	1,042
Mar-10	1	4	2	4	3	-	14	1,873
Apr-10	-	3	1	5	1	-	10	2,270
May-10	-	4	-	3	1	-	8	1,024
Jun-10	-	1	2	2	-	1	6	1,076
Jul-10	-	2	1	1	-	-	4	1,040
Aug-10								
Sep-10								
Oct-10								
Nov-10								
Dec-10								
<b>TOTAL</b>	<b>1</b>	<b>14</b>	<b>18</b>	<b>21</b>	<b>8</b>	<b>1</b>	<b>63</b>	<b>10,342</b>

**Table 3A - Natural Gas Production By Company in 2010 (MMSCF/D)**

COMPANY	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	AVG 2010
BPTT	2,581	2,579	2,442	2,603	2,348	2,435	2,492						2,497
TRINMAR	38	38	38	38	38	38	38						38
PTRIN	5	5	5	5	5	5	5						5
EOG	497	558	544	538	531	513	499						526
BG	969	1,062	1,055	1,017	1,042	1,042	1,024						1,030
BHP	213	236	216	200	200	200	200						209
REPSOL	24	24	24	24	24	24	24						24
<b>TOTAL</b>	<b>4,326</b>	<b>4,501</b>	<b>4,324</b>	<b>4,425</b>	<b>4,188</b>	<b>4,257</b>	<b>4,282</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,329</b>

**Table 3B - Natural Gas Utilization By Sector in 2010 (MMSCF/D)**

SECTOR	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	AVG 2010
Power Generation	271	280	288	298	288	301	295						289
Ammonia Manufacture	632	639	579	613	579	636	597						611
Methanol Manufacture	631	635	548	614	548	469	553						571
Refinery	36	40	20	40	40	42	41						37
Iron & Steel Manufacture	77	120	100	116	100	118	94						103
Cement Manufacture	13	15	13	13	13	9	12						13
Urea Manufacture	10	10	9	9	9	9	9						10
Small Consumers	9	10	10	10	10	12	11						10
Gas Processing	36	39	39	39	39	40	41						39
Liquefied Natural Gas (LNG)	2,295	2,375	2,323	2,335	2,323	2,299	2,223						2,310
<b>TOTAL</b>	<b>4,010</b>	<b>4,163</b>	<b>3,930</b>	<b>4,089</b>	<b>3,950</b>	<b>3,934</b>	<b>3,875</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,993</b>

**Table 4A - Crude Oil Imports in 2010 (BBLs)**

CRUDE TYPE	COUNTRY	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
Antan/Remboue Blend	Nigeria	250,073	-	-	-	-	-	-						250,073
Bijupira Crude	Brazil	-	-	-	-	-	496,312	-						496,312
Cabinda	Angola	-	-	-	-	-	-	-						
Cano Limon	Colombia	475,886	-	-	398,614	398,970	-	-						1273,470
Congo/Remboue Composite	Congo	-	744,870	-	-	-	-	-						744,870
Lucina Blend	Gabon	-	258,988	226,211	-	446,472	248,462	-						1180,133
Mandji Crude	Gabon	-	-	-	-	-	-	-						0
Marlim Crude	Brazil	477,583	523,992	-	-	-	-	-						1001,575
Mesa	Venezuela	-	-	-	-	-	-	-						0
Ogeundjo Blend	Gabon	473,006	523,787	464,417	786,571	210,752	585,010	730,054						3773,597
Oriente	Panama	-	-	-	-	-	-	-						0
Roncador	Brazil	-	-	-	-	-	-	520,287						520,287
Urals/Russian Blend	Russia	-	745,607	-	-	-	1450,128	720,676						2916,411
Vasconia	Colombia	499,021	499,567	523,204	498,036	497,309	498,468	-						3015,605
Woodbourne	Barbados	36,461	-	-	-	-	-	-						36,461
<b>TOTAL</b>		<b>2212,030</b>	<b>3296,811</b>	<b>1213,832</b>	<b>1683,221</b>	<b>1553,503</b>	<b>3278,380</b>	<b>1971,017</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15208,794</b>

