



PT Badak NGL
A World Class Energy Company

Jakarta, December 18th, 2012

No : 171/BJ00/2012-960

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Subject: **NOVEMBER 2012 OPERATIONS REPORT**

Dear all,

We forward our November 2012 report and inform that the meeting will be held on:

Day/Date : Friday, December 21, 2012
Place : Board Room VICO Indonesia, Wisma Mulia 48th Floor
Jl. Jend. Gatot Subroto No. 42, Jakarta
Time : 07:30 AM

Your cooperation is appreciated.

Very truly yours,

Nanang Untung
President Director & CEO



- CC: 1) Mr. Patrick Grivot – TOTAL E&P Indonesia
2) Mr. Sadiman Lie – VICO Indonesia
3) Mr. Iman Santoso – Chevron Indonesia
4) Mr. Daniel S. Purba – VP Engineering & Project PT PERTAMINA (Persero)
5) VP Subsidiary & Joint Venture Management, PT PERTAMINA (Persero)
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**PT BADAK NATURAL GAS LIQUEFACTION
NOVEMBER 2012
OPERATIONS REPORT**

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I. EXECUTIVE SUMMARY

November 2012

Fire & Safety

No Lost Time Injury happened in November 2012. Since the last lost time injury that occurred in December 08, 2006, PT Badak had achieved 2.184 days or 51.911.890 man-hours without a lost time injury.

Operations

The LNG production in November was 2.02 million m3. LNG opening and closing inventories were 521,210 m3 and 443,568 m3 respectively. Total LNG lifted in November were 19 mixed cargoes (16.74 std. cargoes) or equal to 2,093,029 m3 LNG. The actual year to date LNG production and shipments are 23,546,162 m3 and 188.08 std. cargoes respectively. LPG Production (Propane & Butane) in November was 66,848 m3. LPG Propane opening and closing inventories were 43,130 m3 and 53,385 m3 respectively. LPG Butane opening and closing inventories were 48,515 m3 and 59,037 m3 respectively.

Financial

Total Cash Expenditures year to date were \$ 194,130 or under run of \$ 7,388 compared to the original budget.

Administration and Manning

At the end of the current month, total number of National employees was 1,079 people (the approved manning is 1179). One expatriate TOTAL E&P Indonesia (TEPI) is working as secondee and one national employee of TEPI is working in the development assignment in SHE-Q Department current month MPPK 4 (four) persons & Termination (PHK & Pension) 7 (seven) persons.

II. OPERATING HIGHLIGHTS

As of 30 November, 2012

	Current Month	Year To Date 2012	2011
CASH CALLS (\$'000)			
From Revenues : Package II	-	-	-
Package III	-	-	-
Package III A - KCO Proceeds	-	-	-
Package IV	3,700	55,800	39,700
Package V	-	-	-
Package VI	-	50,300	35,400
Package VII	-	-	33,700
MAHAKAM 100%	10,300	87,900	65,200
	14,000	194,000	174,000
OPERATING & CAPITAL EXPENDITURES (\$'000)			
Operating Expenses	15,848	175,656	155,301
Capital Expenditures Tier I	351	1,078	799
Capital Expenditures Tier II	49	748	1,678
Changes in Working Capital	(1,884)	8,916	8,432
Owners Cost	157	237	14
Capital Expenditures Tier III	325	7,495	3,170
	14,846	194,130	169,394
VAT on Gas Processing	1,400	15,220	
Total Cash Expenditures after VAT on gas processing	16,246	209,350	-
OPERATING DATA			
LNG Production (x1000 M3)	2,015	23,546	29,274
LNG Prod. Daily Average (x1000 M3)	67.18	70.29	87.65
LNG Cargoes (No.) Mix	19	204	249
LPG Production (x1000 M3)	67	734	1,015
LPG Cargoes (No.)	1	13	19
Condensate Returned (x1000 M3)	77	900	1,097
Thermal Efficiency (%)	88.32	88.31	88.47
Availability Factor (%)	79.86	94.07	98.83
Operating Expenses (\$'000)	15,848	175,656	155,301
LNG/LPG/Condensate Loaded (MMMBtu)	53,054	600,238	749,433
Operating Unit Cost (Cents US\$/MMBtu)	29.87	29.26	20.72
FIRE AND SAFETY DATA			
Days Without Lost Work Day Incident **	30	335	
MANNING LEVELS			
Nationals	1079	1089*	
VICO & TOTAL Secondees	2	2*	
General Services	-	-	
Job Contracts		null*	

* Monthly average for the calendar year

** Total safe working days since December 08, 2006 : 2.184

III. SAFETY

No Lost Time Injury happened in November 2012. Since the last lost time injury that occurred in December 08, 2006, PT Badak NGL had achieved 2.184 days or 51.911.890 man-hours without a lost time injury.

Work Accidents

PT Badak NGL Employees:

No work accident reported involving PT Badak NGL employees in November 2012.

PT Badak NGL Contractors:

There was 1 (one) work accident reported involving contractor employee in November 2012.

On Friday, November 2nd, 2012 around 9.25 PM at Valve Shop involving Mr. Marthen RP of PT Kembar Jaya Bersatu, his left middle finger hit a Tube Puller.

2012 YTD: 1 Medical Treatment Case (MTC) and 0 Restricted Work Case (RWC)

Near Miss Incidents

There was no near miss incidents reported in November 2012.

2012 YTD: 12 NMI (Near Miss Report)

RTAs (Road Traffic Accidents)

There were 3 (three) RTA cases reported in November 2012.

On Saturday, November 17, 2012 at 2.20 PM a traffic accident occurred involving Flat Bed Truck KT 8962 DA / B-657, while delivering support materials to Mobile Equipment Shop suddenly the support hit the Security Post at Surplus Warehouse on Tuesday, November 20, 2012 at 11.20 AM a traffic accident occurred involving vehicle KT-8289 DC / B5-505 driven by Contractor employee of PT Lamhotma Uli. The car hit the traffic barriers, barrel and motor cycle at Surplus Warehouse.

On Tuesday, November 20, 2012 at 11.30 AM a traffic accident occurred involving vehicle KT 1076 DB (KPP). The car hit a vehicle in front of the driver at HOP Security Post.

2012 YTD: 16; 2 RTAs Related to Business (RB) & 14 RTAs Not Related to Business (NRB).

Fire Incidents

LNG/LPG Plant Areas

There was no fire incident in the LNG/LPG Plant areas in November 2012.

PSF & Community Areas

There was no fire incident in the PSF & Community areas in November 2012.

2012 YTD: 10; 8 FI (LNG/LPG Plant Areas) and 2 FI (PSF & Community Areas)

Spill and Environmental Impact

There was neither pollution incident nor hazardous liquid leak or spill occurred at PT Badak NGL Plant area in November 2012.

2012 YTD: 0 Pollution incidents - no hazardous liquid leak.

AWAS Card Training

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Plan (mhrs)	0	0	1187	0	0	1187	0	0	0	1187	0	0	3561
Actual (mhrs)	0	0	0	825	0	0	0	154	95	0	0		1074

AWAS Card Record

SUBJECT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Safe Act	10418	11205	11986	8401	7224	4572	5478	4146	4727	5080	5461		78698
Unsafe Act	3352	3310	4040	3548	2837	1992	2015	1829	1597	1848	1493		27861
Total	13770	14515	16026	11949	10061	6564	7493	5975	6324	6928	6954		106559
Total Cumm	13770	28285	44311	56260	66321	72885	80378	86353	92677	99605	106559		106559
Target Cumm	3993	7986	11979	15972	19965	23958	27951	31944	35937	39930	43923		43923

24TH Management Inspection / Recommendation Status

CRITERIA	Finding Items	Completed Items	Remaining Items	Completed Percentage
Safety	79	54	25	68%
House Keeping	17	14	3	82%
Envir./Industrial Hygiene	12	10	2	83%
Health	4	3	1	75%
Quality	12	10	2	83%
Other	4	4	0	100%
Total	128	95	33	74%

Safety Performance

SUBJECT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Safety Record (Man Days) *	1880	1909	1,940	1,970	2001	2031	2,062	2,093	2,123	2,154	2,184		2,184
Road Traffic Accidents	3	3	1	1	1	2	1	1	0	0	3		16
Lost Time Accidents	0	0	0	0	0	0	0	0	0	0	0		0
Reportable Cases (Work Accident)	0	0	0	0	0	0	0	0	0	0	1		1
Safety Record (Man Hours) *	44481904	45,194,954	45918078	46,681,099	47,427,517	48,171,536	48897380	49,660,799	50,414,919	0	51,911,890		51,911,890

Note : * Total safe working days since December 08,2006

IV. OPERATIONS SUMMARY

November 2012

LNG Production and Shipments

The actual LNG production in November was 2,015,387 m³ which was higher than the forecast (GRF November 2012) of 1,980,920 m³ due to higher feed gas delivery. The actual LNG shipments in November were 19 mix cargoes (16.74 standard cargoes) which was met to the original plan of 19 mix cargoes (16.78 standard cargoes). The actual year-to-date LNG production and shipments are 23,546,162 m³ and 188.08 standard cargoes, respectively.

LPG Production and Shipments

The actual LPG production was 66,848 m³ which was higher than the forecast (GRF November 2012) of 63,528 m³ because of higher feed gas delivery.

LPG shipment was 1 cargo, consisting of 22,545 m³ propane and 23,526 m³ butane. The actual year-to-date LPG production and shipments are 734,336 m³ and 654,317 m³.

Condensate Production and Product Pumped to Santan

The actual condensate production was 76,777 m³, which was higher than the forecast (GRF November 2012) of 75,216 m³ due to higher gas delivery. Year-to-date actual production was 899,724 m³.

The actual condensate pumped to Santan in November was 76,810 m³ delivered from Bontang.

The following are the LNG and LPG shipments in November 2012

NO	Departure	LNG Vessels	HHV, Btu/Scf	Density, Kg/m3	Loaded Volume,m3	MMBtu Loaded
1	01/11/2012	LNG GOLAR MAZO (CIF, BW25)	1,110.3	454.4	136,117	3,207,500
2	02/11/2012	LNG SURYA SATSUMA (CIF, BM27)	1,110.5	454.6	22,711	535,300
3	04/11/2012	SS LNG FLORA (FOB, BB33)	1,111.6	454.5	125,056	2,946,480
4	05/11/2012	LNG SURYA AKI (CIF, BO05)	1,111.4	454.5	19,205	452,560
5	06/11/2012	LNG DWIPUTRA (CIF, BZ30)	1,111.3	454.4	126,233	2,973,670
6	08/11/2012	LNG HANJIN PYEONG TAEK (FOB, BN14)	1,110.9	455.0	128,232	3,024,980
7	08/11/2012	LNG ABDELKADER (FOB, BV13)	1,110.6	454.7	173,238	4,084,140
8	11/11/2012	LNG AQUARIUS (FOB, BR11)	1,111.7	455.0	124,672	2,940,660
9	11/11/2012	SS HYUNDAI UTOPIA (FOB, AF19)	1,111.1	454.4	125,678	2,961,110
10	13/11/2012	SS LNG VESTA (FOB, BB34)	1,111.4	454.6	125,131	2,949,070
11	18/11/2012	LNG GOLAR MAZO (CIF, BW26)	1,111.8	454.8	136,106	3,208,820
12	19/11/2012	LNG SURYA AKI (CIF, BM28)	1,112.1	454.4	19,207	452,410
13	20/11/2012	SS SENSU MARU (FOB, BX17)	1,111.3	454.4	123,276	2,904,910
14	20/11/2012	LNG SURYA SATSUMA (CIF, BO06)	1,111.6	455.0	22,710	535,740
15	22/11/2012	SS LNG FLORA (FOB, BB35)	1,110.6	454.7	125,486	2,958,370
16	23/11/2012	LNG ABDELKADER (FOB, BF09)	1,109.9	454.3	173,982	4,098,380
17	26/11/2012	LNG AQUARIUS (FOB, BR12)	1,109.5	454.0	124,561	2,932,830
18	28/11/2012	LNG GOLAR MAZO (CIF, BW27)	1,112.0	455.0	136,095	3,209,910
19	29/11/2012	SS LNG VESTA (FOB, BB36)	1,109.3	453.9	125,333	2,950,070
		Total LNG loaded in November 2012			2,093,029	49,326,910

NO	Departure	LPG Vessels	Cargo No	Propane m3	Butane m3	Total m3
1	01/11/2012	GAS KOMODO	013-B-013	22,545	23,526	46,071
		Total		22,545	23,526	46,071

PLANT OPERATIONS & MAINTENANCE

Availability Factor

The Plant Availability Factor (PAF) in November was 79.86%, which was lower than the plan of 82.22% due to longer Train D Scheduled Shutdown than planned. The year-to-date, Plant Availability Factor was 94.07%, which was slightly lower than the forecast of 94.28%.

Thermal Efficiency

The actual Plant Thermal Efficiency (PTE) in November was 88.32% which was lower than the November estimate PTE of 88.34% due to higher fuel consumption during 5 trains running (low load factor) and additional LPG flaring during 17K-1 rider band inspection. The year-to-date PTE was 88.31% which was higher than the forecast of 88.23%.

Feed Gas to LNG Ratio

The actual Feed Gas to LNG Ratio (Kscf/m³) in November was 27.13 which was higher than the forecast of 26.73 due to higher fuel consumption during 5 trains running (low load factor) and higher CO₂ content in feed gas than forecast (lower feed gas heating value). The year-to-date Feed Gas to LNG Ratio was 26.80.

Train Scheduled Shutdowns

Train D was put on scheduled shutdown since 14 October 2012 at 08:06 hrs. The Train D Scheduled Shutdown was extended for 7 days until 21 November 2012 (originally 14 November 2012) due to cracks found on the body of two 20" High Pressure Steam (HPS) valves located at the Train C/D Battery Limits. The two body cracked valves were replaced by spool pieces. The train was put on idle shutdown on the 21 November 2012 at 23:00 hrs. Total Train outage was 38.62 train-days.

Train C was put on scheduled shutdown since 3 November 2012 at 15:13 hrs. The Train C Scheduled Shutdown was originally planned on 1 November 2012, however, it was delayed to 3 November 2012 due to inconsistent feed gas delivery forecast to PTB. Total train outage in November was 27.37 train days.

Train Unscheduled Shutdowns

None

Train Idle Shutdowns

Train B was on idle since 2 June 2011 at 08:00 hrs. Total Train B outage in November 2012 was 30.00 train-days.

Train G was on idle since 20 October 2012 at 08:05 hrs. The Train was back online on 3 November 2012 at 12:30 hrs. Total outage Train G in November 2012 was 2.52 train-days. Total outage since 20 October 2012 was 14.19 train-days.

Train D was on idle since 21 November 2012 at 23:00 hrs. Total Train D outage in November 2012 was 9.04 train-days

Customer Satisfaction

No valid protest.

The year-to-date Customer Satisfaction no valid protest.

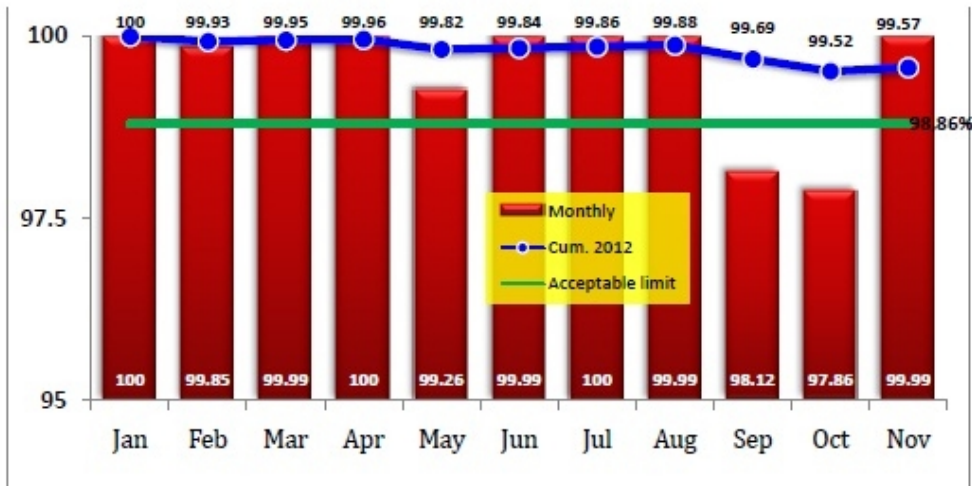
Tugboat Condition

Tugboat availability was N+1 in November 2012. Tugboat #6 is in the Maintenance repair in Bontang since 18 November 2012.

RELIABILITY

Plant Reliability Factor

The Plant Reliability Factor is 99.99% for November and YTD PRF is 99.57%. There is one Slowdown event in 29 November 2012 on Train A and contribute 284m3 PRUR caused by bad foaming on A1C-2 due to excessive liquid carry over.



Reliability Program Implementation

1. Bad Actor

Reliability section manages bad actors that can lead to train trips, potential train trips and slowdown or reduced rate caused by system and or equipment problem. For November 2012, the bad actors are as follows :

1.1. In Progress

-E4-LV-10

On 16 Nov 2012 Potential trip caused by broken tubing on 4-LV-10 due to over torqued and high vibration.

Status: Proposed solutions consist of replacement from rigid tubing to flexible one, dissemination of appropriate tightening procedure as per manufacturer manual and canopy installation to avoid corrosion.

Target date 31 December 2012.

Follow up by: Instrument Section

-4YI-57B of G4KT-3

On 18 April 2012, spurious trips due to TOB YAHH-57B activated.

Status: Modify the vibration trip logic from proximity to velocity.

The material purchasing is in progress. Target date 31 May 2013.

Follow up by: MHE/INST/ FPE

-Train D HVAC-Tr-D

On 12 June 2012, Potential trip due to ESD/EDP TAH activated caused by HVAC compressor failure

Status: New compressor and warning system will be installed in Feb 2013.

Follow up by: MPTA/ELECT/ REL

-HWS 32T-40 gearbox Bolting

On 25 June 2012, Tr-G Slowdown due to insufficient CW supply caused by broken gearbox bolting of HWS 32T-40.

Status: Machine bolts are already available.

Fabrication of additional stopper to prevent movement of gearbox is in progress.

Installation will be done on each HWS during HWS offline.

Follow up by: MPTA / M&HE

1.2. Closed

-C4-LV-10

On 18 Oct 2012, Slowdown to avoid 4C-12 LAHH-13 due to positioner linkage broken.

Status: Functional test has been done on 22 Nov 2012.

Current status is under monitoring and wait for completion of Train C shutdown

Follow up by: Instrument Section

-Tr-H grounding system

On 15 May 2012, Tr-H trip due to ESD/EDP activated caused by grounding system malfunction.

Status: Grounding system improvement was done.

This problem is under monitoring through Lightning Counter reading

and so far, no strike recorded by Lightning Counter.

Follow up by: FPE/ELECT

2. Chronic Failure

Reliability section manages Chronic Failures that occurs repetitively and

have low to moderate impact to the equipment and or system.

This includes equipment and or system in Utilities and Storage Loading area.

For November 2012, the following chronic failures are under Reliability Section follow-up and monitoring:

-HWS on CW pump #13/#14/#15

Potential trip or slowdown due to high dP on HWS that occur almost on weekly basis due to dirty HWS by basin sediment.

This problem leads to repetitive cleaning and eventually will cause inefficiency.

Status: Meeting to discuss this event was done.

Basin cleaning can only be done during Train shutdown.

Best effort before basin cleaning is cleaning HWS using chemical on each high dP occurrence.

Follow up by: SE&C

-31F-01 /03 /04 /07 /10 FDF Gearbox

High vibration on the high speed gearbox.

The dominant cause of the problem is corroded bearing parts due to water intrusion inside the gearbox.

Status: RES routing is in progress to modify the lube oil lines to enabling cooler online switching

Follow up by:FPE/ MHE/ Opr-Utilities-I

-Oil Leakage on Train EFGH 4E-19/24/29 Lube Oil Cooler

Repetitive lube oil leakage occurred on end-cover side. O-Ring Material quality and or installation method are suspected to be the root causes.

Status: Measurement to find O-ring dimensions for o ring gland modification and for ordering the integral o-ring are in progress (3 out of 9 cooler sizes were completed)

Follow up by: FPE/ SE&C / REL

2012 PT Badak Shutdowns

Train	Scheduled Shutdown		Unscheduled Shutdown		Idle Shutdown	
	Frequency	Duration (days)	Frequency	Duration (days)	Frequency	Duration (days)
A	0	0	1	0.12	1	57.52
B	0	0	0	0	0	335
C	1	27.37	0	0	0	0
D	1	38.62	0	0	2	188.39
E	1	21.33	0	0	3	102.03
F	1	21.33	0	0	3	150.35
G	1	13.08	2	0.37	3	18.65
H	1	33.99	2	2.8	1	10.64
TOTAL	6	155.72	5	3.29	13	862.58

Plant Outages

	Frequency			Outages (days)		
Unscheduled Shutdowns	2010	2011	2012	2010	2011	2012
In November	3	1	0	22.98	0.34	0.00
Through November	17	8	5	53.72	3.28	3.29
Annual	18	9	5*)	58.86	3.49	3.29*)
Scheduled Shutdowns	2010	2011	2012	2010	2011	2012
In November	0	0	1	0	0	48.33
Through November	4	1	6	142.02	27.88	155.72
Annual	4	1	6*)	142.02	27.88	155.72*)
Idle Shutdowns	2010	2011	2012	2010	2011	2012
In November	0	3	2	0	61.86	41.56
Through November	3	12	13	170.8	462.5	862.58
Annual	5	13	13*)	185.04	530.99	862.58*)

Note : *) 1 January - 30 November 2012

CALENDAR YEAR OPERATING INDICES

NOVEMBER 2012

No	Description	Per	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total YTD	Prev Year
1	Gas Delivered	MMSCF	66,313	62,713	64,646	59,314	60,014	53,335	53,478	52,457	49,886	54,180	54,682		631,017	783,900
2	LNG Prod.(Month /Total)	M3	2,493,552	2,344,875	2,426,454	2,225,039	2,236,751	1,983,213	2,006,056	1,947,646	1,853,548	2,013,641	2,015,387		23,546,162	29,274,231
3	LNG Prod.Daily Av.	M3	80,437	80,858	78,273	74,168	72,153	66,107	64,711	62,827	61,785	64,956	67,180		70,287	87,647
4	LNG Mix Cargoes		22	20	21	17	20	18	19	15	16	17	19		204	249
5	LNG Loaded	M3	2,495,809	2,333,364	2,675,559	2,168,112	2,144,324	2,003,507	2,112,881	1,752,306	1,828,360	1,902,656	2,093,029		23,509,907	29,130,492
6	LNG Loaded	MMBtu	58,740,160	54,919,530	62,943,800	51,021,240	50,472,180	47,150,490	49,804,370	41,260,340	43,061,310	44,798,560	49,326,910		553,498,890	685,886,460
7	LNG Loaded, Avg, HHV	Btu/scf	1,109	1,109	1,108.5	1,108.7	1,109.3	1,108.7	1,111.6	1,109.6	1,110.3	1,109.9	1,110.9		1,109.6	1,109.3
8	Feed Gas / LNG	MMSCF/ 10^3 m3 LNG	26.59	26.74	26.64	26.66	26.83	26.89	26.66	26.93	26.91	26.91	27.13		26.8	26.78
9	LPG Propane Production	M3	42,336	39,251	39,833	32,729	36,409	32,560	35,262	29,491	26,592	28,324	32,800		375,587	470,000
10	LPG Propane Production	Ton	24,477	22,703	23,036	18,967	21,097	18,809	20,479	17,067	15,391	16,402	19,041		217,469	271,441
11	LPG Propane Production	BOE	266,285	246,881	250,542	205,859	229,005	204,796	221,791	185,492	167,258	178,152	206,305		2,362,367	2,956,206
12	LPG Butane Production	M3	42,736	38,324	39,617	35,770	35,170	27,141	17,665	29,251	29,637	29,390	34,048		358,749	545,111
13	LPG Butane Production	Ton	25,428	22,863	23,613	21,310	20,956	16,170	10,517	17,435	17,667	17,526	20,297		213,782	324,528
14	LPG Butane Production	BOE	268,801	241,050	249,183	224,986	221,212	170,711	111,109	183,983	186,411	184,857	214,155		2,256,459	3,428,639
15	Total LPG Production	M3	85,072	77,575	79,450	68,499	71,579	59,701	52,927	58,742	56,229	57,714	66,848		734,336	1,015,111
16	Total LPG Production	Ton	49,905	45,566	46,649	40,277	42,053	34,979	30,996	34,502	33,058	33,928	39,338		431,251	595,969
17	Total LPG Production	BOE	535,086	487,931	499,725	430,845	450,218	375,507	332,900	369,475	353,669	363,010	420,461		4,618,827	6,384,845
18	LPG Cargoes		1	2	1	1	1	1	2	1	2	-	1		13	19
19	Lifting of Propane	M3	22,572	51,540	25,507	17,366	34,590	22,571	60,744	34,572	48,567	-	22,545		340,574	511,870
20	Lifting of Propane	Ton	13,044	29,803	14,747	10,051	20,030	13,070	35,149	20,008	28,106	-	13,052		197,060	295,692
21	Lifting of Propane	BOE	141,973	324,176	160,434	109,229	217,564	141,967	382,068	217,451	305,477	-	141,804		2,142,142	3,219,560
22	Lifting of Propane	MMBtu	621,181	1,423,535	703,483	479,475	956,062	622,960	1,676,534	953,150	1,339,968	-	622,461		9,398,810	14,090,349
23	Lifting of Butane	M3	21,904	60,722	21,766	32,482	20,428	18,646	62,048	15,174	37,047	-	23,526		313,743	538,046
24	Lifting of Butane	Ton	13,035	36,184	12,972	19,354	12,172	11,110	36,977	9,044	22,082	-	14,027		186,957	320,465
25	Lifting of Butane	BOE	137,772	381,929	136,904	204,305	128,488	117,280	390,270	95,441	233,018	-	147,974		1,973,381	3,384,202
26	Lifting of Butane	MMBtu	610,026	1,694,144	607,489	906,573	570,745	521,342	1,733,621	423,658	1,035,092	-	657,551		8,760,240	15,007,964
27	Total LPG Lifting	M3	44,476	112,262	47,273	49,848	55,018	41,217	122,792	49,746	85,614	-	46,071		654,317	1,049,916
28	Total LPG Lifting	Ton	26,079	65,987	27,719	29,406	32,201	24,180	72,126	29,052	50,188	-	27,079		384,017	616,156
29	Total LPG Lifting	BOE	279,745	706,106	297,338	313,534	346,052	259,247	772,337	312,892	538,495	-	289,777		4,115,523	6,603,762
30	Total LPG Lifting	MMBtu	1,231,208	3,117,679	1,310,972	1,386,048	1,526,807	1,144,302	3,410,156	1,376,808	2,375,060	-	1,280,012		18,159,050	29,098,312
31	Condensate Production	M3	93,084	90,054	93,530	84,014	87,196	73,978	77,214	75,534	70,700	77,643	76,777		899,724	1,097,657
32	Condensate Production	Barrel	585,480	566,422	588,285	528,431	548,445	465,307	485,661	475,094	444,689	488,359	482,912		5,659,084	6,904,043
33	Condensate to Santan	M3	89,064	93,465	93,832	84,380	87,034	74,381	76,768	75,554	70,368	77,938	76,810		899,594	1,096,904
34	Condensate to Santan	Barrel	560,195	587,876	590,185	530,733	547,426	467,842	482,855	475,220	442,601	490,214	483,120		5,658,266	6,899,307
35	Condensate to Santan	MMBtu	2,806,106	2,944,766	2,916,547	2,704,759	2,779,085	2,371,932	2,450,980	2,411,178	2,242,647	2,505,019	2,447,043		28,580,061	34,448,076
36	Plant Thermal Efficiency	%	88.73	88.58	88.63	88.59	88.41	87.81	88.06	87.87	88.18	88.02	88.32		88.31	88.47
37	Availability Factor	%	100	99.95	94.73	82.22	99.36	99.99	92.88	93.42	99.36	92.88	79.86		94.07	98.83
38	Operating Expenses	US.M\$	13,157	20,332	13,672	17,186	10,770	17,456	20,113	14,507	14,833	17,533	15,848		175,656	155,301
39	Unit Cost Total	Cents US\$/MMBtu	20.96	33.34	22.42	28.18	19.66	34.45	36.13	26.06	31.11	37.07	29.87		29.26	20.72
40	Manpower Nationals	Nos	1135	1130	1125	1121	1116	1108	1103	1098	1093	1084	1079		1089	
41	Manpower VICO & TOTAL Seconddees	Nos	2	2	2	2	2	1	1	2	2	2	2		2	
42	MPPK/PHK & Pension	Nos	9/-7	5/-7	5/-1	4/-6	6/-5	7/-14	6/-9	5/-6	5/-12	9/-2	4/-7		82/-173	
43	Job Contract Manpower	Nos	2902	2840	2903	3111	3021	2986	2938	3132	3054	2943				
44	Recruitment Active	Nos	1	1	0	0	1	1	1	0	0	0				
45	Recruitment Trainees Mngt	Nos	3	3	0	0	15	15	0	0	0	0				

DAILY PRODUCTION & LIFTING

NOVEMBER 2012

DATE	LNG (M3)					LPG PROPANE (M3)				LPG BUTANE (M3)				CONDENSATE (M3)			
	PRODUCT	INVENT	CIF LOADED	FOB LOADED	SHIPS	PROD	INVENT	LOADED	SHIPS	PROD	INVENT	LOADED	SHIPS	PROD	INVENT	TO STN	TO PLANT
31/10/2012		521,210					43,130				48,515				3,939		
01/11/2012	68,543	435,489	154,264	0	MZ/SS	495	23,274	20,351	KMD	648	30,275	18,888	KMD	2,524	3,939	2,524	
02/11/2012	69,694	500,619	4,564	0	SS	949	22,029	2,194	KMD	855	26,492	4,638	KMD	2,397	3,872	2,464	
03/11/2012	67,590	443,153	0	125,056	FL	998	23,027			1,246	27,738			2,734	4,158	2,448	
04/11/2012	66,546	509,699	0	0		1,500	24,527			1,304	29,042			2,495	3,995	2,658	
05/11/2012	68,132	464,101	113,730	0	SA/DP	1,611	26,138			1,460	30,502			2,502	4,030	2,467	
06/11/2012	72,127	504,520	31,708	0	DP	1,217	27,355			1,318	31,820			2,665	4,169	2,526	
07/11/2012	70,122	392,676	0	181,966	AK/PT	1,173	28,528			1,140	32,960			2,702	4,250	2,621	
08/11/2012	69,392	342,564	0	119,504	AK/PT	1,165	29,693			1,185	34,145			2,625	3,997	2,870	8
09/11/2012	71,600	414,164	0	0		1,003	30,696			1,230	35,375			2,695	4,108	2,584	
10/11/2012	71,987	258,101	0	228,050	UT/AQ	1,013	31,709			1,228	36,603			2,846	4,263	2,691	
11/11/2012	71,144	306,945	0	22,300	UT	1,273	32,982			1,153	37,756			2,821	4,288	2,796	
12/11/2012	58,857	243,061	0	122,741	VT	996	33,978			902	38,658			2,263	3,748	2,803	
13/11/2012	67,538	308,209	0	2,390	VT	794	34,772			1,256	39,914			2,692	4,038	2,402	
14/11/2012	64,801	373,010	0	0		714	35,486			1,238	41,152			2,887	4,308	2,617	
15/11/2012	66,759	439,769	0	0		802	36,288			1,171	42,323			2,717	4,308	2,717	
16/11/2012	65,926	505,695	0	0		1,137	37,425			1,134	43,457			2,424	4,031	2,701	
17/11/2012	66,091	435,680	136,106	0	MZ	845	38,270			1,214	44,671			2,932	4,222	2,741	
18/11/2012	66,538	502,218	0	0		1,252	39,522			1,237	45,908			2,430	3,940	2,712	
19/11/2012	66,034	425,769	19,207	123,276	SN/SA	1,279	40,801			1,219	47,127			2,461	3,861	2,540	
20/11/2012	66,587	469,646	22,710	0	SS	1,216	42,017			1,149	48,276			2,427	3,917	2,371	
21/11/2012	66,831	415,509	0	120,968	FL	1,327	43,344			1,167	49,443			2,437	4,152	2,202	
22/11/2012	67,900	347,010	0	136,399	FL/AK	1,167	44,511			1,230	50,673			2,685	4,293	2,544	
23/11/2012	69,228	374,137	0	42,101	AK	1,111	45,622			1,212	51,885			2,611	4,172	2,732	
24/11/2012	69,152	443,289	0	0		1,123	46,745			1,131	53,016			2,511	3,946	2,729	8
25/11/2012	68,244	511,533	0	0		1,008	47,753			1,107	54,123			2,503	3,884	2,565	
26/11/2012	67,822	454,794	0	124,561	AQ	1,043	48,796			1,179	55,302			2,422	3,808	2,498	
27/11/2012	58,052	412,199	100,647	0	MZ	1,129	49,925			919	56,221			2,093	3,480	2,413	8
28/11/2012	64,309	318,885	35,448	122,175	VT/MZ	1,303	51,228			1,154	57,375			2,326	3,861	1,945	
29/11/2012	63,808	379,535	0	3,158	VT	1,152	52,380			936	58,311			2,526	4,009	2,378	
30/11/2012	64,033	443,568	0	0	DP	1,005	53,385			726	59,037			2,424	3,882	2,551	

CIF + FOB =

AVG LNG PROD : 1,093

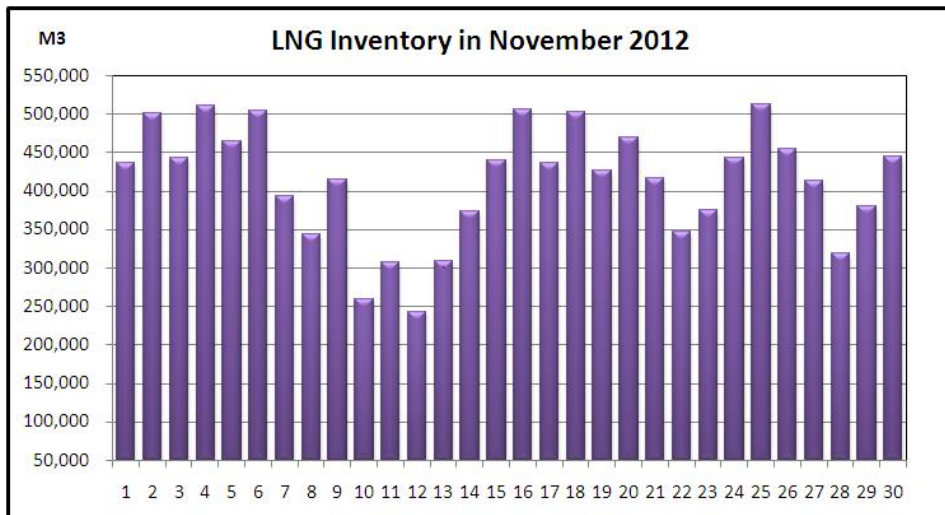
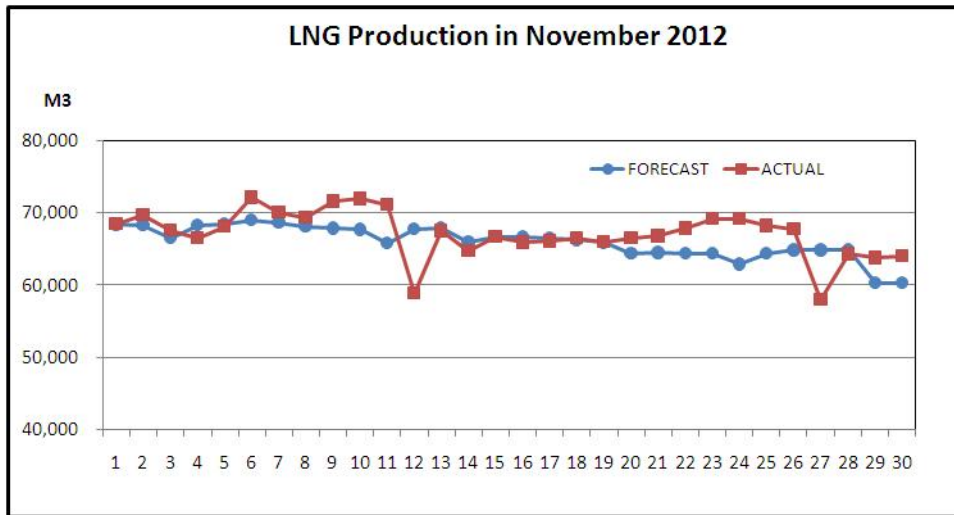
AVG COND PROD :

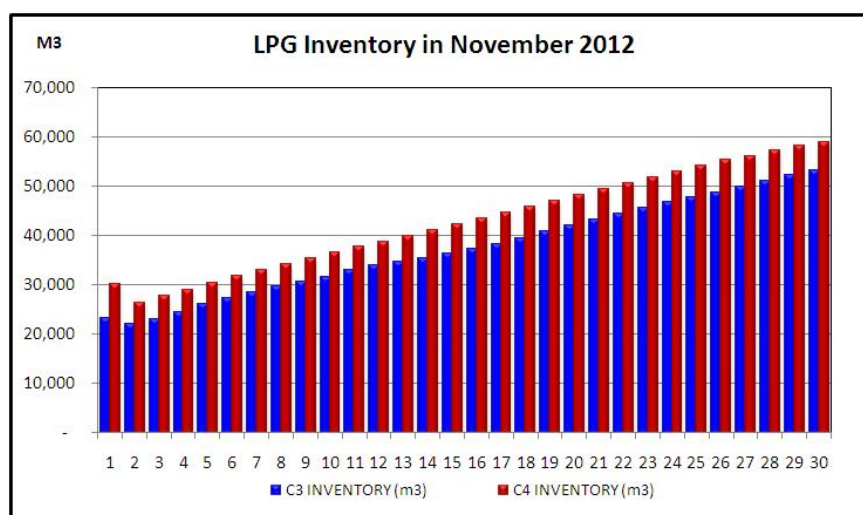
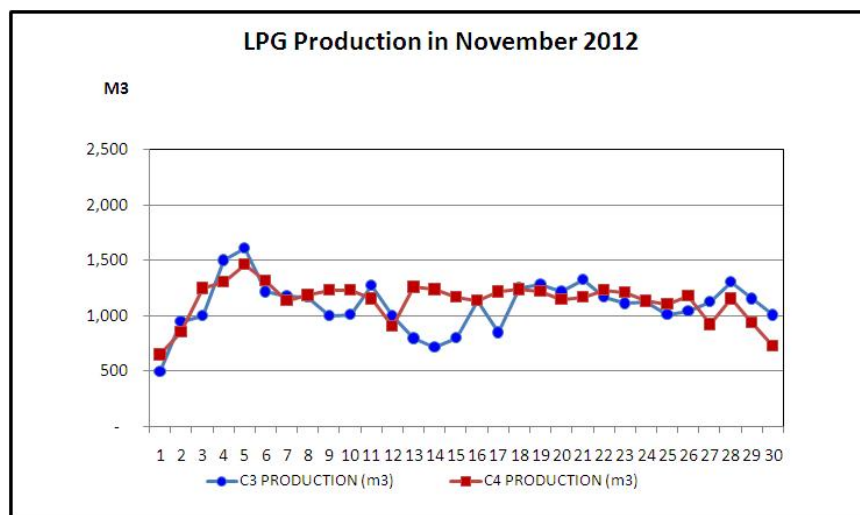
C3+C4 PRODUCTION = 46,071

AVG C3 AVG C3 : 1,135

C3+C4 LOAD =

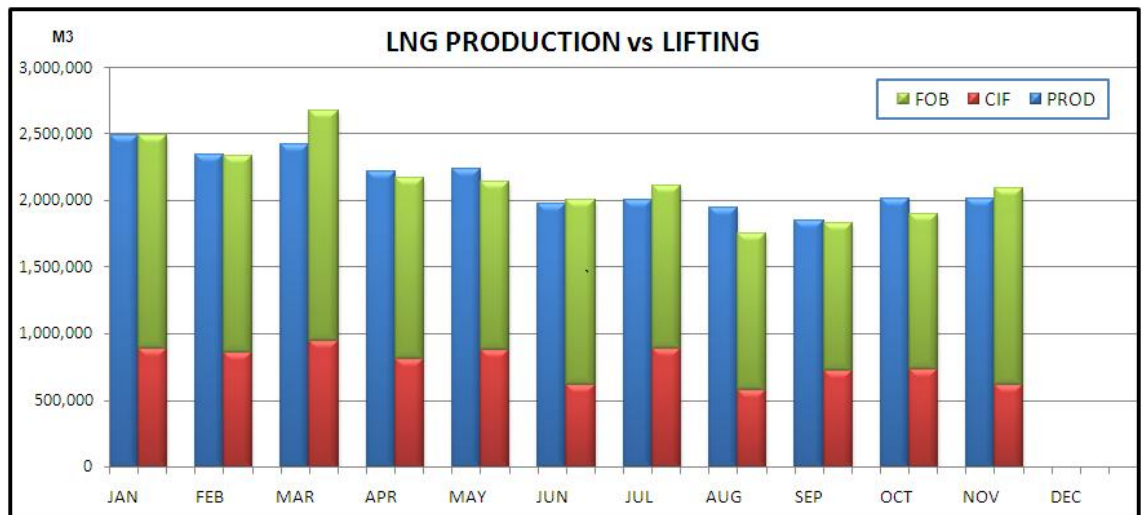
AVG C4 PROD :