**Table 4B - Crude Oil Exports in 2010 (BBLs)**

CRUDE TYPE		Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
Galeota Mix		1262,748	840,943	1261,549	841,574	1261,324	1261,488	840,004						7569,630
Calypso Crude		-	729,968	75,436	466,070	539,278	370,397	400,314						2581,463
<b>TOTAL</b>		<b>1262,748</b>	<b>1570,911</b>	<b>1336,985</b>	<b>1307,644</b>	<b>1800,602</b>	<b>1631,885</b>	<b>1240,318</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10151,093</b>

**Table 4C - Petrotrin PAP Refinery Sales in 2010 (BBLs)**

LOCAL SALES (BBLs)													
PRODUCT	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
Liquefied Petroleum Gas	48,212	54,020	52,974	54,351	40,074	52,484	55,723						357,838
Motor Gasoline	306,287	307,308	365,748	341,910	333,337	312,028	341,199						2307,817
Naphtha	-	-	-	-	-	-	-						0
Aviation Gasoline	228	143	-	142	138	273	149						1,073
Kerosine/Jet	92,751	75,768	96,639	73,465	76,279	77,322	88,760						580,984
Gas Oils / Diesel	302,038	325,039	393,086	374,821	399,344	364,845	386,751						2545,924
Fuel Oils	-	-	-	-	-	-	-						0
Bitumen	12,729	11,123	15,679	51,462	43,759	16,911	17,692						169,355
Sulphur	-	-	-	-	-	-	-						0
Other Refined/Unfinished Prod.	-	-	-	-	-	-	-						0
<b>TOTAL</b>	<b>762,245</b>	<b>773,401</b>	<b>924,126</b>	<b>896,151</b>	<b>892,931</b>	<b>823,863</b>	<b>890,274</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5962,991</b>

  

EXPORT SALES (BBLs)													
PRODUCT	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
Liquefied Petroleum Gas	49,634	44,107	7,008	6,023	33,395	27,992	28,915						197,074
Motor Gasoline	495,433	519,589	807,213	693,193	458,043	681,206	497,893						4152,570
Naphtha	109,846	-	-	-	-	-	109,659						219,505
Aviation Gasoline	-	-	-	-	-	-	-						0
Kerosine/Jet	455,591	313,495	386,219	273,075	250,477	490,608	194,595						2364,060
Gas Oils / Diesel	559,414	869,055	675,662	589,983	566,914	510,431	453,119						4224,578
Fuel Oils	1412,530	1048,872	1107,155	1130,433	724,007	1424,878	875,475						7723,350
Bitumen	-	-	-	-	-	-	-						0
Sulphur	-	7,845	6,855	-	-	7,892	7,265						29,857
Other Refined/Unfinished Prod.	479,236	348,941	-	329,525	349,863	-	-						1507,565
<b>TOTAL</b>	<b>3561,684</b>	<b>3151,904</b>	<b>2990,112</b>	<b>3022,232</b>	<b>2382,699</b>	<b>3143,007</b>	<b>2166,921</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20418,559</b>

**Table 4D - Petrotrin PAP Refinery Output in 2010 (BBLs)**

PRODUCT	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
Liquefied Petroleum Gas	87,073	98,545	65,557	53,245	66,782	77,112	80,715						529,029
Motor Gasoline	908,086	909,923	830,136	859,045	1,074,486	841,606	887,531						6,310,813
Aviation Gasoline	6,771	(10,107)	(193)	(1,311)	(3,821)	(56)	388						(8,329)
Kerosine/Jet	585,654	464,220	331,834	393,873	443,806	417,534	84,135						2,721,056
Gas Oils / Diesel	1,029,212	972,142	910,371	909,656	1,003,045	737,774	727,703						6,289,903
Fuel Oils	1,228,748	1,216,468	919,446	1,001,278	1,131,005	1,214,599	1,114,852						7,826,396
Bitumen	13,923	9,507	12,694	50,426	50,337	11,520	18,279						166,686
Sulphur	3,408	3,803	4,950	3,637	3,844	416	8,699						28,757
Other Refined/Unfinished Prod.	740,988	451,596	(211,288)	102,688	(254,467)	768,227	(100,353)						1,497,391
Refinery Gas and Loss/(Gain)	187,652	84,870	144,082	136,259	138,130	160,067	508,862						1,359,922
<b>TOTAL</b>	<b>4,791,515</b>	<b>4,200,967</b>	<b>3,007,589</b>	<b>3,508,796</b>	<b>3,653,147</b>	<b>4,228,799</b>	<b>3,330,811</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,721,624</b>