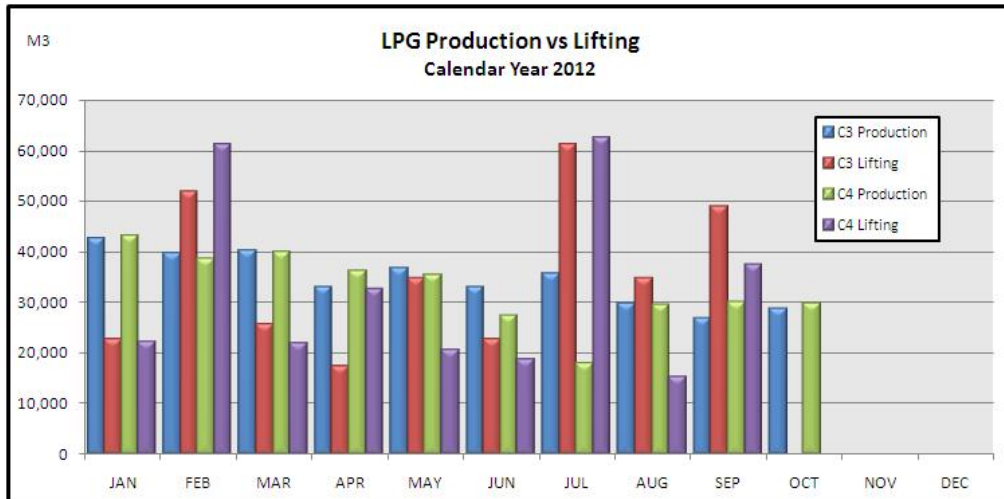
PT BADAK NGL
LNG PRODUCTION vs LIFTING
2012

MONTH	LNG PROD M3	LIFTING						PLANNED *)	
		CIF		FOB		TOTAL			
		M3	NUMBER	M3	NUMBER	M3	NUMBER	LIFTING	
JAN	2,493,552	890,005	10	1,605,804	12	2,495,809	22	22	
FEB	2,344,875	857,595	9	1,475,769	11	2,333,364	20	20	
MAR	2,426,454	952,414	8	1,723,145	13	2,675,559	21	20	
APR	2,225,039	815,676	7	1,352,436	10	2,168,112	17	18	
MAY	2,236,751	880,015	10	1,264,309	10	2,144,324	20	19	
JUN	1,983,213	618,055	8	1,385,452	10	2,003,507	18	19	
JUL	2,006,056	889,907	10	1,222,974	9	2,112,881	19	17	
AUG	1,947,646	579,504	6	1,172,802	9	1,752,306	15	17	
SEP	1,853,548	725,115	8	1,103,245	8	1,828,360	16	16	
OCT	2,013,641	730,958	8	1,171,698	9	1,902,656	17	16	
NOV	2,015,387	618,384	8	1,474,645	11	2,093,029	19	19	
DEC									
Total	23,546,162	8,557,628	92	14,952,279	112	23,509,907	204	203	

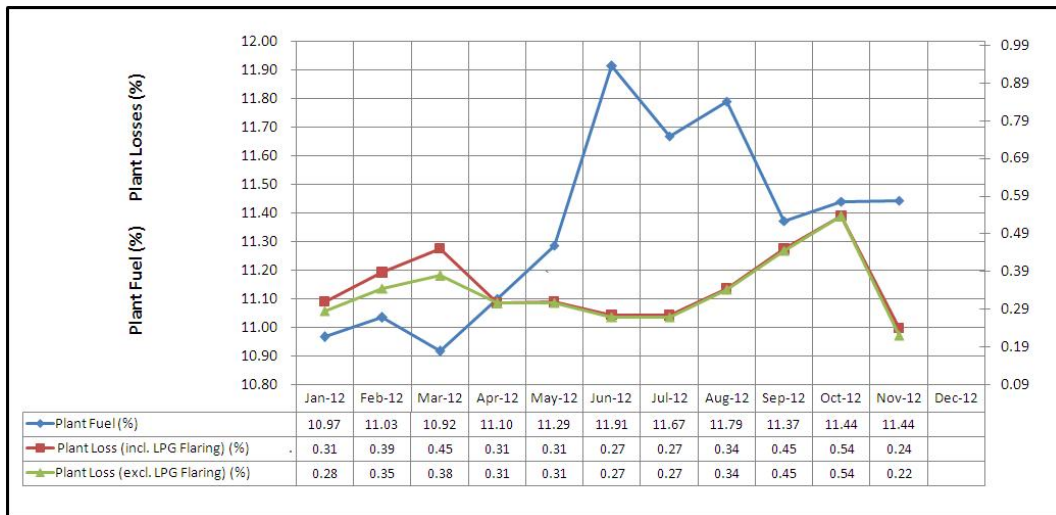


LPG PRODUCTION vs LIFTING 2012

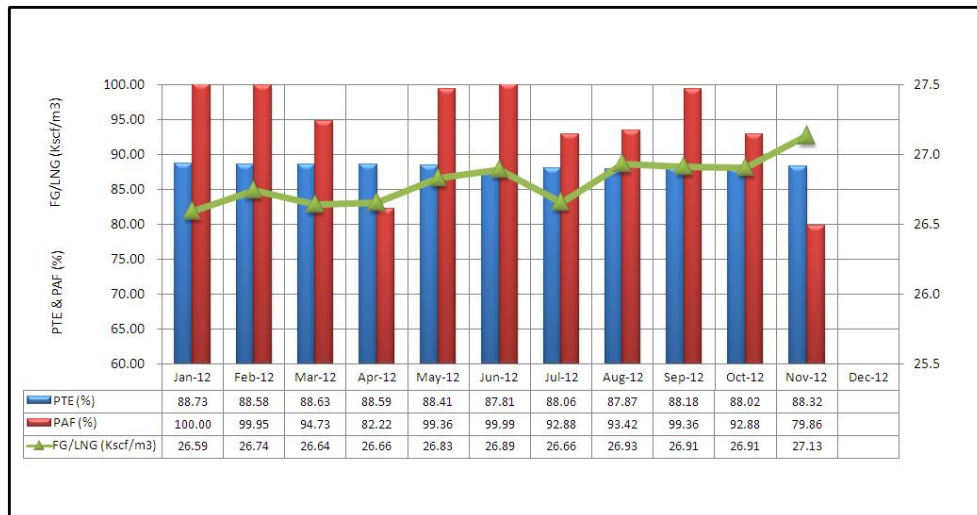
MONTH	PRODUCTION			LIFTING			
	PROPANE	BUTANE	TOTAL	PROPANE	BUTANE	TOTAL	
	M3	M3	M3	M3	M3	M3	NUMBER
JAN	42,336	42,736	85,072	22,572	21,904	44,476	1
FEB	39,251	38,324	77,575	51,540	60,722	112,262	2
MAR	39,833	39,617	79,450	25,507	21,766	47,273	1
APR	32,729	35,770	68,499	17,366	32,482	49,848	1
MAY	36,409	35,170	71,579	34,590	20,428	55,018	1
JUN	32,560	27,141	59,701	22,571	18,646	41,217	1
JUL	35,262	17,665	52,927	60,744	62,048	122,792	2
AUG	29,491	29,251	58,742	34,572	15,174	49,746	1
SEP	26,592	29,637	56,229	48,567	37,047	85,614	2
OCT	28,324	29,390	57,714	0	0	0	0
NOV	32,800	34,048	66,848	22,545	23,526	46,071	1
DEC							
Total	375,587	358,749	734,336	340,574	313,743	654,317	13



November 2012 Plant Fuel & Losses (% of INLET ENERGY)



November 2012 Plant Availability Factor (%) - Plant Thermal Efficiency (%) and FG to LNG Ratio (Kscf/m3)



GAS BALANCE

NOVEMBER 2012

Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Conversion, % of Total Input
INPUT (x1000 in MMBTU)													
Feed gas processed	70,481.4	66,583.5	69,176.8	63,231.8	63,855.7	56,314.9	56,711.9	55,344.8	52,933.7	57,309.9	57,301.2		97.96
Gas make up to fuel	1,258.3	960.3	679.9	747.8	640	1,069.8	1,048.2	1,100.5	612.1	880.1	1,012.9		1.47
Recovered condensate	377.6	400.1	324.3	311.1	451.2	338.1	411.8	347.3	291.7	326.4	336.9		0.57
Additional from LPG reinjection	0	0	0	0	0	0	0	0	0	0	0		0
TOTAL INPUT	72,117.3	67,943.9	70,181	64,290.7	64,946.9	57,722.8	58,171.9	56,792.6	53,837.5	58,516.4	58,651		100
OUTPUT (x1000 in MMBTU)													
* PRODUCT													
LNG	58,692.5	55,190.8	57,089.1	52,359.7	52,642.9	46,671.8	47,289.7	45,858	43,656.6	47,407.3	47,492.4		81.14
LPG Propane	1,168.5	1,083.7	1,099.7	905.4	1,007.1	897.9	977.5	814.6	734.7	783	908.9		1.52
LPG Butane	1,192.6	1,072.3	1,107.4	999.4	982.8	758.4	493.2	817.7	828.6	822	952		1.47
Condensate	2,932.8	2,837.3	2,907.2	2,693	2,784.3	2,359.1	2,465.2	2,410.5	2,253.2	2,495.5	2,446		4.18
Lean gas to KFP	0	0	0	0	0	0	0	0	0	0	0		
TOTAL OUTPUT	63,986.4	60,184.1	62,203.4	56,957.5	57,417.1	50,687.2	51,225.6	49,900.8	47,473.1	51,507.8	51,799.3		
OVERALL PLANT THERMAL EFFICIENCY (%)	88.73	88.58	88.63	88.59	88.41	87.81	88.06	87.87	88.18	88.02	88.32		88.31
* PLANT FUEL & LOSS (PFL)													
FUEL (x1000 MMBTU)	7,908	7,496.8	7,661.3	7,136.7	7,329.4	6,877	6,787.6	6,696.6	6,122.4	6,693.8	6,711.9		
PLANT FUEL (%)	10.97	11.03	10.92	11.1	11.29	11.91	11.67	11.79	11.37	11.44	11.44		11.33
LOSS AND MISCELLANEOUS (x1000 MMBTU)													
Flared gas (process, marine BOG, LPG BOG)	191.2	230.9	301.8	190.2	179.8	136.9	134.2	178	202.2	248.7	133.6		0.31
Refrigerant make up (MCR & Propane)	31.7	32.1	14.5	6.3	20.6	21.7	24.5	17.2	39.8	66.1	6.2		0.04
Total Loss & Misc	222.9	263	316.3	196.5	200.4	158.6	158.7	195.2	242	314.8	139.8		
PLANT LOSS (%)	0.31	0.39	0.45	0.31	0.31	0.27	0.27	0.34	0.45	0.54	0.24		0.35
TOTAL OUTPUT + PFL (%)	72,117.3	67,943.9	70,181	64,290.7	64,946.9	57,722.8	58,171.9	56,792.6	53,837.5	58,516.4	58,651		100
Total LPG used (bottle/m3):	821 / 22	700 / 19	670 / 18	903 / 24	640 / 17	538 / 15	838 / 23	736 / 20	578 / 16	640 / 17	0 / 0		

V. FINANCIAL REPORT
EXPENDITURE SUMMARY YEAR-TO-DATE
FUNDED FROM SALES REVENUES

As of November 30, 2012

(In Thousands of US Dollars)

	Year To Date		Variance Over / (Under)	Variance %	Annual Revised Budget Rp.9,000	YTD Actual Rp.9,000	Forecast Dec 2012 Rp.9,293
	Actual Rp.9,264	Revised Budget Rp.9,000					
<u>Cash Expenditures</u>							
Total Operating Expenses W/O Retirement Cost	143,602	145,923	(2,321)	(2)	155,782	145,635	157,985
Retirement Cost	32,054	33,466	(1,412)	(4)	36,477	32,848	33,531
Total Opex With Retirement Cost	175,656	179,389	(3,733)	(2)	192,259	178,483	191,516
Capital Expenditures							
Tier I	1,078	969	109	11	3,122	1,086	2,297
Tier II	748	1,593	(845)	(53)	2,390	727	2,236
Total Capital Expenditures	1,826	2,562	(736)	(29)	5,512	1,813	4,533
Working Capital Changes							
Inventory	5,258	1,274	3,984	313	269	5,412	331
Other Accounts	3,658	6,754	(3,096)	(46)	(551)	3,765	(2,027)
Total Working Capital Changes	8,916	8,028	888	11	(282)	9,177	(1,696)
Total Operating Expenditures	186,398	189,979	(3,581)	(2)	197,489	189,473	194,353
Owners' Cost Expenditures	237	450	(213)	(47)	700	237	700
Tier III Capital Expenditures	7,495	11,089	(3,594)	(32)	14,346	7,547	13,179
	7,732	11,539	(3,807)	(33)	15,046	7,784	13,879
Total Cash Expenditures\$	194,130	201,518	(7,388)	(4)	212,535	197,257	208,232
VAT on Gas Processing	15,220	15,739	(519)	(3)	19,237	15,220	16,504
Total Cash Expenditures after VAT on gas processing\$	209,350	217,257	(7,907)	(4)	231,772	212,477	224,736
Operating Expenses/ MMBTU W/O Retirement	23.92c	23.47c	0.45c	2	23.1c	24.26c	24.69c
Operating Expenses/ MMBTU With Retirement	29.26c	28.85c	0.41c	1	28.51c	29.74c	29.93c
Total MMBTU (Million)	600.23	621.71	-21.48	(3)	674.46	600.23	639.87
Standard Cargoes	188.08	194.58	-6.5	(3)	211.12	188.08	200.28

OPERATING EXPENSE - YEAR-TO-DATE

As of November 30, 2012

(In Thousands of US Dollars)

	Year To Date		Variance Over / (Under)	Variance %	Annual Revised Budget Rp.9,000	YTD Actual Rp.9,000	Forecast Dec 2012 Rp.9,293
	Actual Rp.9,264	Revised Budget Rp.9,000					
EMPLOYEE RELATED							
Empl.Compensation	40,189	42,002	(1,813)	(4)	45,406	41,174	43,234
Empl.Benefits	15,411	17,904	(2,493)	(14)	18,404	15,692	17,491
	55,600	59,906	(4,306)	(7)	63,810	56,866	60,725
Termination & Severance	18,751	20,824	(2,073)	(10)	22,787	19,238	20,002
Employee Related Tax	18,037	17,425	612	4	18,518	18,457	19,107
	92,388	98,155	(5,767)	(6)	105,115	94,561	99,834
BUSINESS RELATED							
Company Business	2,261	1,875	386	21	1,957	2,305	2,501
Medical	4,314	5,158	(844)	(16)	5,866	4,376	4,373
Training	2,041	2,169	(128)	(6)	2,250	2,084	2,226
	8,616	9,202	(586)	(6)	10,073	8,765	9,100
MATERIALS / SUPPLIES							
Catalysts & Chemicals	2,037	2,137	(100)	(5)	2,341	2,039	2,224
Operating Supplies	4,149	4,646	(497)	(11)	4,860	4,244	4,839
Fuel, Lubes & Greases	1,653	1,872	(219)	(12)	2,031	1,655	1,953
	7,839	8,655	(816)	(9)	9,232	7,938	9,016
MAINTENANCE							
Plant Maintenance	29,287	23,809	5,478	23	25,040	29,032	31,569
Community Maintenance	5,200	4,417	783	18	4,803	5,275	5,533
Other Maintenance	303	543	(240)	(44)	591	313	343
	34,790	28,769	6,021	21	30,434	34,620	37,445
SERVICES							
Equip.Rental/Leases/Charter	5,447	5,293	154	3	5,774	5,456	5,747
Communications	463	563	(100)	(18)	611	476	493
	5,910	5,856	54	1	6,385	5,932	6,240
CONTRACT SERVICES							
Computer Services	297	658	(361)	(55)	770	298	606
Catering	1,338	1,261	77	6	1,382	1,376	1,418
Pipeline Maintenance	4,587	4,110	477	12	4,423	4,587	4,987
Service Orders	2,458	2,909	(451)	(16)	3,084	2,494	2,908
General Contract Services	13,328	13,062	266	2	14,081	13,733	15,828
	22,008	22,000	8	-	23,740	22,488	25,747
OTHER EXPENSES							
Community Development	1,120	1,243	(123)	(10)	1,284	1,155	1,222
Public Relations	422	1,136	(714)	(63)	2,349	419	561
Insurance	1,988	2,126	(138)	(6)	1,343	1,988	2,169
Foundation Subsidies	1,112	1,245	(133)	(11)	1,213	1,137	1,213
Taxes	2,767	2,476	291	12	2,593	2,789	2,603
Miscellaneous	(296)	849	(1,145)	(135)	945	(213)	(357)
	7,113	9,075	(1,962)	(22)	9,727	7,275	7,411
RECOVERIES & ALLOCATIONS							
Recoveries							
- Regular	(2,072)	(941)	(1,131)	120	(1,024)	(2,101)	(2,261)
- Non Regular	(714)	(758)	44	(6)	(757)	(773)	(774)
Allocations	(222)	(624)	402	(64)	(666)	(222)	(242)
	(3,008)	(2,323)	(685)	29	(2,447)	(3,096)	(3,277)
TOTAL\$	175,656	179,389	(3,733)	(2.08)	192,259	178,483	191,516

EXPLANATION OF YEAR TO DATE VARIANCES

OPERATING EXPENSE

As of November 30, 2012

(In Thousands of US Dollars)

SUMMARY

The Operating Expenses of \$175,656 were \$3,733 (2%) under budget.

	Variances
Employee Related	(5,767)
Business Related	(585)
Materials & Supplies	(816)
Maintenance	6,021
Services	54
Contract Services	7
Other Expenses	(1,962)
Recoveries & Allocations	(685)
Total Operating Variance	(3,733)

EMPLOYEE RELATED - lower than budgeted by \$5,767 (6%)

	Year To Date			
	Without Severance		With Severance	
	Actual	Budget	Actual	Budget
Employee Related Cost - Active \$	50,336	55,202	50,336	55,202
Employee Related Cost - MPP \$	5,264	4,704	5,264	4,704
Termination & Severance	-	-	18,751	20,824
Total Employee Related Cost \$	55,600	59,906	74,351	80,730
Total Manning - Active	1,108	1,146	1,108	1,146
Total Manning - MPP	87	87	87	87
Total Manning - Active + MPP	1,195	1,233	1,195	1,233
Average Cost per empl - Active	45.43	48.17	62.35	66.34
Average Cost per empl W/MPP	60.51	54.07	60.51	54.07
Average Cost per empl - Active+MPP	46.53	48.59	62.22	65.47

1. National Employee Compensation costs were \$1,813 (4%) under budget mainly due to, salaries \$475, site allowance \$340, overtime \$338, transportation allowance \$305, risk allowance \$119. In addition there was also an under runs due to a weaker actual average year to date Rupiah exchange rate against the US Dollar of US\$1=Rp.9,264 compared with a rate of US\$1=Rp.9,000 in the revised budget (approximately 2,93%) \$985. These were partly offset by higher cost due to other compensation \$530 and leave allowance \$219.

- National Employee Benefits costs were \$2,493 (14%) under budget mainly due to lower pension fund \$994, education assistance \$485, reward 20th service award \$250, lebaran bonus \$241, housing allowance \$29, KBPR allowance \$154, saving plan \$127, Tugu Mandiri Ins \$86, Jamsostek \$39 and other benefit \$2. In addition, there was an under runs for a weaker rupiah exchange rate \$281. These were partly offset by higher cost due to cost for KPI Bonus \$178 and service award (UTD) \$17
- Termination & Severance Payment costs were \$2,073 (10%) under budget mainly due to lower cost for termination/severance payment \$955, early retirement \$755 and other relocation cost \$22. In addition, there was an under runs for a weaker rupiah exchange rate \$487. These were partly offset by higher cost due to employee retirement lumpsum \$146

Age	Year To Date		
	Manning	Amount	
	2012		
	Manning	Amount	
50	64	3,498	40%
53	73	4,386	60%
55	60	8,230	90%
56	73	2,074	100%
Early Retirement	2	96	100%
Others		467	
TOTAL	272	18,751	

- Employee Related Tax cost were \$ 612 (4%) over budget mainly due to higher cost for tax allowance on compensation & benefits \$1,126. These were partly offset by under runs due to lower cost for a weaker rupiah exchange rate \$420. These were partly offset by under cost due to cost for termination & relocation \$ 94

BUSINESS RELATED - lower than budgeted by \$586 (6%).

- Company business costs were \$386 (21%) over budget mainly due to higher cost for domestic \$359 and overseas company business \$27.
- Medical costs were \$844 (16%) under budget mainly due to lower cost for capitation for PISA \$486, eyeglasses \$259 and retirees \$99
- Training costs were \$128 (6%) under budget mainly due to lower cost for training domestic \$154. These were partly offset by over runs due to higher cost for training overseas \$26.

MATERIAL/SUPPLIES - lower than budgeted by \$815 (9%).

- Catalysts & Chemicals costs were \$100 (5%) under budget mainly due to lower cost molesieve \$320, others catalyst & chemical \$179, sulfuric acid \$104, optisperse \$44, Caustic soda \$32, charcoal \$23, regenamine \$22, calcium hypochlorite \$20, optimeen \$16 and lime hydrated \$15. These were partly offset by over runs due to higher cost for MDEA (consisting of Train A-D \$171 and Trains E-H \$436) \$609, ferrosperse \$54 and ucarsol \$12.

2. Operating Supplies costs were \$497 (11%) under budget mainly due to lower cost for, computer software \$337, household furniture & consumable \$290, , non consumable house hold appliances \$207, uniform & costumes \$83, plant operating material \$79, office furniture \$67, repair part \$25 and construction material \$15. These were partly offset by over runs due to, safety related material supply \$273, other operating supplies \$150, computer supplies \$120, tools \$45 and Office Supplies Routine \$18
3. Fuel, Lubes & Greases costs were \$218 (12%) under budget mainly due to lower cost for diesel fuel \$520 and premium fuel \$61. These were partly offset by over runs due to Lubes & Greases \$363

MAINTENANCE - Over than budgeted by \$6.021 (21%)

1. Plant Maintenance costs were \$5,479 (23%) over budget mainly due to higher cost for outside repair \$4,205, materials \$4,252 and other maintenance \$163. These were partly offset by under runs due to job contract \$2,096 and contract labor \$1,045. The breakdown of plant maintenance costs variance is:

	<u>Actual</u>	<u>Budget</u>	<u>Var.</u>	<u>Explanation</u>
Shutdown Activities	2,075	2,315	(240)	Lower cost due to under spent by USD 240K because of execution of Train C Shutdown was postponed to November and has not been charged.
Maintenance Repair	7,535	3,823	3,712	Higher Actual costs due to : 1. Execution of carry over year 2011 Work Programs (USD 1,963K) 2. Unbudgeted repair Ground Flare #3 (USD 249K) 3. Unbudgeted repair of 17-G-1B pump due to locked rotor (USD 204K) 4. Unbudgeted replacement of ASTM A333 piping at Plant 38 (USD 83K) 5. Mud cleaning in Basin CWP 1 ~ 10 (USD 65K) 6. Purchase of materials for Expansion Joint 28" at 24-PIPE-0 (USD 250K) 7. Repair grounding system at Train H (USD 292K) - unbudgeted 8. Purchase material for replace filter air intake 31PG-15 & Mech seal 1G-4A due to leak. 9. Various repair work
PM / PDM	1,255	655	600	Actual costs was higher than YTD budget by USD 599K because of actual quantity and unit price of materials and work items were higher than plan/estimate.
Civil Work	3,251	3,124	127	Actual costs was higher than YTD budget by USD 88K because of: 1. Execution of carry over year 2011 work programs (preparation for Proper Certification: road marker, repainting, renovation) 2. Unbudgeted work programs such as Construct Shipyard at Marina (USD 67K).

Mechanical Work	2,357	1,455	902	Actual costs was higher than YTD budget by USD 902K because of carry over year 2011 Work Programs such as: 1. Swivel joint 40" (USD 330K) 2. Replacement of defective 24" at Train CD (USD 102K) 3. Various PO materials (USD 469K).
Machinery Heavy Equip. Works	5,795	3,230	2,565	Actual costs was higher than YTD budget by USD 2,565K because of execution of carry over year 2011 Work Programs such as: 1. Recondition of Rotor and Nozzle Box D4-KT-1, D4-KT-3 (USD 882K) 2. Services for Field Engineer - Overhaul D4-KT-1/2/3 & F4-KT-1/2/3 (USD 754K) 3. Docking repair TB-01 & TB-04 (USD 476K) 4. Rotor repairs of A2-KT-1, 24-G-5 (USD 53K) 5. Intermediate Survey 43-T-1 & 43-T-4 (USD 93K) 6. Overhaul H3-G-2B (USD 108K) 7. Inspect level "C" at 31-PT-15 (USD 35K) 8. Overhaul 31-PT-8 (USD 15K) 9. Recondition rotor & Nozzle Box G4-KT-1 (USD 308K)
Instrument Work	746	1,056	(310)	Under spent by USD 310K because of following work programs have not been completed: -Replace vent valve on the upstream LNG/LPG Arm dock # 2 - Replace desuperheater valve - Replace obsolete at Plant level switch-19 Refer to original schedule, the above work programs will be completed in December.
Electrical Work	1,702	1,803	(101)	Under spent by USD 101K because of the following work programs were still in progress: 1. Overhaul Medium Voltage Motor 2. Replace Battery UPS unit 3. Replace HVAC Air Condenser 4. Replace Battery of Fire Water engine 5. Replacement Transformer, Breakers and Water Well Panel.
Non AFE Project Works	12	82	(70)	
Support Facilities Maintenance	2,546	1,685	861	Actual costs was higher than YTD budget by USD 860K because of: 1. Overhaul of Engine BK-46 2. Execution of carry over year 2011 Work Programs: - Fabricate Fire Water Tanks for B-955 - General Overhaul of 51-BR-32 - Repair outfall G/H - Digging at 4E-1/2 concrete to inspect 3. Unbudgeted works at PSF Area 4. The additional cost of replacing the roof on the lab building.

Shipping Harbor	1,073	1,672	(599)	Under spent by USD 599K because of the following work programs were still in progress: - Special surveys of 2 units Patrol Boat. - Intermediate surveys of 3 units Mooring Boat. - Repair Navigation Aids. - Repair Mooring Boat Jetty. - Intermediate surveys for 3 units tug boat. - Special surveys for 2 units patrol boat. - 3 units Intermediate surveys for boat mooring.
Reliability Program	723	1,959	(1,236)	Under spent by USD 1,235K because of some work programs were still in progress.
Plant Inspection Works	105	414	(309)	Under spent by USD 309K because of some work programs were still in progress.
Plant Recertification Works	112	535	(423)	Under spent by USD 423K because of some work programs were still in progress.
Total	29,287	23,808	5,479	

2. Community Maintenance costs were \$783 (18%) over budget mainly due to higher cost for job contract \$ \$759, materials \$31 and others maintenance \$4. These were partly offset by under runs due to ontract labor \$11. The breakdown of community maintenance costs variance are:

	<u>Actual</u>	<u>Budget</u>	<u>Var.</u>	<u>Explanation</u>
Routine Repair & Preventive Maintenance	2,981	1,880	1,101	Higher costs due to : - Making selter in the garage shop, repaint interior and exterior wall at the middle school Vidatra. - Replacement cupboard Vidatra elementary school. - Manufacture & repair toilet in Procurement. - Replace floor tiles in G. house. - Repaint road markings at the Airport. - Road improvement in buffer zone area. - Repair and maintenance of electricity corresponding schedule.
Grass Cutting/ Ground keeping	1,285	1,093	192	Higher cost due to cutting grass community areas, public facilities and offices.
North Buffer Zone Area	607	569	38	Higher cost due to maintenance hole golf and routine work.
Lift Station Maintenance	-	43.1	(43.1)	Still in progress.
Mobile Equipment Routine Repair and Preventive Maint. LV	103	517	(414)	Lower cost due to maintenance work and repair vehicle rutine late charge.
Total:	4,976	4,102.1	873.9	
Work Programs				
Replacement AC window at Office Bldg & Facility Product < th1999 (Phasell)	-	-	-	
Roof Improvement for Guest House Phase III & Elevated Canopy(Safety aspect)	76	80	(4)	Work has been completed.
Repaint Exterior wall at PKB & Chatolic Church	-	-	-	
Replace Parkit Floor at Fitnnnes Center.	-	-	-	
Roof improvement 4 Couple PC6 Project.	75.4	75	0.4	Work has been completed.
Ditch improvement for PC 6 Milenium.	-	50	(50)	Job are still running 85%.
Roof & Floor Improvement for North Bufferzone	-	30	(30)	Job are still running 20 %.
Repaint Exterior wall at PKB & Chatolic Church	22	20	2	Work has been completed.

Replacement AC window Product < th 1999 (Phase II vs	50.4	60	(9.6)	Work has been completed.
Total:	5,199.8	4,417.1	782.7	

- Other Maintenance costs were \$240 (44%) under budget mainly due to lower cost for communication maintenance \$163 and Jakarta office maintenance \$77

SERVICES - Over than budgeted by \$55 (1%).

- Equipment Rental/Leases/Charter costs were \$154 (3%) over budget mainly due to higher cost for other rental \$130 and domestic airplane charter \$66. These were partly offset by under runs due to office equipment \$35 and rental office/storage \$7.

CONTRACT SERVICES - lower than budgeted by \$6 (0%).

- Computer service costs were \$361 (55%) under budget mainly due to lower cost for annual technical support cost \$302 and annual technical maintenance costs \$59
- Pipeline Maintenance costs were \$477 (12%) over budget mainly due to higher cost for direct cost \$867, shared cost \$100 and overhead costs \$5. These were partly offset by under runs due to common costs \$495.
- Service Orders costs were \$451 (16%) under budget mainly due to lower cost for special program \$273, BOD & BOC expense \$203, troubleshooting \$28 and Producers assistance \$20. These were partly offset by under runs due to technical review meeting \$73

	Year To Date		Var.	Annual Budget
	Actual	Budget		
Vendor Rep. Trouble Shooting:				
Sample Delivery Fee		5	(5)	5
Vendor Free Visit	2	25	(23)	25
Special Programs:				
Fire Protection Assessment		150	(150)	150
PTAI LNG Bench Marking	132	200	(68)	200
BSO-Failure Analysis	18	75	(57)	75
Technical Exchange Forum (TRM-Overseas)	223	150	73	150
BOC & BOD & Stakeholders Management, BOD Task Force	1,204	1,516	(312)	1,612
Producers Assistance			-	
TOTAL Seconded/Employees	878	788	90	867
Others	1		1	
Total Service Orders	2,458	2,909	(451)	3,084

- General Contract Services costs were \$266 (2%) over budget mainly due to higher cost for other contract services \$1,104, office Cleaning \$141, recertification \$82, , safety reward \$70, inspections \$59 and environment protection \$31. These were partly offset by under runs due to special program \$616, long term other contract services \$337, MOU university \$155 , government agency \$65 and insect & pest control \$48. The breakdown of service orders costs variance are:

	Year To Date		Var.	Annual Budget
	Actual	Budget		
M.O.U. - Universities				
MOU-Universitas (SMP & COMMUNICATION MASTER PLAN)	-	100	(100)	100
MOU-SOP, Tech.Services, etc	-	33	(33)	50
Conduct Environ.Monitoring of LNG/LPG Plant	89	80	9	80
Studies with LAPI/ITB/ITS	-	30	(30)	30
Continuous Work Programs/ Activities				
Office Cleaning Services	1,458	1,317	141	1,437
Insect & Pest Control	208	257	(49)	280
Inspection (Inspection Section)	59			
Recertification (Merine Section)	41			
Recertification (Inspection Section)	38			
ISO 17025 Surveillance & Consultant	18	12	6	12
Mail/Courier Service	42	42	-	46
Hazardous Waste Treatment & Disposal Handling (Volume 500 ton)	106	75	31	100
Various Lumpsum Contracts				
Other Various Lumpsum Contract	10,256	9,419	836	10,254
Government Agency for Harbor	14	9	5	10
Legal Operational Assistance & Expenses	2	72	(70)	75
New Work Programs/ Activities			-	
Contract of Equipment Critical Rating (ECR), Equipment Hirarchy & Failure Mapping-Phase 1	53	100	(47)	100
Hazops Train ABCD, Utilities I & Storage & Loading	4	60	(56)	90
Knowledge Management System	-	46	(46)	50
HRD Blue Print (Updated)	-	55	(55)	55
PMI DOCK I	4	40	(36)	40
Integrated SHE-Q MS	4	35	(31)	35
GCG Ext. Assessment	-	30	(30)	30
Hari Lingkungan	-	30	(30)	30
PROPER	-	25	(25)	25
Contract for Creating SOP PRF Report and PODS System	-	20	(20)	20
SMK3 (OHSAS 18001)	12	20	(8)	20
To Create Environment Control Booklet for Environment Control Promotion	-	12	(12)	12
Migas Audit	-	10	(10)	10
Continuous Work Programs/ Activities				
Drill & Exercise ISPS Code	32	35	(3)	35
Biaya Assessment 10 Manager & 90 Supv	-	60	(60)	60
Penerbitan Sertifikat Operasi Bandar Udara LNG Badak Bontang	-	21	(21)	21
ISO 9001 : 2008 Recertification & EMS ISO 14001 : 2004 Surveillance	11	18	(7)	18
"FUGITIVE EMISSION TEST" for inspection hydrocarbon leak at Process area.	13	13	-	13
Salary Survey Base Regional & Jakarta (IICS Survey)	-	18	(18)	18
EAP (Empl. Asst. Program)	8	29	(21)	29
Market Price Survey & Price Updating	-	14	(14)	20
Public Accountant & Auditors	61	91	(30)	91
Establish LNG Academic	448	275	173	300
EPDP	91	280	(189)	280

Aviation Safety Advisor (ASA)	108	133	(25)	145
Develop SOP (Phase II) & Work Instruction for PM & PDM Fire System	56	45	11	45
ISRS-8 OMEGA Assessment	67	100	(33)	100
Jasa Consultancy Services Agree I	17	-	17	-
Others	8	-	8	-
	13,328	13,062	266	14,166

OTHER EXPENSES - lower than budgeted by \$1,962 (22%).

1. Community development costs were \$123 (10%) under budget mainly due to lower cost for government relation affairs \$192, Contribution Education \$129, infrastructure \$60, society empowerment \$25, society health \$24 and religious \$15. These were partly offset by over runs due to non kedinasan \$228, sport, art & culture \$61, external relation miscellaneous \$18 and community relation affairs \$15.
2. Public Relation costs were \$714 (63%) under budget mainly due to lower cost for BAPOR \$336, souvenirs \$162, non kedinasan \$141, publications \$59, guest/visitors \$52, and exhibitions \$51. These were partly offset by over runs due to others \$87.
3. Insurance costs were \$138 (6%) under budget mainly due to lower cost for Tug Boats Insurance \$67, Other Insurance \$54 Public & Product Liability Insurance \$42, Computers Insurance \$4, Community Facility Insurance \$3 and Plant Support Facility Insurance \$2. These were partly offset by over runs due to Fire & Explosion Insurance \$28 and Motor Vehicle Insurance \$6.
4. Foundation Subsidies costs were \$133 (11%) under budget mainly due to lower cost for YPVDP \$107, Yaumil \$22 and yayasan LNG \$4.
5. Taxes costs were \$291 (12%) over budget mainly due to higher cost for VAT non plant related \$317, Income Tax Penalty (SKPKB) \$214, land building \$131 and Registration of Vehicles \$8. These were partly offset by under runs due to corporate Tax \$315 and . Other Permits, Fees, and Regs & Taxes \$.
6. Miscellaneous costs were \$1,145 (135%) under budget mainly due to lower cost for unbudgeted favorable currency adjustment \$2,227, other company activity \$290, Price Variance \$228, Task Force Activity \$31, and membership \$17. These were partly offset by over runs due to applied freight \$1.641 and inventory discrepancy \$7.

RECOVERIES & ALLOCATIONS - higher than budgeted by \$686 (30%)

1. Recoveries were \$1,131 (120%) over budget mainly due to higher cost for rental housing \$451, recoveries air transportation \$392, medical recoveries \$274, accommodation \$77, Telephone & fax \$25, food \$18 and rental equipment \$6. These were partly offset by lower recoveries for mooring & unmooring \$96 and other recoveries \$16.
2. Allocations cost were \$402 (64%) under budget mainly due to lower cost for allocation labor to plant maintenance work order.

TIER I EXPENDITURES - YEAR-TO-DATE
As of November 30, 2012
(In Thousands of US Dollars)

AFE NO	TITLE	Year To Date		Var.	Annual Revised Budget	Total-To-Date Cost	Total Project Budget	Total Actual Rate	Forecast Year End Dec 2012
		Actual	Revised Budget						
	<u>Current Year</u>								
41112101	ESD-1 Proximity Switch for LPG Dock-2	11	75	(64)	90	11	90	11	90
41112102	Speed Camera System (1 Set) Additional	166	380	(214)	380	166	380	170	204
41112103	KBOX System Management Appliance Additional	77	82	(5)	82	77	82	78	77
41112104	High Capacity Foam Water Monitor Compl. With	1	-	1	950	1	950	1	786
41112105	New 4 wheel Drive Ambulance Additional	-	-	-	50	-	50	-	50
41112201	Hydraulic Crane 15 ton Replacement	310	-	310	400	310	400	310	310
41112202	HVOF Machine Replacement	2	-	2	120	2	120	2	120
41112203	Overhead Crane 4 Ton Replacement	63	-	63	80	63	80	63	63
41112204	Portable Radial Gasket Facing Machine	52	143	(91)	143	52	143	52	51
41112205	Lube Oil Centrifuge Replacement	-	-	-	157	-	157	-	99
41112206	Hydraulic Rolling Machine Replacement	150	-	150	300	150	300	150	150
41112207	Traffic Light (1 set) Replacement	45	67	(22)	67	45	67	46	45
	<u>Major Projects US\$50 or More</u>	<u>877</u>	<u>747</u>	<u>130</u>	<u>2,819</u>	<u>877</u>	<u>2,819</u>	<u>883</u>	<u>2,045</u>
	<u>Total Minor Projects (US\$50 or Less)</u>	<u>201</u>	<u>222</u>	<u>(21)</u>	<u>303</u>	<u>201</u>	<u>303</u>	<u>203</u>	<u>252</u>
	<u>Total Tier I</u>	<u>1,078</u>	<u>969</u>	<u>109</u>	<u>3,122</u>	<u>1,078</u>	<u>3,122</u>	<u>1,086</u>	<u>2,297</u>

EXPLANATION OF YEAR-TO-DATE VARIANCE - TIER I

As of November 30, 2012

(In Thousands of US Dollars)

1. ESD-1 Proximity Switch for LPG Dock-2 Additional - Under \$ 64

2. Speed Camera System (1 Set) Additional - under \$215

The under run of \$215 mainly due to waiting submission of the remaining Vendor invoices and lower actual prices of P13678 (saving costs).

3. Hydraulic Crane 15 ton Replacement - Over \$310

4. Overhead Crane 4 Ton Replacement - Over \$63

The over spent of \$63 mainly due to ahead submission of Vendor invoice related to P13681. The budget is available in December 2012.

5. Portable Radial Gasket Facing Machine Replacement - Under \$91

The under run of \$91 mainly due to lower actual price of P13671 (saving costs).

6. Hydraulic Rolling Machine Replacement - Over \$150

The over spent of \$150 mainly due to ahead submission of Vendor invoice related to P13682. The budget is available in December 2012.