**Table 4E - Petrotrin PAP Refinery Throughput in 2010 (BOPD)**

	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	AVG 2010
Throughput (BBLs)	4,791,515	4,200,967	3,007,589	3,508,796	3,653,147	4,228,799	3,330,811						3,817,375
Throughput (BOPD)	154,565	150,035	97,019	116,960	117,843	140,960	107,446	0	0	0	0	0	73,736

**Table 5A - Production and Export of NGLs from PPGPL in 2010**

		Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
PRODUCTION of NGLs (in BBLs)	Propane	539,261	509,704	553,657	562,818	516,447	505,956	551,377						3739,220
	Butane	402,987	385,264	414,384	422,472	389,184	386,451	414,640						2815,382
	Natural Gasoline	499,634	474,987	518,554	515,620	482,304	510,133	520,654						3521,886
	TOTAL	1441,882	1369,955	1486,595	1500,910	1387,935	1402,540	1486,671	0	0	0	0	0	10076,488
EXPORT of NGLs (in BBLs)	Propane	497,041	487,715	449,850	502,552	561,693	595,149	466,693						3560,693
	Butane	333,774	574,894	249,575	372,092	475,014	374,843	470,776						2850,968
	Natural Gasoline	449,259	439,582	515,474	576,275	537,374	519,478	512,758						3550,200
	TOTAL	1280,074	1502,191	1214,899	1450,919	1574,081	1489,470	1450,227	0	0	0	0	0	9961,861

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 and Urea in 2010 (MT)**

Production of Ammonia (MT)	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
Yara	26,132	24,529	26,796	26,111	26,948	23,123	26,726						180,365
Tringen I	43,487	37,862	41,915	22,076	43,112	40,773	41,476						270,701
Tringen II	49,785	44,621	49,319	44,942	45,573	37,882	48,619						320,741
PCS (01,02,03 & 04)	196,771	177,660	194,529	188,244	195,242	184,042	161,013						1297,502
PLNL	61,556	55,390	62,794	46,200	793	51,247	54,626						332,606
CNC	58,740	52,337	58,472	48,421	57,952	56,132	24,684						356,738
N2000	62,321	56,355	62,475	59,971	61,418	59,488	61,014						423,042
AUM-NH3	49,387	29,560	20,894	24,435	11,441	8,527	8,271						152,515
<b>TOTAL</b>	<b>548,179</b>	<b>478,314</b>	<b>517,194</b>	<b>460,400</b>	<b>442,479</b>	<b>461,215</b>	<b>426,429</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3334,210</b>
Production of Urea (MT)	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
PCS (Urea)	62,687	56,555	62,195	60,407	57,707	59,079	46,822						405,451

Export of Ammonia (MT)	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
Yara	24,741	24,740	33,591	16,604	15,001	24,502	43,734						182,913
Tringen I	47,944	24,688	49,349	24,687	24,001	63,461	31,263						265,393
Tringen II	47,646	51,799	32,820	47,571	68,133	27,698	47,443						323,110
PCS (01,02,03 & 04)	156,315	176,096	135,048	166,679	157,743	119,555	167,533						1078,969
PLNL	72,421	94,083	47,503	45,853	17,704	37,731	51,077						366,372
CNC	75,579	75,848	42,505	63,003	50,050	50,737	36,272						393,994
N2000	118,361	83,572	64,043	78,626	82,469	80,645	76,608						584,324
AUM-NH3	-	-	-	-	-	-	-						0
<b>TOTAL</b>	<b>543,007</b>	<b>530,826</b>	<b>404,859</b>	<b>443,023</b>	<b>415,101</b>	<b>404,330</b>	<b>453,930</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3195,076</b>
Export of Urea (MT)	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
PCS (Urea)	46,660	53,033	73,258	47,949	45,779	71,854	74,844						413,377