TIER II EXPENDITURES - YEAR-TO-DATE
As of November 30, 2012
(In Thousands of US Dollars)

AFE NO	TITLE	Year To Date		Var.	Annual Revised Budget	Total-To-Date Cost	Total Project Budget	Total Actual Rate	Forecast Year End Dec 2012
		Actual	Revised Budget						
42011202	Fire Detedtion System for 4K Compressor at	128	267	(139)	272	266	411	128	241
42011203	Fire Detedtion System for 4K Compressor at	56	202	(146)	202	60	206	56	176
42011204	Trains C-H Operator Shelter Relocation	22	39	(17)	39	59	76	22	39
42011205	Disaster Recovery Center Facility (DRC) for ERP	7	84	(77)	84	567	643	7	26
42011206	Protective Relay Repl. Of Generator Feders 13.8	331	371	(40)	371	559	600	331	362
42011207	Liquid Aductor Application at DRS Plant-36	180	270	(90)	300	180	300	181	270
	Sub Total	724	1,233	(509)	1,268	1,692	2,236	725	1,114
	Current Year								
42012201	WW501 at 31-PG-10/13/14 Replacemnet	1	23	(22)	50	1	625	-	50
42012202	Fire Detector Sys at Guest House, Mass hall and	2	16	(14)	33	2	370	-	33
42012203	Fire Protection & Detection Sys in Transmitter	3	12	(9)	25	3	200	1	25
42012204	35K-3/4/5/6 Air Compressor Control System	2	7	(5)	10	2	510	-	10
42012205	Main Warehouse Roof Replacement Phase II	3	9	(6)	10	3	360	-	10
42012206	Roof & Concreate Deck Improvement at AI-	-	18	(18)	30	-	250	-	30
42012207	Retrofit Obsolete Cordless System at Dock-2 and	3	9	(6)	10	3	420	-	10
42012208	Yokogawa Centum CS HMI Retrofit at Utilities II	2	22	(20)	56	2	900	-	56
42012209	HMI and SOE Honywell Plant scape	2	16	(14)	41	2	265	-	41
42012210	Fire water Pumps realibility Improvement	5	19	(14)	69	5	500	1	69
42012211	Fire Protection System at Fuel Gas KOD 31C-	2	9	(7)	10	2	200	-	10
42012212	Land Certification	-	200	(200)	778	-	1,111	-	778
	Sub Total	24	360	(136)	1,122	24	5,711	2	1,122
	Total Tier II	748	1,593	(645)	2,390	1,715	7,947	727	2,236

WORKING CAPITAL CHANGES - YEAR-TO-DATE

As of November 30, 2012

(In Thousands of US Dollars)

Opening Balance 01/01/2012	Closing Balance 30/11/2012	Category	Year To Date			Annual Revised Budget	Actual Rp.9000	Forecast Dec 2012 Rp.9.293
			Actual	Revised Budget	Var.			
		<u>INVENTORY</u>						
		-Main Warehouse						
		Receipt	19,482	15,250	4,232	15,150	20,053	14,982
		Issued	(14,463)	(13,899)	(564)	(14,895)	(14,887)	(14,647)
		Adjustment	-	-	-	-	-	3
51,288	56,307	Total inventory	5,019	1,351	3,668	255	5,166	338
		-Other Inventory						
82	264	-Souvenir Inventory	182	23	159	14	187	114
27	84	-Others Inventory	57	(100)	157	-	59	(121)
109	348	Total Inventory Changes	239	(77)	316	14	246	(7)
51,397	56,655	TOTAL INVENTORY	5,258	1,274	3,984	269	5,412	331
		<u>OTHER WORKING CAPITAL</u>						
		Receivables						
2,810	6,780	-Commercial Receivables	3,970	2,991	979	599	4,086	520
17,626	17,941	-Employee Receivables/Loan	315	906	(591)	2,685	324	2,422
20,436	24,721		4,285	3,897	388	3,284	4,411	2,942
		Prepaid & Deferred Charges						
842	393	-PPN Creditable & PPh 22/23	(449)	(267)	(182)	618	(462)	(255)
911	1,133	-Insurance	222	253	(31)	255	229	125
145	209	-Rental	64	255	(191)	69	66	30
3,931	5,275	-Others Prepaid	1,344	33	1,311	3,317	1,383	(393)
5,829	7,010		1,181	273	908	4,259	1,216	(493)
		Accrued Liabilities						
(21,668)	(19,918)	-Account Payables	1,750	1,654	96	(4,205)	1,801	(4,771)
(4,149)	(3,355)	-Tax Payable	794	(190)	984	(328)	817	(350)
(107)	(524)	-Employee Payables	(417)	626	(1,043)	268	(429)	295
1,789	(1,961)	-Other Liabilities	(3,750)	419	(4,169)	2	(3,860)	75
(24,135)	(25,758)		(1,623)	2,508	(4,131)	(4,263)	(1,671)	(4,751)
2,130	5,973	Total Other Working Capital	3,843	6,678	(2,835)	3,280	3,956	(2,302)
		Changes w/o Miscellaneous						
(118)	(303)	Miscellaneous	(185)	75	(260)	306	(190)	275
2,012	5,670	Total Other Working Capital	3,658	6,754	(3,096)	3,586	3,765	(2,027)
		Changes with Miscellaneous						
53,409	62,325	TOTAL WORKING CAPITAL	8,916	8,028	888	3,855	9,178	(1,696)
=====	=====		=====	=====	=====	=====	=====	=====

EXPLANATION OF YEAR-TO-DATE VARIANCES
WORKING CAPITAL CHANGES

As of November 30, 2012
(In Thousands of US Dollars)

1. Total material inventory changes actual costs to be a debit amount of \$5,258 compared with the Original budget debit amount of \$ 1,274 resulting in a debit variance amount of \$3,984. This variance was mainly due to the temporary receipts of all goods purchasing which will be charged to AFE and Cost Center with amount \$2,009, as new procedure in Oracle System and some receipt for stock replenishment.

2. Total Other Working Capital changes were under budget by a total of \$3,096 due to:
 - A. Commercial Receivables changes actual costs were a debit amount of \$3,970 compared with the budget amount of \$2,991 debit. This debit variance is mostly due to raised of Jasa Pengolahan and Non Regular Revenue invoice. 979
 - B. Employee Receivables / Loans changes actual costs were a debit amount of \$315 compared with the budget amount of \$906 debit. This credit variance was mostly due to some employees submitting outstanding expense reports and lower new loans were paid (591)
 - C. PPN Creditable & PPh 22/23 changes actual costs were a credit amount of \$449 compared with the budget amount of \$267 credit. This credit variance is mostly due to the actual amount of PPN goods & services and withholding tax from customer is being increase (182)
 - D. Rental variance was a debit actual amount of \$64 compared with the budget amount of \$255 debit. This credit variance caused by too high budgeted. (191)
 - E. Others Prepaid account variance was a debit amount of \$1,344 compared with the budget amount of \$33 debit. This debit variance is mostly because of the advanced payment for fuel purchasing and AFE Purchasing. 1,311
 - F. Tax Payable account variance was a debit amount of \$794 compared with the budget amount of \$190 credit. This debit variance is mostly because of settlement for VAT Jasa Pengolahan 984
 - G. Employee Payables variance was a credit actual amount of \$417 compared with the budget amount of \$626 debit. This credit variance caused by some receipt from life insurance will be paid in next month and collection from employee salary will transfer to another parties , beside too high budgeted (1043)

H. Other Liabilities variance was a credit actual amount of \$3,750 compared with the budget amount of \$419 debit. This credit variance caused by wrong recording that will be corrected in December 2012	(4,169)
I. Miscellaneous variance was a credit actual amount of \$185 compared with the debit budget amount of \$75. This credit variance caused by received Pelsus fund from PTK that will distribute to Pertamina, Kanpel and Pelindo in December 2012.	(260)
Others, net balance	65
Total	(\$ 3,096)

TIER III EXPENDITURES - YEAR-TO-DATE
As of November 30, 2012
(In Thousands of US Dollars)

AFE NO	TITLE	Year To Date		Var.	Annual Revised Budget	Total-To-Date Cost	Total Project Budget	Total Actual Rate	Forecast Year End Dec 2012
		Actual	Revised Budget						
	Carry Forward							Actual 1	Budget 1
43009201	New Water Well Development	207	607	(400)	1,012	937	1,742	212	286
43010202	Enterprise Resource Planning (ERP) Hardware &	1,591	2,112	(521)	2,247	6,119	6,775	1,593	2,151
43010203	Community Portable & Fire Water Lines	1,170	1,332	(162)	1,784	1,336	1,950	1,206	1,709
43010204	Module I & II Cooling Water Area Realibility	437	1,230	(793)	1,537	782	4,185	434	1,351
43010205	Blackout Start UP Unit Repl.	4,040	5,039	(999)	6,519	4,106	6,584	4,052	6,435
43011201	Train F DCS Centum XL Replacement	29	493	(464)	735	37	4,435	29	735
43011202	Flare Gas Recovery (Pashe I)	21	261	(240)	492	29	2,500	21	492
	Sub Total Carry Forward	7,495	11,074	(3,579)	14,326	13,347	28,171	7,547	13,159
	<u>Current Year</u>								
43012201	ABB STAL Gas Turbine Control System (PG-15)	-	15	(15)	20	-	1,720	-	20
	Sub Total Current Year	-	15	(15)	20	-	1,720	-	20
	Total Tier III	7,495	11,089	(3,594)	14,346	13,347	29,891	7,547	13,179
		=====	=====	=====	=====	=====	=====	=====	=====

REIMBURSEMENT OWNERS' COST PROJECT

As of November 30, 2012
(In Thousands of US Dollars)

AFE NO	TITLE	Year To Date		Var.	Annual Revised Budget	Total-To-Date Cost	Total Project Budget	Total Actual Rate	Forecast Year End Dec 2012
		Actual	Revised Budget						
	PTB Scope Expenditure								
	<u>Carry Forward</u>								
46006101	Conceptual Study for Coal Fired Boiler - Contract	-	-	-	-	-	718	-	-
46006102	Conceptual Study for Coal Fired Boiler - Business	-	-	-	-	-	-	-	-
46006103	Conceptual Study for Coal Fired Boiler - Material	-	-	-	-	-	-	-	-
46009101	FEED for Various project - Contract	-	-	-	-	288	952	-	-
46009102	FEED for Various project - Business	-	-	-	-	2	-	-	-
46009103	FEED for Varios project - Material	-	-	-	-	-	-	-	-
46010101	FEED for Various Project - Contract	61	-	61	-	134	875	61	-
46010102	FEED for Various Project - Business	-	-	-	-	-	-	-	-
46010103	FEED for Various Project - Material	-	-	-	-	-	-	-	-
46011101	FEED for Various Project - Contract	-	-	-	-	5	875	-	-
46011102	FEED for Various Project - Business	-	-	-	-	-	-	-	-
46011103	FEED for Various Project - Material	-	-	-	-	-	-	-	-
	Sub Total	61	-	61	-	429	3,420	61	-
	<u>Current Year</u>								
46012101	FEED for Various Project - Contract	3	150	(147)	200	3	200	3	200
46012102	FEED for Various Project - Business	-	-	-	-	-	-	-	-
46012103	FEED for Various Project - Material	-	-	-	-	-	-	-	-
46012104	FEED for Various Project - Contract	173	300	-	500	173	500	173	500
46012105	FEED for Various Project - Business	-	-	-	-	-	-	-	-
46012106	FEED for Various Project - Material	-	-	-	-	-	-	-	-
	Sub Total	176	450	(147)	700	176	700	176	700
	Total Expenditures	237	450	(86)	700	605	4,120	237	700

OPERATING EXPENSE - CURRENT MONTH

As of November 30, 2012

(In Thousands of US Dollars)

	Actual	Revised Budget	Variance Over / (Under)	Variance %	Annual Revised Budget	Forecast Dec 2012 Rp.9.293
EMPLOYEE RELATED						
Empl.Compensation	3,041	3,377	(336)	(10)	45,406	
Empl.Benefits	685	794	(109)	(14)	18,404	
	3,726	4,171	(445)	(11)	63,810	
Termination &	918	1,931	(1,013)	(52)	22,787	
Employee Related Tax	994	1,199	(205)	(17)	18,518	
	5,638	7,301	(1,663)	(23)	105,115	
BUSINESS RELATED						
Company Business	181	174	7	4	1,957	
Medical	34	64	(30)	(47)	5,866	
Training	114	140	(26)	(19)	2,250	
	329	378	(49)	(13)	10,073	
MATERIALS /						
Catalysts & Chemicals	1,390	172	1,218	708	2,341	
Operating Supplies	42	275	(233)	(85)	4,860	
Fuel, Lubes & Greases	289	160	129	81	2,031	
	1,721	607	1,114	184	9,232	
MAINTENANCE						
Plant Maintenance	3,291	1,631	1,660	102	25,040	
Community	846	401	445	111	4,803	
Other Maintenance	29	48	(19)	(40)	591	
	4,166	2,080	2,086	100	30,434	
SERVICES						
Equip.	482	482	-	-	5,774	
Communications	34	50	(16)	(32)	611	
	516	532	(16)	(3)	6,385	
CONTRACT SERVICES						
Computer Services	-	41	(41)	(100)	770	
Catering	92	117	(25)	(21)	1,382	
Pipeline Maintenance	1,163	314	849	270	4,423	
Service Orders	119	211	(92)	(44)	3,084	
General Contract	1,301	1,292	9	1	14,081	
	2,675	1,975	700	35	23,740	
OTHER EXPENSES						
Community	186	75	111	148	1,284	
Foundation Subsidies	40	106	(66)	(62)	1,213	
Public Relations	174	217	(43)	(20)	2,349	
Insurance	107	125	(18)	(14)	1,343	
Taxes	127	20	107	535	2,593	
Miscellaneous	(115)	207	(322)	(156)	945	
	519	750	(231)	(31)	9,727	
RECOVERIES &						
Recoveries						
- Regular	(122)	(85)	(37)	44	(1,024)	
- Non Regular	479	(4)	483	(12,075)	(757)	
Allocations	(73)	(49)	(24)	49	(666)	
	284	(138)	422	(306)	(2,447)	
TOTAL\$	15,848	13,485	2,363	18	192,259	
Operating Expenses/	29.87c	25.27c	4.6c	18	28.51c	
Total MMBTU	53.05	53.36	-0.31	(1)	674.46	
Standard Cargoes	16.74	16.67	0.07	-	211.12	

EXPLANATION OF CURRENT MONTH VARIANCES
OPERATING EXPENSES
As of November 30, 2012
(In Thousands of US Dollars)

	Current Month			
	Without Severance		With Severance	
	Actual	Budget	Actual	Budget
	Actual	Budget	Actual	Budget
Employee Related Cost - Active \$	3,401	3,876	3,401	3,876
Employee Related Cost - MPP \$	325	295	325	295
Termination & Severance	-	-	918	1,931
Total Employee Related Cost \$	3,726	4,171	4,644	6,102
Total Manning - Active	1,079	1,117	1,079	1,117
Total Manning - MPP	82	82	82	82
Total Manning - Active + MPP	1,161	1,199	1,161	1,199
Average Cost per empl - Active	3.15	3.47	4	5.2
Average Cost per empl W/MPP	3.96	3.6	3.96	3.6
Average Cost per empl - Active + MPP	3.21	3.48	4	5.09

1. Employee compensation costs were under budget mainly due to lower cost for, leave allowance and airfare compensation \$169, salary \$129, transportation allowance \$41, risk allowance \$14, other compensation \$9 and site allowance \$2. These were partly offset by over runs due to overtime \$28 (336)
2. Employee benefit costs were under budget mainly due to lower cost for , reward 20th service award \$69, education assistance \$41, saving plan \$24, pension fund \$19, , jamsostek \$9 and other benefits \$7. These were partly offset by over runs due to long service award (UTD) \$50, housing allowance \$6 and Pilgrimage Assistance (Haji) \$4 (109)
3. Termination & Severance Payment costs were under budget mainly due to lower cost for employee retirement lumpsum \$743, termination/severance payment \$146, early retirement \$78 and others relocation cost \$48. (1,013)

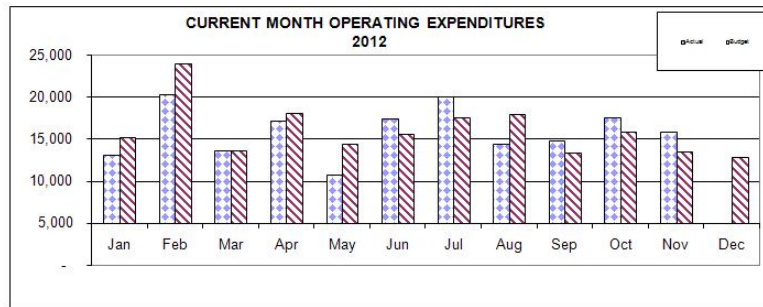
Age	Current Month		
	Manning	Amount	
50	3	207	40%
53	6	297	60%
55	2	243	90%
56	8	171	100%
Early Retirement			100%
Others			
TOTAL	19	918	

4. Employee Related Tax costs were under budget mainly due to lower cost for tax allowance on employee relocation \$137 and tax allowance compensation & benefits \$68. (205)
5. Catalyst & chemical were over budget mainly due to higher cost for MDEA \$903, Ferrosperse \$137 , optimeen \$79, regenamine \$53, Caustic Soda \$28, Cortrol Os-7780 \$16, lime hydrated \$6, calcium hypochlorite \$6 and others catalyst & chemical \$31. These were partly offset by under runs due to 1,218

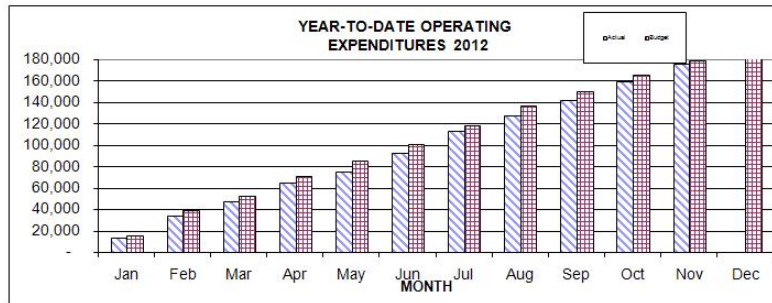
molesieve \$38 and sulfuric acid \$3

6. Operating Supplies costs were under budget mainly due to lower cost for , repair part \$396, computer software \$8 tools \$4 and plant operating material & supply \$3. These were partly offset by over runs due to non consumable house hold appliances \$61, computer supplies \$55, other operating supplies \$25,office supply routine \$10, safety related material supplies \$10, Non Consumable Household Appliances \$6, Office furniture \$5, construction material \$3 and Medical Supplies \$3	(233)
7. Fuel, Lubes & Greases costs were over budget mainly due to higher cost for diesel fuel \$105, premium fuel \$23 and lubes & greases \$1.	129
8. Plant Maintenance costs were over budget mainly due to higher cost for, material \$1,100 and outside repair \$1,045 and other maintenance \$1. These were partly offset by under runs due to contract labor \$403 and job contract \$83.	1,660
9. Comm Maintenance costs were over budget mainly due to higher cost for outside repair \$321, job contract \$99 and material \$27 . These were partly offset by under runs due to contract labor \$2	445
10 Pipeline costs were over budget mainly due to higher costs for common cost \$375, direct cost \$282, shared cost \$147 and over head \$45.	849
11 Community Development costs were over budget mainly due t Contribution Religious o higher cost for Society Empowerment \$113, Contribution Infrastructure \$12 and Contribution Religious \$2. These were partly offset by under runs due to Comdev Society Health \$8, Government Relation Affairs \$5 and Contribution Education \$3	111
12 Taxes costs were over budget mainly due to higher costs for VAT Non Plant Related \$72, Income Tax Penalty (SKPKB) \$35 and Registration of Vehicles \$ 10. These were partly offset by under runs due to Land & Building Tax (PBB) \$10	107
13 Miscellaneous costs were under budget mainly due to applied freight \$159, other company activity \$159 and currency adjustment \$131. These were partly offset by over runs due to Subscriptions \$88, inventory discrepancy \$39	(322)
14 Non Regular Recoveries were over budget mainly due to higher recoveries for on the job training \$483	483
15 Others, net balance	(421)
Total	\$2,363

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actual	13,157	20,332	13,672	17,186	10,770	17,456	20,114	14,507	14,833	17,533	15,848	
Budget	15,167	23,968	13,599	18,100	14,445	15,655	17,645	17,941	13,456	15,926	13,485	12,871



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actual	13,157	33,489	47,161	64,347	75,117	92,822	112,935	127,442	142,275	159,808	175,656	
Budget	15,167	39,135	52,735	70,835	85,280	100,935	118,581	136,522	149,978	165,904	179,389	192,259



CASH SUMMARY YEAR TO DATE

As of November 30, 2012
(In Thousands of US Dollars)

	2012 MMBTU ESTIMATE %	CASH BAL DEC 31, 2011	CASH CALL DRAW DOWN	TOTAL OPERA- TING COST	TIER II	TIER III OTHER PROJECT	REIMBURS ABLE AFE	TOTAL CASH EXPENDI- TURES	CASH BALANCE November 30, 2012
Package II Contracts :	(1)	(2)	(3)	A	B	C	D	(4)	(6)
Badak 81 S/C Original Qty	-	(724)	-	-	-	-	-	-	(724)
Package III Contracts :									
Badak 81 S/C Additional Qty	-	456	-	-	-	-	-	-	456
CPC Taiwan (BY)	-	21,490	-	-	-	-	-	-	21,490
LPG Compensatory	-	(21,236)	-	-	-	-	-	-	(21,236)
	-	711	-	-	-	-	-	-	711
K C O Proceeds Percentage	-	665	-	-	-	-	-	-	665
Package IV Contracts:									
Korean II (BF)	6.72	(9,285)	9,000	(12,476)	(50)	(504)	(16)	(13,046)	(13,331)
Badak IV (BB)	19.3655	9,431	41,300	(35,952)	(145)	(1,451)	(46)	(37,594)	13,136
MCGC (BM & BO)	3.3999	6,459	5,500	(6,312)	(25)	(255)	(8)	(6,600)	5,358
	29.4854	6,604	55,800	(54,740)	(221)	(2,210)	(70)	(57,240)	5,164
Package V Contracts:									
1973 Extension (BZ)	-	8,445	-	-	-	-	-	-	8,445
Inactive LNG Sales Contract	-	(24,027)	-	-	-	-	-	-	(24,027)
L P G	-	19,151	-	-	-	-	-	-	19,151
Refund Drawdown BLRE	-	-	-	-	-	-	-	-	-
	-	3,570	-	-	-	-	-	-	3,570
Package VI Contracts:									
Badak 81 S/C Extension	-	(22,585)	-	-	-	-	-	-	(22,585)
Badak V (KGC) (BV)	8.7584	8,711	16,500	(16,260)	(66)	(656)	(21)	(17,003)	8,209
Badak VI (CPC) (BW)	16.2848	12,187	33,800	(30,233)	(122)	(1,221)	(39)	(31,614)	14,373
	25.0432	(1,686)	50,300	(46,493)	(187)	(1,877)	(59)	(48,616)	(3)
Package VII Contracts:									
Inactive LNG Sales Contract	-	(5,796)	-	-	-	-	-	-	(5,796)
73 Excess Quantities	-	(361)	-	-	-	-	-	-	(361)
Badak 81 S/C Extension (BX)	-	3,428	-	-	-	-	-	-	3,428
73 Sales Contract Extension (BZ)	-	9,406	-	-	-	-	-	-	9,406
LPG	-	5,840	-	-	-	-	-	-	5,840
Additional sales Korea (BN)	-	(11,807)	-	-	-	-	-	-	(11,807)
	-	710	-	-	-	-	-	-	710
MAHAKAM 100%									
81s/c-3rd A/R Mahakam 100 (BX)	8.5995	(835)	22,000	(15,965)	(64)	(645)	(20)	(16,694)	4,471
73 s/c - 3rd A/R Mahakam 100 (BZ)	16.2013	2,891	29,600	(30,078)	(121)	(1,214)	(38)	(31,452)	1,040
Additional Sales Korea BN/BT	9.1644	(6,229)	20,000	(17,014)	(69)	(687)	(22)	(17,791)	(4,020)
LNG JAVA (BR)	7.7174	-	16,300	(14,327)	(58)	(578)	(18)	(14,982)	1,318
	41.6826	(4,173)	87,900	(77,384)	(312)	(3,124)	(99)	(80,918)	2,808
Agreed Percentages :			-						
Korea II 2001/2002 Ex ARUN	-	(1,192)	-	-	-	-	-	-	(1,192)
Korea II 2003 New Arrangement	-	5,165	-	-	-	-	-	-	5,165
	-	3,973	-	-	-	-	-	-	3,973
Others:									
Spot Cargo (BS01)	-	(579)	-	-	-	-	-	-	(579)
Tangguh Swap	-	(2,599)	-	-	-	-	-	-	(2,599)
CLA	-	(1,595)	-	-	-	-	-	-	(1,595)
CLS	-	(532)	-	-	-	-	-	-	(532)
	-	(5,305)	-	-	-	-	-	-	(5,305)
LPG	3.7888	(3,655)	-	(7,034)	(28)	(284)	(9)	(7,355)	(11,010)
Total	100	689	194,000	(185,650)	(748)	(7,495)	(237)	(194,130)	559

Note Notes : CASH SUMMARY FOR NON CASH CALL BASIS

* End.Bal.Marine/Pelsus 64, * End. Bal. Non Regular Recoveries 5,437

OPERATING EXPENSES FORECAST VS ANNUAL BUDGET

As of December 31, 2012

(In Thousands of US Dollars)

	Forecast December 2012 Rp.9.293	Annual RB 2012 Rp.9,000	Variance Over / (Under)	Variance %
EMPLOYEE RELATED				
Empl.Compensation	43,234	45,406	(2,172)	(5)
Empl.Benefits	17,491	18,404	(913)	(5)
	60,725	63,810	(3,085)	(5)
Termination & Severance	20,002	22,787	(2,785)	(12)
Employee Related Tax	19,107	18,518	589	3
	99,834	105,115	(5,281)	(5)
BUSINESS RELATED				
Company Business	2,501	1,957	544	28
Medical	4,373	5,866	(1,493)	(25)
Training	2,226	2,250	(24)	(1)
	9,100	10,073	(973)	(10)
MATERIALS / SUPPLIES				
Catalysts & Chemicals	2,224	2,341	(117)	(5)
Operating Supplies	4,839	4,860	(21)	(0)
Fuel, Lubes & Greases	1,953	2,031	(78)	(4)
	9,016	9,232	(216)	(2)
MAINTENANCE				
Plant Maintenance	31,569	25,040	6,529	26
Community Maintenance	5,533	4,803	730	15
Other Maintenance	343	591	(248)	(42)
	37,445	30,434	7,011	23
SERVICES				
Equip.Rental/Leases/Charter	5,747	5,774	(27)	(0)
Communications	493	611	(118)	(19)
	6,240	6,385	(145)	(2)
CONTRACT SERVICES				
Computer Services	606	770	(164)	(21)
Catering	1,418	1,382	36	3
Pipeline Maintenance	4,987	4,423	564	13
Service Orders	2,908	3,084	(176)	(6)
General Contract Services	15,828	14,166	1,662	12
	25,747	23,825	1,922	8
OTHER EXPENSES				
Community Development	1,222	1,284	(62)	(5)
Public Relations	561	1,213	(652)	(54)
Insurance	2,169	2,349	(180)	(8)
Foundation Subsidies	1,213	1,343	(130)	(10)
Taxes	2,603	2,508	95	4
Miscellaneous	(357)	946	(1,303)	(138)
	7,411	9,643	(2,232)	(23)
RECOVERIES & ALLOCATIONS				
Recoveries				
- Regular	(2,261)	(1,024)	(1,237)	121
- Non Regular	(774)	(757)	(17)	2
Allocations	(242)	(666)	424	(64)
	(3,277)	(2,448)	(829)	34
TOTAL\$	191,516	192,259	(743)	(0.39)

OPERATING EXPENSES FORECAST VS ORIGINAL REVISED BUDGET 2012

SUMMARY EXPLANATION BY CATEGORY

(In Thousands of US Dollars)

	<u>\$</u>	<u>%</u>	Explanation
			The Operating Expenses forecast year-end 2012 of \$191,516 shows a decrease of \$743 or 0.39% compared with the revised budget 2012 of \$192,259. The major variances are explained below:
EMPLOYEE RELATED			
Employee Compensation	(2,173)	(5)	Under budget mainly due to lower cost for salary \$1.170, site allowance \$434, transport allowance \$405, overtime \$384, risk allowance \$152, leave allowance \$110. These were partly offset by over runs due to Other Compensation \$482
Employee Benefits	(913)	(5)	Under budget mainly due to lower cost for education assistance \$541, lebaran bonus \$353, Reward 20 th service award \$253, Savings Plan (YTP) \$166, KBPR \$154, Tugu mandiri insurance \$99, Jamsostek Insurance \$71, other benefits \$40 and housing allowance \$25. These were partly offset by over runs due to pension fund \$354, Long service Award \$257 and Production Bonus \$178.
Termination & Severance Payment	(2,785)	(3)	Under budget mainly due to lower cost for retiremen lumpsum \$1.359, early retirement \$748, termination/severance payment \$619 and other relocation \$59
Employee Related Tax	589	3	Over budget mainly due to higher cost for tax allowance on employee compensation & benefit \$853. These were partly offset by under runs due to tax allowance on employee relocation \$264
BUSINESS RELATED			
Company Business	545	28	Over budget mainly due to over runs for domestics company business \$447 and overseas company business \$98.
Medical	(1,493)	(25)	Under budget mainly due to lower cost for Eyeglasses \$279, Capitation for PISA \$784 and other business \$430
MATERIALS/SUPPLIES			
Catalysts & Chemicals	(117)	(5)	Under budget mainly due to lower cost for Molesieve \$150, sulfurid acid \$122, Caustic Soda \$52, optisperse \$49, Optimeen \$30, Calsium Hypochloride \$24, Charcoal \$23, regenamine \$22, Lime Hydrated \$19. These were partly offset by over runs due to MDEA \$538, other catalyst \$21, and ferrosperse \$7.,
MAINTENANCE			
Plant Maintenance	6,529	26	Over budget mainly due to higher cost for: * Higher cost due to several programs such as Civil, Mechanical, Heavy Machinery Equipment, Instrument, Electrical that it should have its own budget, but allocated in this Repair Maintenance. Those activities have been done during shutdown period (scheduled, idle or unscheduled) - Unpredicted work order, material purchase as well as services contract. - Carried over work order from 2011 * Plant equipment including preventive maintenance inspection work for boilers, certification and equipment regularly scheduled include: Pumps, Generators, PSV, Electric motors, transformers, column, battery, etc. Also due to the work that should have been allocated to the respective work programs.
Community Maintenance	730	15	Over budget mainly due to higher cost for routine repair & preventive maintenance \$730.
Others Maintenance Expenses	(248)	(42)	Under budget mainly due to lower cost for communication maintenance \$167 and Jakarta office maintenance \$81.

SERVICES

Communication	(118)	(19)	Under budget mainly due to lower cost for other communication \$ 89, Radio Licence Fee - PKK \$15 and Facsimile \$14 .
Communication	-	-	Under budget mainly due to lower cost for charter Airplane \$870, Rental Tug Boat \$264 and rental office equipment \$47.
Computer Service	(164)	(21)	Under budget mainly due to for Annual Technical Support \$145 and Annual Technical Maint. - Main Frame \$19.
Pipeline Maintenance	564	13	Over budget mainly due to higher costs for Direct Costs\$840 and Shared Costs \$5. These were partly offset by under run due to Common Costs\$263 and Overhead\$18.
Service Order Work Programme	(176)	(6)	Under budget mainly due to lower costs for producer assistance \$ 99, BOD,BOC & stakeholder \$ 98, vendor rep.troubleshooting\$28 and special studies/program \$23.These were partly offset by over run due to technical review meeting
General Contract Services	1,663	12	Over budget mainly due to higher costs for others contract services \$1.870, recertification \$82, long term & others contract services \$73, Safety Reward \$60,inspection \$59, office cleaning \$21 and environmental protection \$6. These were partly offset by under run due to special program \$192, University - MOU - Tech.Serv \$172, insect & pest control \$71, Government Agency \$68 and mail/courier services \$5.
OTHER EXPENSES			
Public Relation	(652)	(54)	Under budget mainly due to lower cost for Bapor \$236, Souvenir \$162, Non Kedinasan \$157, Guests/Visitors \$58 and publications \$39.
Insurance	(180)	(8)	Under budget mainly due to lower cost for Fire & Explosion Insurance\$127,Tug Boats Insurance \$67, Public & Product Liability Insurance\$61, Computers Insurance \$4 and facilitu insurance \$4. These were partly offset by under run due to Other Insurance \$77 and Motor Vehicle Insurance \$6.
Foundation Subsidies	(130)	(10)	Under budget mainly due to lower cost for YPVDP \$148 and HOP \$28. These were partly offset by under run due to Yaumil \$46.
Miscellaneous	(1,303)	(138)	Under budget mainly due to lower for currency Adj \$ 2.412 and member ships \$19, . These were partly offset by over run due to applied freight \$665 and other company activities \$ 463
Recoveries	(1,236)	121	Over budget mainly due to higher for Rental Housing \$493, Air Transportation - recoveries \$428, Medical \$299, Accommodation \$84, Telephone & Fax \$27 and Food Recoveries \$20. These were partly offset by under for mooring & unmooring \$105 and others recoveries \$10.
Allocations	424	(64)	Under budget mainly due to lower cost for Labor Allocation from Maintenance\$384 and Cost Allocation to Projects \$40

VI. PROJECT STATUS

VI.1 EXECUTIVE SUMMARY :

The overall progress actual versus plan of Capital Projects TIER I, II and III is as follow:

PROJECT CATEGORY	TOTAL TO DATE				TOTAL OVERALL PROJECT (x 1,000 US\$)	
	PHYSICAL (%)		FINANCIAL (x 1,000 US\$)		FORECAST	PLAN
	ACTUAL	PLAN	ACTUAL	PLAN		
[A]	[B]	[C]	[D]	[E]	[F]	[G]
TIER I:						
- PURCHASES ONLY	91.05	85.39	1,067	894	2,207	3,032
- CONSTRUCTION	100	83.33	11	75	35	90
TOTAL TIER I	91.31	85.33	1,078	969	2,242	3,122
TIER II:						
- CARRY FORWARD	97.88	95.13	1,691	2,201	2,010	2,236
- CURRENT YEAR	3.88	2.32	24	360	5,711	5,711
TOTAL TIER II	30.33	28.43	1,715	2,561	7,721	7,947
TIER III:						
- CARRY FORWARD	67.82	67.3	13,347	16,924	25,731	28,171
- CURRENT YEAR	0.57	0.67	-	15	1,720	1,720
TOTAL TIER III	63.95	63.47	13,347	16,940	27,451	29,891
GRAND TOTAL	59.52	58.34	16,140	20,469	37,414	40,960

PHYSICAL STATUS

The overall Progress of the Tier I, II and III Projects is 59.52% Actual Vs 58.34% Plan, i.e. 1.18% ahead schedule, nevertheless detail status as follow:

- Tier I PO: 5.66% ahead due to all PO has been created and some material already received ahead schedule
- Tier I CY: 16.67% ahead due to Construction works has completed
- Tier II CF: 2.75% ahead due to Construction progress were ahead schedule
- Tier II CY: 1.56% ahead due to Engineering progress were ahead schedule
- Tier III CF: 0.52% ahead due to Community Potable Water & test genset for BOSU Project has completed
- Tier III CY: -0.1 % behind schedule because of Engineering works were delay

FINANCIAL STATUS

TOTAL TO-DATE-ACTUAL VS TOTAL-TO-DATE-BUDGET:

The actual Tier I, II and III spending versus the actual budget indicates an under spending of \$4,329. See Chapter II for the individual AFE budget variance explanation. The summary is as follows:

- Tier I PO: \$173 over spent because of ahead deliveries and paid of several purchasing items
- Tier I CY: \$64 under spent because of lower actual cost of materials and contingency not used
- Tier II CF: \$510 under spent due to delayed submission of contractor invoices (PO's & Contracts)
- Tier II CY: \$336 under spent due to delayed submission of expenses related to Land Certification
- Tier III CF: \$3,577 under spent because of Contractors / Vendors late in delivering the materials and invoices.
- Tier III CY: \$15 under spent because of less number of manhours.

OVERALL FORECAST VS OVERALL APPROVED REVISED BUDGET : The overall actual forecasted Tier I, II and III spending versus the overall revised budget indicates under budget of \$3,546. See Chapter II for the individual AFE budget variance explanation. The summary is as follows:

- Tier I PO: \$825 under budget because of actual price of the several purchasing items are less than the budget
- Tier I CY: \$55 under budget due to actual cost of materials less than budget
- Tier II CF: \$226 under budget due to actual cost of some materials are less than the budget
- Tier II CY: \$0 no variance, actual spending forecast is equal with the budget.
- Tier III CF: \$2,440 under budget because of actual costs of some materials and contract less less than the budget include the redevelopment of new water well was closed because of water debit less than 32 liter / second and contingency not fully used.
- Tier III CY: \$0 no variance, actual spending forecast is equal with budget.

VI.1.a DETAILED SUMMARY:

The overall progress actual versus plan of Capital Projects TIER I, II and III is as follow:

PROJECT CATEGORY	CURRENT YEAR - 2012								TOTAL TO DATE					TOTAL PROJ. COMMITTED (\$)	TOTAL OVERALL PROJECT (\$)	
	YEAR TO DATE						ANNUAL									
	PHYSICAL ASPECT (%)			FINANCIAL ASPECT (\$)			FINANCIAL ASPECT (\$)		PHYSICAL ASPECT (%)			FINANCIAL ASPECT (\$)				
	ACTUAL	PLAN		EARNED VALUE (EV) (**)	ACTUAL (AC)	PLAN (PV)	FORECAST	PLAN (BAC)	ACTUAL	PLAN		ACTUAL	PLAN			
		ORIGINAL (**)	CONTRACTUAL (*)							ORIGINAL (**)	CONTRACTUAL (*)					
[A]	[B]	[C]	[D]=[G]/[I]	[E]=[B]X[I]	[F]	[G]	[H]	[I]	[J]	[K]	[L]	[M]	[N]	[O]	[P]	[Q]
TIER I:																
- PURCHASES ONLY	92.15	85.39	85.39	6.76	2,794	1,067	894	2,207	3,032	91.05	85.39	85.39	1,067	894	2,207	2,207
- CONSTRUCTION	100	83.33	83.33	16.67	90	11	75	35	90	100	83.33	83.33	11	75	32	35
TOTAL TIER I	92.38	85.33	85.33	7.05	2,884	1,078	969	2,242	3,122	91.31	85.33	85.33	1,078	969	2,239	2,242
TIER II:																
- CARRY FORWARD	95.47	91.41	91.41	4.06	1,211	724	1,233	1,043	1,268	97.88	95.13	95.13	1,691	2,201	1,799	2,010
- CURRENT YEAR	37.59	37.35	37.35	0.24	422	24	360	450	1,122	3.88	2.32	2.32	24	360	25	5,711
TOTAL TIER II	68.3	66.03	66.03	2.26	1,632	748	1,593	1,493	2,390	30.33	28.43	28.43	1,715	2,561	1,824	7,721
TIER III:																
- CARRY FORWARD	89.24	91.52	91.52	(2.27)	12,785	7,495	11,074	10,376	14,326	67.82	67.3	67.3	13,347	16,924	15,080	25,731
- CURRENT YEAR	49.11	58	58	(8.89)	10	-	15	5	20	0.57	0.67	0.67	-	15	-	1,720
TOTAL TIER III	89.19	91.47	91.47	(2.28)	12,795	7,495	11,089	10,381	14,346	63.95	63.47	63.47	13,347	16,940	15,080	27,451
GRAND TOTAL	87.17	87.44	87.44	(0.27)	17,310	9,321	13,650	14,116	19,858	59.52	58.34	58.34	16,140	20,469	19,143	37,414

FORMAT OF THE SUMMARY TABLE: Compared to last year report the format of the summary table has been modified to give additional ;

The modifications as follow:

1. Current Year 2012 Physical Aspect

- (*) Contract [D]: This is the progress (%) based on contract award
- (**) Revised [C]: this is the progress (%) based on spending pattern as per approved revised budget 2012

2. Current Year 2012 Financial Aspect

- (***) Earned Value [E]: the "earned value" is the budget value corresponding to the actual physical progress of the project. This is a means to assess whether the project is overspent or underspent according to the current progress.