**Table 5C - Production and Export of Methanol in 2010 (MT)**

Production of Methanol (MT)	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
TTMC I	42,786	38,573	28,350	35,654	40,963	41,064	42,043						269,433
CMC	49,662	44,838	47,885	44,410	40,318	47,841	47,622						322,576
TTMC II	51,590	46,622	51,347	49,443	51,183	49,703	50,269						350,156
MIV	51,382	46,595	51,458	48,957	47,569	49,990	42,766						338,717
Titan	79,821	71,278	66,158	76,512	72,898	74,643	73,576						514,886
Atlas	155,480	140,632	80,727	138,954	-	12,729	145,991						674,513
M5000	157,708	139,913	156,570	150,957	144,528	119,602	90,177						959,455
<b>TOTAL</b>	<b>588,429</b>	<b>528,451</b>	<b>482,496</b>	<b>544,888</b>	<b>397,458</b>	<b>395,571</b>	<b>492,444</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3429,737</b>

Export of Methanol (MT)	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
TTMC I	46,102	33,031	16,856	40,696	38,312	33,218	48,043						256,258
CMC	187,272	159,825	132,732	137,176	166,770	144,456	130,048						1058,280
TTMC II	54,839	72,251	46,474	110,215	32,826	77,585	66,660						460,851
MIV	-	-	-	-	-	-	-						0
Titan	79,339	67,771	86,116	52,007	100,437	77,338	61,383						524,391
Atlas	129,859	134,512	90,118	162,060	20,900	0	125,663						663,112
M5000	91,765	36,802	105,694	64,168	66,711	75,183	103,847						544,170
<b>TOTAL</b>	<b>589,176</b>	<b>504,192</b>	<b>477,989</b>	<b>566,322</b>	<b>425,957</b>	<b>407,781</b>	<b>535,644</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3507,061</b>

**Table 5D - Production of LNG from ALNG in 2010 (M<sup>3</sup>)**

		Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
LNG Production (M <sup>3</sup> )	Train 1	697,780	637,874	670,974	638,469	665,424	677,196	548,052						4535,769
	Train 2	722,576	649,905	662,743	660,660	677,938	674,596	690,129						4738,547
	Train 3	676,308	501,602	678,762	655,868	688,341	535,707	690,059						4426,647
	Train 4	723,066	883,740	901,443	885,087	779,733	916,006	957,626						6046,701
	<b>TOTAL</b>	<b>2819,730</b>	<b>2673,121</b>	<b>2913,922</b>	<b>2840,084</b>	<b>2811,436</b>	<b>2803,505</b>	<b>2885,866</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19747,664</b>

**Table 5E - LNG and NGL Sales, Deliveries & Redeliveries from ALNG in 2010 (MMBTU & BBLs)**

		Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	TOTAL
LNG Sales & Deliveries (MMBTU)	Train 1	14700,700	9320,683	17554,841	14549,456	12630,364	17610,661	11984,707						98351,412
	Train 2	15757,424	18558,303	11230,920	16201,449	17742,385	11796,902	9749,671						101037,054
	Train 3	14935,973	15730,741	10318,328	14118,070	12506,690	12927,893	18741,284						99278,979
	Train 4*	18312,283	18249,103	27759,595	14883,320	17432,348	21461,053	26190,907						144288,609
	<b>TOTAL</b>	<b>63706,380</b>	<b>61858,830</b>	<b>66863,684</b>	<b>59752,295</b>	<b>60311,787</b>	<b>63796,509</b>	<b>66666,569</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>442956,054</b>
NGL Sales & Deliveries (BBLs)	Train 1	226,248	201,623	225,357	204,893	193,378	212,251	174,316						1438,066
	Train 2	83,941	80,123	81,231	78,921	79,087	84,694	91,724						579,721
	Train 3	192,026	141,456	193,031	187,646	180,586	147,596	180,915						1223,256
	Train 4*	192,005	235,373	238,576	248,329	213,496	251,330	274,697						1653,806
	<b>TOTAL</b>	<b>694,220</b>	<b>658,575</b>	<b>738,195</b>	<b>719,789</b>	<b>666,547</b>	<b>695,871</b>	<b>721,652</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4894,849</b>

**NOTES:** 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.

Train 4 \* - LNG & NGL Redeliveries to owners of input gas