3. Total to Date

- (*) Contract [L]: This is the progress (%) based on contract award
- (**) Revised [K]: this is the progress (%) based on spending pattern as per approved revised budget 2012

VI.2 PROJECT STATUS :

Overview Information : THE STATUS OF PHYSICAL PROGRESS IS NOT ALWAYS AS SAME AS THE FINANCIAL SPENDING

I. TIER I

There are 30 Tier I Projects consist of:

- 29 Purchase Only
- 1 Construction Current Year Project

NO	AFE NO	PROJECT TITLE	TOTAL TO DATE				TOTAL OVERALL PROJECT (x 1,000 US\$)		EXPECTED COMPLETION	REMARK
			PHYSICAL (%)		FINANCIAL (x 1,000 US\$)					
			ACTUAL	PLAN	ACTUAL	PLAN	FORECAST	PLAN		

Purchase Only

29	Various	29 AFE Purchase Only	91.05	85.39	1,067	894	2,207	3,032	Dec 2012	All PO has been issued and Materials that have been received were 25 items. Overspent by \$173 due to ahead deliveries and paid of several purchased items
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Current Year < US\$ 50,000

1	41112101	ESD-1 Proximity Switch for LPG Dock-2 Additional	100	83.33	11	75	35	90	Jul 2012	Construction was completed Underspent by \$64 because of lower actual cost of materials
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II. TIER II

There are 18 Tier II Projects consisting of:

- 6 Carry Forward Projects
- 12 Current Year Projects

NO	AFE NO	PROJECT TITLE	TOTAL TO DATE				TOTAL OVERALL PROJECT (x 1,000 US\$)		EXPECTED COMPLETION	REMARK
			PHYSICAL (%)		FINANCIAL (x 1,000 US\$)		FORECAST	PLAN		
			ACTUAL	PLAN	ACTUAL	PLAN				

Carry Forward

1	42011202	Fire Detection System for 4K Compressor at Trains E-H	95.03	96.8	266	406	350	411	Nov 2012	Continue with Termination Cable Underspent by \$140 because of there were some changes in project execution resulting in less cost spent.
2	42011203	Fire Detection System for 4K Compressor at Trains C-D	100	99.02	60	206	150	206	Nov 2012	Construction was completed. Underspent by \$146 because of late submission of Contractor's invoices.
3	42011204	Trains C-H Operator Shelter Relocation	100	100	59	76	75	76	Aug 2012	Construction completed Underspent by \$17 because of late submission of Contractor's invoices.
4	42011205	Disaster Recovery Center Facility (DRC) for ERP Oracle	100	100	567	643	585	643	Nov 2012	Installation was completed. Underspent by \$80 because of PO price was less than OE price.
5	42011206	Protective Relay Replacement of Generator, Feders, 13.8kv Motors and 14/16 Motors	100	99.38	559	600	580	600	Nov 2012	Installation was completed Underspent by \$41 because of late submission of Vendor invoice.
6	42011207	Liquid Eductor Application at DRS Plant-36	91	70	180	270	270	300	Nov 2012	Installation of piping Underspent by \$90 because of late submission of Vendor invoice.

Current Year

1	42012201	WW501 at 31-PG-10/13/14 Replacemnet	4.4	3.28	1	23	625	625	Dec 2013	Engineering by FPE. Underspent by \$22 because of less number of manhours.
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NO	AFE NO	PROJECT TITLE	TOTAL TO DATE				TOTAL OVERALL PROJECT (x 1,000 US\$)		EXPECTED COMPLETION	REMARK
			PHYSICAL (%)		FINANCIAL (x 1,000 US\$)					
			ACTUAL	PLAN	ACTUAL	PLAN	FORECAS	PLAN		
2	42012202	Fire Detector System at Guest House, Mass hall and Apartment Building	8.21	3.25	2	16	370	370	Jun 2013	Procurement by Contractor (IP), Preparation for Construction (IP) Underspent by \$14 because of less number of manhours.
3	42012203	Fire Protection & Detection System in Transmitter and PABX Room at Communication Building	9	6	3	12	200	200	Dec 2013	Prebid has been done Underspent by \$9 because of less number of manhours.
4	42012204	35K-3/4/5/6 Air Compressor Control System Replacement at Utilities II	1.22	1.37	2	7	510	510	Dec 2013	Engineering in progress Underspent by \$5 because of less number of manhours.
5	42012205	Main Warehouse Roof Replacement Phase II	2.61	2.36	3	9	360	360	May 2013	Procurement by Contractor in progress. Underspent by \$6 because of less number of manhours.
6	42012206	Roof & Concrete Deck Improvement at Al-Kautsar Mosque	9	4.8	0	18	250	250	Aug 2013	Contract development in progress. Underspent by \$18 because of less number of manhours.
7	42012207	Retrofit Obsolete Cordless System at Dock-2 and Install New Cordless System at Dock-1	1.73	2.02	3	9	420	420	Dec 2013	Engineering in progress Underspent by \$6 because of less number of manhours.
8	42012208	Obsolete HMI DCS Yokogawa Replacement at Utilities II	3.24	1.2	1	22	900	900	Dec 2013	Engineering in progress Underspent by \$21 because of less number of manhours.
9	42012209	HMI and SOE Honeywell Plantscape Replacement at Trains-A/B/C/D/E	8.1	5.26	2	16	265	265	Dec 2013	Engineering in progress Under spent by \$14 due to less number of manhours.
10	42012210	Fire Water Pumps Realibility Improvement	8.56	3.8	5	19	500	500	Dec 2013	Procurement in progress Underspent by \$14 because of less number of manhours.
11	42012211	Fire Protection System at Fuel Gas KOD 31C-23/28	3.57	4.06	2	9	200	200	Dec 2013	Procurement in progress Underspent by \$7 because of less number of manhours.
12	42012212	Land Certification	18	25.8	0	200	1,111	1,111	Dec 2013	Engineering in progress Underspent by \$200 because of the Contractor was late in submitting the invoice.

III. TIER III

There are 8 Tier III Projects, consisting of:

- 7 Carry Forward Projects
- 1 Current Year Project

NO	AFE NO	PROJECT TITLE	TOTAL TO DATE				TOTAL OVERALL PROJECT (x 1,000 US\$)		EXPECTED COMPLETION	REMARK
			PHYSICAL (%)		FINANCIAL (x 1,000 US\$)					
			ACTUAL	PLAN	ACTUAL	PLAN	FORECAS	PLAN		

Carry Forward

1	43009201	New Water Well Development	94.19	76.75	937	1,337	1,016	1,742	Sep 2012	Redevelopment was terminated. Underspent by \$400 because of the new water well redevelopment was terminated due to water debit less than 32 liter/second as required in the scope of work.
2	43010202	Enterprise Resource Planning (ERP) Replacement	96.19	99.83	6,119	6,640	6,680	6,775	Dec 2012	Implementation in progress (Phase-1: Completed). Underspent by \$521 because of the Implementer was late in submitting the invoice.

NO	AFE NO	PROJECT TITLE	TOTAL TO DATE				TOTAL OVERALL PROJECT (x 1,000 US\$)		EXPECTED COMPLETION	REMARK
			PHYSICAL (%)		FINANCIAL (x 1,000 US\$)		FORECAS	PLAN		
			ACTUAL	PLAN	ACTUAL	PLAN				
3	43010203	Community Potable & Fire Water Lines Improvement	90.92	94.66	1,336	1,498	1,875	1,950	Dec 2012	Continue tie in at houses HOP IV, V and VI. Underspent by \$162 because of the Contractor was late in submitting the invoice.
4	43010204	Module I & II Cooling Water Area Reliability Improvement	51.29	43.14	782	1,575	4,000	4,185	Jan 2013	Instrumentation scope: Installing cable tray and pulling control cable (IP) Underspent by \$793 because of the Vendor was late in submitting the invoice and delivering materials.
5	43010205	Blackout Start Up Unit Replacement	92.97	97.32	4,106	5,104	5,225	6,584	Dec 2012	Finishing Control Room (IP), Performance test Genset Completed Under spent by \$998 because of the Contractor was late in submitting the the remaining invoice (20%) of Diesel Generator 4.5 MW(P13210).
6	43011201	Train F DCS Centum XL Replacement	13.82	11.71	37	501	4,435	4,435	Dec 2013	BOM completed. Contract development in progress. Underspent by \$464 because of engineering phase was behind the schedule.
7	43011202	Flare Gas Recovery (Phase-1)	11.84	11.25	29	269	2,500	2,500	Dec 2014	Contract development in progress. Underspent by \$240 because of spent a lot of time for contract process EPC CA-12046 resulting less cost spending.

Current Year

1	43012201	ABB STAL Gas Turbine Control System (PG-15) Retrofit	0.57	0.67	0	15	1,720	1,720	May 2014	Engineering by FPE in progress. Underspent by \$15 due less number of manhours compared to the approved spending pattern.
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VII. ADMINISTRATION AND MANNING

A. PT BADAK NGL ACTIVE EMPLOYEE

	Previous Month	Current Month				Average YTD	Approved Manning
		Recruitment (+)	MPPK (-)	PHK (-)	Total		
Bontang Employee	1075	0	-4	-1	1070	1080	1170
Jakarta Employee	9	0	0	0	9	9	9
Total	1084	0	-4	-1	1079	1089	1179

B. TOTAL E&P INDONESIA SECONDEES

	Previous Month	Additional (+)	Returned (-)	Total	Average YTD	Approved Manning
Bontang Employee	1	1	0	2	2	2
Jakarta Employee	0	0	0	0	0	0
Total	1	1	0	2	2	2

C. PRE RETIREMENT (MPPK)

	Previous Month	Current Month	Total	Retirement Current Month	Net MPPK
Bontang Site	82	4	86	-6	80
Jakarta Site	2	0	2	0	2
Total	84	4	88	-6	82

D. VISITORS

	Persons		
	Previous Month	Current Month	Year To Date
Visitors	403	534	5337

E. DONATIONS

	Rupiah/Million		
	Previous Month	Current Month	Year To Date
Donations-Cash	226	1574	3706
Non Donations-Non Cash	47	34	761

PRODUCERS' MEETING – MINUTES OF MEETING
NOVEMBER 20, 2012 –JAKARTA

A. EMERGENCY GUIDELINES

The Emergency Guidelines and evacuation procedure of meeting room were presented by Century Park's Safety Officer.

B. OPENING REMARKS

PT Badak's PD&CEO welcomed all Producers' Meeting participants and thanks for Chevron to hold this Producers' meeting.

PT Badak's PD&CEO presented the agenda.

B1. SHE-Q Moment

- The SHE-Q moment was focused on PT Badak NGL Management SHE-Q Commitment demonstrating Management commitment in the values of PT Badak NGL SHE-Q Management System
- Discussion: No comments

B2. Visit of Indonesian Parliament (DPR) Komisi VII to Bontang Plantsite

- On 6 November 2012, 15 members of DPR Komisi VII together with Dir. Pengolahan PT Pertamina (Persero), delegates of KLH, BPMIGAS and some national journalists visited Bontang Plantsite. The discussions focused on the portion of LNG for export and domestic, the status of PT Badak NGL is non profit organization and Government audit.
- Discussion: No comments

B3. Extended Train D Schedule Shutdown

- During the scheduled inspection of the High Pressure Steam system in the period of Train C/D parallel shutdown (3 - 14 November 2012), cracks were found on the body of two 20" High Pressure Steam (HPS) valves located at Train C/D Battery Limits. Considering the safety aspect and risk to the plant integrity, should the valves fail during Train C/D online, PTB proposes to extend the Schedule Shutdown of Train D for 7 days until 21 November 2012 for replacing the two body cracked valves by spool pieces (as temporary solution). Three new valves will be then installed, as soon as delivered, at the first Trains C/D shutdown opportunity (no spare valve currently available in PTB warehouse). Letter to Producers was sent on 16 November 2012.

The spare valves for Train C/D HPS shall be available and installed before Train A LTI in 2013 since currently the spool pieces installed in Train C/D Battery Limit is only a temporary solution.

- Discussion: No comments

B4. Train A and F Schedule Shutdown 2013

- The original Schedule Shutdown in 2013 of Train A is 16 September – 10 October 2013 for insulation replacement, while the schedule S/D is Train F on 1 – 30 January 2013 for DCS and insulation replacement. Considering the proposed LTI for Train A in 2013 is waiting for BOC decision on 5 December 2012. The schedule shutdown of Train A might be postponed or cancelled. Meanwhile, since the DCS replacement program of Train F will use the existing DCS of Train A, the Schedule Shutdown of Train F will be rescheduled to 1 – 30 September 2013.
- Discussion: PT Badak's PD&CEO requested Producers to send the formal approval to PTB which Train that will be put in LTI mode before end of 2012 (*)

B5. Overhaul Dock #1 and Preventive Maintenance Inspection Dock #2

- Dock #1 (LNG) is scheduled to offline for overhaul for approximately 70 days duration in September - November 2013. Meanwhile, Dock #2 (LNG/LPG) is scheduled to offline for Preventive Maintenance & Inspection (PMI) for approximately 25 days in March - April 2013. During the period of Dock #1 Overhaul and Dock #2 PMI, there will be only 1 (one) dock available since Dock #3 is not acceptable to perform loading operation. Pertamina-JMG is requested to arrange the shipment schedule accordingly.
- Discussion: CVX asked what was the status of Dock#3. PTB replied that Pertamina has planned to utilize Dock#3 for Eastern Indonesian Region (KTI) project purpose. PT Badak's PD&CEO suggested Pertamina to lead the special discussion pertaining to this matter. Pertamina replied that Pertamina will coordinate with PT Perta Daya Gas and conduct the discussion. (*)

B6. Five Years Business Plan (5YBP)

- Referring to the previous BOC Meeting, more accurate gas forecast is required for the period of 2013-2017 from EKGMC Meeting. However, because of the postponement of EKGMC Meeting, the 5YBP cannot be finalized.
- Discussion: VICO mentioned that VICO will collect the updated production forecast data and submit to PTB.

B7. LNG Tangguh Fire Incident Lesson Learnt

- In relation to fire incident happened in LNG Tangguh Train-2 on 6 November 2012, PTB would appreciate if there is any feedback from VICO regarding the incident.
- Discussion: VICO will check to BP Tangguh to have the detailed information related to this Fire Incident.

B8. ISRS8 Omega Assesment

- Producers are invited to participate to the assessment as Observer of ISRS8 assessment on 27-29 November 2012 at PT Badak NGL Bontang.
- Discussion: No comments.

C. NOVEMBER 2012 OPERATION HIGHLIGHTS (as of November 16, 2012)

C1. Safety Record

- Overall Safety Record since the last LTI (8th December 2006): 2,170 Days or 51,489,535 Man-hours without LTI.
- Work Accidents (Reportable Cases): November: 1 / Year-To-Date: 0 (0 Restricted Work Cases and 1 Medical Treatment Cases)
 - On Friday November 2nd, 2012 around 21.25 PM at Valve Shop a work accident occurred involving contractor employee of PT Kembar Jaya Bersatu. His left middle finger hit a Tube Puller.
 - Status: Medical Treatment Case (MTC).
- Road Traffic Accidents (RTA): November: none / Year-To-Date: **13** (Business Related: 0 – Non Business Related: 13)
- Near Miss Incident: November: none / Year-To-Date: 12
- Fire Incidents:
 - LNG/LPG Plant Areas: November: none / Year-To-Date: 7
 - PSF & Community Areas: November: none / Year-To-Date: 2
- Year-to-date Safety Performances (Period of January 01 – November 16): man hours worked without Lost Time Injuries: 7,734,176
 - LTIF (Lost Time Injuries Frequency): 0 (no LTI)
 - TRCF (Total Reportable Cases Frequency): 0.13 (0 Fatalities, 0 Permanent Total Disabilities, 0 Lost Workday Cases, 0 Restricted Workday Cases, 1 Medical Treatment Cases)

C2. Production and Shipment

- October Shipment as of November 16, 2012
 - LNG: Actual: 8.85 Std. Cargoes – Target: 7.83 Std. Cargoes
 - LPG: Propane: 22,545 m³ and Butane: 23,526 m³
- Production in November as of November 16, 2012:
 - Feed Gas (daily average): Actual: 1,865 mmscfd – Target: 1,808 mmscfd
 - LNG: Actual: 1,090,758 m³ – Target: 1,082,245 m³
 - LPG:
 - Propane: Actual: 16,840 m³ – Target: 18,084 m³
 - Butane: Actual: 18,468 m³ – Target: 16,623 m³
 - Condensate: Actual: 41,989 m³ - Target: 41,093 m³
- LNG Year-To-Date as of November 16 Production & Shipment (Std. cargoes)
 - Year-To-Date Production Realization: 180.97
 - Ann. Production Forecast (act. production + November GRF): 203.23

- Ann. Shipment Obligation: 204.02 (based on: 14 cargoes for NR, 7 cargoes for CLA)
- Year-To-Date Shipment Realization: 180.19

C3. Plant Operation (As of November 16, 2012)

- Train Scheduled Shutdowns: 2
 - Train D Scheduled Shutdown since October 14, 2012 at 08:06hr. Main activities are:
 - 4 years for statutory equipments & PSVs
 - Insulation replacement & probolog inspection
 - Overlap shutdown with Train C for Deaerator internal inspection, cooling water outfall repair, and high pressure steam valve replacement

Total Train outage in November was 16 train-days.

- Train C Scheduled Shutdown since November 3, 2012 at 15:13hr. Main activities are:
 - Insulation replace Inspection of 4 years for statutory equipments & PSVs
 - Insulation replacement & Probolog Propane Desuperheater/Condenser.
 - Overlap shutdown with Train D for Deaerator internal inspection, cooling water outfall repair, and high pressure steam valve replacement.

Total Train outage in November was 12.37 train-days.

- Train Trips & Unscheduled Shutdowns: none
- Train Idle Shutdowns:
 - Train B is on idle since June 02, 2011 at 08: 00hr. The total Train B idle shutdown in November 2012 was 173 days.
 - Train G is on idle from October 20, 2012 at 00:15hr to November 3, 2012 at 12:30. The total Train G idle shutdown in November 2012 was 2.52 days.
- Tug Boats Availability (N+1): 6 Tug Boats were in operation. TB #7 out of operation due to sea worthiness expired

C4. Customer Satisfaction

- November: No complaint. Year-To-Date: 0

C5. Discussion

- No comments.

D. OCTOBER 2012 OPERATIONS HIGHLIGHTS

D1. Safety Record

- Overall Safety Record since the last LTI (8 December 2006): 2,154 Days or 51,153,535 Man-hours without LTI.
- Work Accidents: October: 0 / Year-To-Date: 0 Restricted Work Case (RWC) and 0 Medical Treatment Cases (MTC). Total Reportable Cases (TRC): 0

- Near Miss: October: 3 / Year-To-Date: 12
 - On Friday, October 12, 2012 at 2.40 AM a Tug Boat (TB. Bontang 04) while going offshore, aground on Buoy 10 area due to the absence of the buoy for maintenance (the buoy chain rupture happened about 2 weeks before). The buoy remained on location, waiting for high tide until it could be pulled out. During underwater inspection witnessed by Harbour Master, no damage has been found. The investigation report still being prepared.
 - On Friday, October 19, 2012 at 11.30 PM a scaffolding wooden plank has been found glowing (internal combustion). It turns out that the wooden plank was touching a 1” HP Steam venting. (The scaffolding was erected for house roof inspection of BOSU project).
 - On Wednesday, October 31, 2012 at 10:15 PM a Crane BK-047 was leaning due to the boom being operated outside of the normal operating conditions without outrigger to be extended (70° boom over side causing unbalance position). During investigation, no damage found on the crane and nearby facilities.
- Road Traffic Accidents (RTA): October: 0/ Year-To-Date: 13 (Business Related: 0 / Non Business Related: 13)
- Fire incident (Plant and Community):
 - LNG/LPG Plant Areas: October: 1/ Year-To-Date: 8
 - On Friday, October 26th, 2012 at 9.40 PM. When removing blind on inlet of D4C-1 (top) was completed, the worker cleaning the flanges using utility air, suddenly a flash fire occurred
 - PSF & Community Areas: October: none / Year-To-Date: 2
- Safety Performance Indicator: Leading Indicator 100% / Lagging Indicator 100%
- PT Badak Safety Matrix: Green

D2. Production and Shipment

- Shipment in October 2012
 - LNG: Actual 15.22 Vs. Target: 14.28 Std. Cargoes (higher than forecast).
 - LPG: Propane: Actual - m³ and Butane: Actual -m³
- Production in October 2012:
 - Feed gas delivery (daily average): Actual 1,748mmscfd –Target 1,604mmscfd.
 - LNG: Actual: 2,013,641 m³ Vs. Target 1,859,955 m³.
 - LPG:
 - Propane: Actual: 28,324 m³ – Target: 31,080 m³
 - Butane: Actual: 29,390 m³ – Target: 28,569 m³
 - Condensate: Act. 77,643 m³ Vs. Target 70,622 m³, Higher feed gas delivered

D3. Plant Operation

- Plant Availability Factor: Actual: 92.88% / Target: 92.47% / YTD : 95.466% (slightly higher than forecast)
- Plant Thermal Efficiency: Actual: 88.02% / Target: 87.67% / YTD: 88.31% - Postponed program of LPG compressor 17K-1 rider band replacement
- FG to LNG Ratio (scf of feed gas / m³ of LNG): Actual: 26.91 / Target: 26.73 / YTD: 26.77
- Plant Reliability Factor (PRF): Actual: 97.86% /. Target: 98.80% / YTD: 99.52%
- Train Scheduled Shutdown: 1
 - Train D scheduled shutdown since October 14, 2012 at 08:06hrs with the main activities as follow:
 - Inspection of 4 years for statutory equipments & PSVs
 - Insulations replacement & Probolog Propane Desuperheater/Condenser
 Total outage in October: 17.66 train-days
- Train Trips & Unscheduled Shutdown: none
- Train Idle Shutdowns
 - Train B on idle since June 02, 2011 at 08:00hrs. The total Train B idle shutdown in October was 31.00 train-days.
 - Train A on idle from August 17, 2012 at 09:00hrs to October 13, 2012 at 21:30 hrs. The total Train A idle shutdown in October was 12.90 train-days.
 - Train F on idle from August 24, 2012 at 08:05hrs to October 19, 2012 at 10:20. The total Train F idle shutdown in October was 18.43 train-days.
 - Train E on idle from October 11, 2012 at 08:00hrs to October 28, 2012 at 01:00hrs. The total Train E idle shutdown in October was 16.71 train-days.
 - Train G on idle since October 20, 2012 at 08:00hrs. The total Train G idle shutdown in October was 11.67 train-days.
- Tug Boats availability (N+1): 6 Tug Boats available. Tugboat #8 has arrived in Bontang on 29 October 2012 at 04:50 hrs. after docking repair in Samarinda since 02 October 2012
- Customer Satisfaction

October: No complaint from LNG/LPG ship. Year-To-Date: 0
- 2012 PT Badak Plant Outages
 - Scheduled Shutdowns
 - Frequency: Train A: 0 / Train B:0 / Train C: 0/ Train D: 1/ Train E: 1 /Train F: 1 / Train G: 1/ Train H: 1 / *Total: 5*
 - Duration (days): Train A: 0 / Train B: 0 / Train C: 0 / Train D: 17.66 / Train E: 21.33 /Train F: 21.33 / Train G: 13.08 / Train H: 33.99 / *Total: 107.39*
 - Unscheduled Shutdowns:

- Frequency: Train A: 1 / Train B: 0 / Train C: 0 / Train D: 0 / Train E: 0 /Train F: 0 / Train G: 2 / Train H: 2 / *Total: 5*
 - Duration (days): Train A: 0.12 / Train B: 0 / Train C: 0 / Train D: 0 / Train E: 0 /Train F: 0 / Train G: 0.37 / Train H: 2.8 / *Total: 3.29*
 - Idle Shutdowns
 - Frequency: Train A: 1 / Train B: 0* / Train C: 0 / Train D: 2 / Train E: 3 /Train F: 3 / Train G: 3/ Train H: 1 / *Total: 13*
 - Duration (days): Train A: 57.52 / Train B: 305 / Train C: 0 / Train D: 179.35 / Train E: 102.03 /Train F: 150.35 / Train G: 16.13 / Train H: 10.64 / *Total: 821.02*
- Note: *) Frequency of Train B idle shutdown has been counted in 2011*
- Plant Shutdowns
 - Unscheduled Shutdowns
 - In October: 0 train-day
 - Year-To-Date (as of October 31, 2012): 3.29 train-days
 - Scheduled Shutdowns:
 - In October: 17.66 train-days
 - Year-To-Date (as of October 31, 2012): 107.39 train-days
 - Idle Shutdowns
 - In October: 90.71 train-days
 - Year-To-Date (as of October 31, 2012): 821.02 train-days

D4. Discussion

- Related to the Work Accident in October and all Near Miss Incident in November occurred in the night shift, TEPI advised PTB to have more supervision to the night crew to prevent the recurrence accident.
- CVX pointed why the NMI that happened on 12 and 19 October were not categorized as accident. PTB explained that since there were no damage and fire, those incidents were not categorized as Work Accident.
- Pertaining to the Fire Incident in LNG/LPG Areas, CVX asked if the grounding system malfunction has already completed. PTB replied that currently, the grounding system improvement in Train H and Plant 39 area has already completed and will be followed by improving in other areas.
- CVX mentioned that there was a big gap between Finding Items and Completed Items in the 24th Management Inspection. PTB replied that PTB will complete all finding items before end of year 2012.
- TEPI pointed out the reason of higher Feed Gas to LNG ratio (actual 26.91 vs target 26.73) mentioning that this higher feed gas to LNG ration was caused by higher gas

flaring during shutdown/start up Trains and higher plant fuel consumption during 5 Trains operation. PTB will check this issue further. (*)

E. CAPITAL PROJECTS (STATUS AS OF OCTOBER 31, 2012)

E1. Physical Progress (Total-To-Date)

- Tier I

- Overall Tier I: 90.53% Vs. Plan 60.75%. Reason: All PRs and POs have already issued (30 AFE's).

- Tier II (Total-To-Date)

- Tier II Carry Forward Projects: Actual 94.28% versus Plan 91.93%. Reason: ahead schedule on construction works and all material have been completed i.e. IBM Server for DRC ERP Project.
- Tier II Current Year Projects: Actual 3.75% versus Plan 2.11%. Reason: ahead schedule on the engineering works
- Overall Tier II Projects: Actual 29.22% versus Plan 27.38%

- Tier III (Total-To-Date)

- Tier III Carry Forward Projects: Actual 66.61% versus Plan 66.54%
- Tier III Current Year Projects: Actual 0.57% versus Plan 0.65%
- Overall Tier III Projects: Actual 62.81% versus Plan 62.75%

- Overall Projects (56 AFEs for 56 Projects): Actual 58.41% versus Plan 55.73%

E2. Financial Progress (Total-To-Date)

- Tier I

- Overall Tier I: Actual K\$ 727 versus Plan K\$ 953. K\$226 under spent because of actual price of several purchased items were less than OE prices.
- No comments from Producers

- Tier II (Total To Date)

- Overall Tier II Projects: Actual K\$ 1,666 versus Plan K\$ 2360. K\$ 694 under spent because of vendor has not submitted the invoices.
- No comments from Producers

- Tier III (Total To Date)

- Overall Tier III Projects: Actual K\$ 13,021 versus Plan K\$ 15,674. K\$ 2,653 under spent because of Contractors / Vendors were late in delivering the materials and invoices.).
- No comments from Producers

- Overall Projects (56 AFEs for 56 Projects): K\$ 15,414 versus Plan K\$ 18,987.

E3. Discussion

- TEPI asked about the Land Certification progress in the Tier II project. PTB replied that the delay progress of this project was caused by the change of the Government Regulation that originally has to be processed through Badan Pertanahan Nasional (BPN) in Jakarta but now can be processed through Kantor Pertanahan Bontang. PTB will consider change the bidding process and start from the beginning. Since the project is categorized as Tier II, it is considered to be carried forward and will be completed next year.

F. FINANCIAL REPORT (AS OF OCTOBER 31, 2012)

F1. Y2012 Year-To-Date Operating Expenditure

- Total Opex W/O Retirement Cost:
 - Actual: \$129,358k(Exchange Rate: Rp 9,230/\$)
 - Revised Budget: \$135,123k (Exchange Rate: Rp 9,000/\$)
 - Realization: -4% variance with the exchange rate of Rp 9,230/\$.
- Total Opex With Retirement Cost:
 - Actual: \$159,808k(Exchange Rate: Rp 9,230/\$)
 - Revised Budget: \$165,904k (Exchange Rate: Rp 9,000/\$)
 - Realization: -4% variance with the exchange rate of Rp 9,230/\$.

F2. Y2012 Year-To-Date Operating Expenditure in \$c/mmbtu

- Operating Expense/MMBTU without Retirement was 23.64c or 1% under the budget (Revised budget: 23.77c)
- Operating Expense/MMBTU with Retirement was 29.21c vs Revised budget: 29.19c

F3. Y2012 Year-To-Date Total Cash Expenditure

- Actual: \$179,283k (Exchange Rate: Rp 9,230/\$)
- Revised Budget: \$188,798k (Exchange Rate: Rp 9,000/\$)
- Realization: 5% under budget with the exchange rate of Rp 9,230/\$.

F4. Discussion

- TEPI requested PTB to explain more detail and put more precise number for the forecast of the several items such as Tier I, II, III projects, Catalyst & Chemicals, Computer Services, and Public Relations and Taxes (page V-1 and 2). The realization of such costs up to October were less than 40% but those forecast at the end of the year were 80% or even more (*)

G. RELIABILITY STATUS (AS OF OCTOBER 31, 2012)

G1. 2012 Reliability Performance as of October 31, 2012

- Train Trips/Unscheduled Shut Down (times)
 - In October: none; Year-To-Date (as of October 31, 2012): 5; Target: 6

- Trains Outage (days)
 - In October: none; Year-To-Date (as of October 31, 2012): 3.30; Target: max 4 days
- PRF (%)
 - In October: 97.86%; Year-To-Date (as of October 31, 2012): 99.52%; Target: min 98.8%
- PRUR
 - In October: 82,420 m3; Year-To-Date (as of October 31, 2012): 199,789 m3; Target: max. 400,000m3
- Slowdown (times)
 - In October: 1; Year-To-Date (as of October 31, 2012): 10; Target: max. 25
- 2012 Reliability Work Program Progress: Actual 78.89 % versus Plan 82.57%

G2. Discussion

- CVX asked what was the bad actor in October 2012. PTB explained that the bad actor came from C4-LV-10. There was production slowdown to avoid 4C-12 LAHH-13 due to positioned linkage was broken.
- TEPI asked what was the impact of Gas Flare Recovery project. PTB replied that this project is pilot project in PTB and PTB will present the status in the next December Producers' Meeting (*)

H. FEED GAS SUPPLY

H1. October 2012 and Year-To-Date

- TOTAL: 1,580.8mmscfd / Forecast: 1,483.5mmscfd / Year-To-Date: 1,817.7 mmscfd
- VICO: 409.5mmscfd / Forecast: 390.3mmscfd / Year-To-Date: 372.7 mmscfd
- CHEVRON: 94.7mmscfd / Forecast: 109.1mmscfd / Year-To-Date: 91.4 mmscfd
- DOMESTIC PLANTS: 337.2 / Forecast: 388.1 / Year-To-Date: 391.4mmscfd
- PT BADAK: 1,747.7 / Forecast: 1,594.8/ Year-To-Date: 1,889.6 mmscfd

H2. Gas Supply and Demand – October 2012

- EAST KAL: Forecast 1982.9 mmscfd (Based on October 2012 GRF) / Actual: 2,085mmscfd / Diff 102.1 mmscfd, 5.1% / YTD (end of October 12): 2,281.1 mmscfd / ADP 2012 Yearly Average: 2,223.1 mmscfd (Based on ADP 2012 Rev.3 – Dated Sep 7, 2012).

H3. Highlights

- **Domestic Updates**
 - KPA start up after TA program on November 5, 2012 (delay from previous start up schedule on Oct 19, 2012)

- KFP-1 experiencing problems at WHC Ammonia Plant, therefore the Plant was shut down for repair on October 23. Gradually start to taking NG after repair completed on November 14, 2012
- KMI Turn Around program : November 5 - December 14, 2012
- **EKAL Supply and Demand**
 - PECIKO shutdown due to ESD-0 on November 11 (@ 22.13), gas rate decrease 450 MMscfd.
 - On November 12 (@08:44) gradually rump up production to normal.
 - Average actual gas delivered to PT Badak was 2.4% higher than GRF (November 1-18, 2012 period)

H4. Discussion

- CVX informed that there were two new wells and will supply another 30 mmscfd feed gas in the upcoming weeks from Tanjung Santan field.
- CVX pointed out that there was a problem indication in Train A but Train A is still running. PTB replied that PTB is confident to run Train A, since Train A is still safe to be operated until 2015.
- TEPI stated that TEPI will check the problems in Peciko gas field and the result will be informed in the next GCM on December 6, 2012.

I. PERTAMINA LNG/JMG

II. Y2012 LNG Bontang Long Term Commitment

- 1973 Contract: 33.44 Std LNG Cargoes
- 1981 Contract: 17.83 Std LNG Cargoes
- Badak IV: 39.12 Std LNG Cargoes
- MCGC + Osaka Gas 1992: 7.05 Std LNG Cargoes
- Badak VI: 32.67 Std LNG Cargoes
- Badak V: 18.30 Std LNG Cargoes
- Korea II: 13.94 Std LNG Cargoes
- Additional Quantity Kogas: 19.19 Std. LNG Cargoes
- Nusantara Regas: 14.01 Std LNG Cargoes
- PIM Supply (CLA Cargo) : 7.10 Std LNG Cargoes
- *LNG Allocation (Total): 202.63 Std. LNG Cargoes*

II. Y2012 Bontang Balance

- Y2012 Opening Inventory: 3.3 Std LNG Cargoes
- Y2012 Production: 203.0 Std LNG Cargoes (GRF Oct-Dec 2012)
- Y2012 Allocation: 202.6 Std LNG Cargoes (Long Term Contracts: 181.5 / PIM: 7.1 / Nusantara Regas: 14.0)

- End of the Year 2012 dead stock: 2.0 Std LNG Cargoes
- *Y2012 Balance: 1.6 Std. LNG Cargoes (GRF Nov-Dec 2012)*

I3. Y2012 Bontang Inventory

- Bontang will face critical low inventory in end of November 2012.

I4. 2012 LPG

- 2012 Actual Lifting (Jan~Nov 2012): 13 shipments (C3: 197,060.138 MT, C4: 186,957.191 MT, Total: 384,017.329 MT)
- Lifting Nomination from Buyer:
 - December 1~2 2012: C3: 18,500 MT, C4: 18,500MT, Total: 37,000 MT

I5. 2013 Bontang LNG Commitment

- Postlift Cargoes from 2012:
 - 1973 3rd A/R: 1.05 Std. LNG Cargoes
 - Badak VI: 1.09 Std. LNG Cargoes
 - Nusantara Regas: 1.00 Std. LNG Cargoes
- 2013 Commitment:
 - 1973 3rd A/R: 35.56 Std. LNG Cargoes
 - 1981 3rd A/R: 15.81 Std. LNG Cargoes
 - Badak IV: 40.16 Std. LNG Cargoes
 - MCGC-Surya Aki: 3.74 Std. LNG Cargoes
 - MCGC-Surya Satsuma: 3.42 Std. LNG Cargoes
 - Badak VI: 32.64 Std. LNG Cargoes
 - Badak V: 18.20 Std. LNG Cargoes
 - Korea II: 14.00 Std. LNG Cargoes
 - Nusantara Regas: 22.09 Std. LNG Cargoes
- 2013 Total LNG Commitment: 188.76 Std. LNG Cargoes
- 2013 Bontang LNG Production: 168.81 Std. LNG Cargoes
- Balance: -19.95 Std. LNG Cargoes

I6. 2013 Bontang LNG Allocation

- 1973 3rd A/R: 20.3 Std. LNG Cargoes
- 1981 3rd A/R: 15.81 Std. LNG Cargoes
- Badak IV: 40.2 Std. LNG Cargoes
- MCGC: 7.2 Std. LNG Cargoes
- Badak VI: 33.70 Std. LNG Cargoes
- Badak V: 18.20 Std. LNG Cargoes
- Korea II: 14.00 Std. LNG Cargoes
- Nusantara Regas: 22.10 Std. LNG Cargoes
- *LNG Allocation Total: 171.5 Std. LNG Cargoes*

I7. Discussion:

- TEPI asked what was the last status of LNG Aquarius. Pertamina informed that according to the last inspection, the equipment is still in good condition.

J. FOLLOW-UP PREVIOUS MINUTES (OCTOBER 2012 PRODUCERS' MEETING)

J1. Point D4: Plant Operation

- Statement: TEPI requested PTB to put the cumulative Idle Shutdown per Train in the Operation Report and the presentation material. PTB replied that PTB will put this information in the next Producers' Meeting.
- Status: Done (Closed)

J2. Point H3: Feed Gas Supply

- Statement: VICO stated that the gas composition from Lempake and Mutiara contains high CO₂ concentration, around 15-20%. PTB requested VICO to check also the H₂S composition.
- Status: VICO informed that the last data for H₂S composition Pamaguan Mix Mutiara gas around 1.89 V-ppm.

J3. Point J2: Cash Call Balance

- Statement: TEPI asked about the VAT invoicing mechanism. PNA replied that currently there is still no update information. PTB informed that based on the meeting in Tax Office, PNA is stated as a VAT Collector (WAPU). PTB will wait the formal letter from Tax Office about this VAT invoicing mechanism. Further discussion related to this matter will be discussed in the separate meeting.
- Status: Pertamina will check and inform in the next Producers' Meeting.
- Pertamina assume that tax for LNG is considered *lex specialis*. Refer to PMK 85, Pertamina is appointed as Tax Collector (WAPU), but since LNG is not Pertamina's business then Pertamina cannot collect the VAT. Therefore PT Badak is requested to keep using tax code 010 (Non WAPU).

J4. Point L2: Five Years Business Plan 2013-2017

- Statement: Related to the Dock #3 utilization for PNA's Eastern Indonesian Region (KTI) project, PTB requested PNA to have a time frame of this project two months from now.
- Status: Pertamina will inform whenever the time frame is completed and it will be an item to be discussed in Dir Gas Coordination Meeting.

K. OTHER BUSINESS

K1. Next Producers' Meeting

December Producers' Meeting will be held on 21 December 2012 and hosted by VICO

K2. Extraordinary BOC Meeting

The Extraordinary BOC meeting will be held tentatively on 5 December 2012.

K3. Shareholders Meeting

The GMOS will be held tentatively on 14 December 2012.

L. SPECIAL PRESENTATIONS:

L1. Tax Audit of POMA VAT

Tax Audit of POMA VAT was presented by VICO. The main point of the presentation and discussion are summarized below.

- Based on their letter dated February 2011, Government Tax auditors rise up the finding that POMA services was subject to VAT and VICO is obligated to withhold the VAT when making **cash calls to POMA Parties**.
- VICO give a response to Directorate General of Tax (DGT) and follow up by conducting discussion to ensure them that POMA is an agreement between East Kalimantan Producers, PT Badak and Pertamina to jointly manage and simplify in handling operations and maintenance of Pipeline and ROW, where VICO is appointed as operator.
- Inform to all POMA Parties at meeting Q2-2011 on July 2011 that VICO already received SKP for tax period 2004 amount of Rp12.595.053.936 that should be paid to Government otherwise DGT will freeze VICO's account and VICO will make cash call to all POMA Parties to share this VAT payment.
- VICO, BPMIGAS and IPA are supporting the view that POMA should not be subject to VAT
- DGT insisted on claiming that VICO activities as POMA operator is considered as services which are subject to VAT and then issued tax assessment letters (SKPs) in which VICO must comply within a short period

➤ Tax Office Assessment Letter (SKP):

- 2004: Rp12.595.053.936 – SKP Date: June 2011 (has been paid)
- 2005-2007: Rp 37.717.238.659 - SKP Date: November 2011 (has been paid)
- 2008: Nil
- 2009: Rp13.817.927.398 - SKP Date: SPHP
- 2010-2011: Rp21.980.100.816 – SKP Date: Estimate

Based on the above VICO has no chance to hold the payment instruction as stated in the SKP and VICO should pay all of Tax assessment letter (SKP) as VICO is under threat of active collection by Tax office

➤ Tax Objection and Reimbursement to BPMIGAS:

- VICO have submitted a letter of objection with all necessary documents and have provided explanation during the meeting that arranged by DGT.
 - DGT has rejected objection letter for year 2004 and VICO has filed Tax appeal to Tax court.
 - VICO has submitted POMA VAT reimbursement to BPMIGAS but still outstanding due to further coordination within internal BPMIGAS.
- Cash Call Justification:
- VICO must comply with Tax assessment letter (SKP) and has to pay all of tax underpayment as VICO under threat of active collection by Tax office → disruption to VICO operations.
 - Process Objection to Tax Office and appeal to Tax Court will take long time (approximately 3-5 years).
 - VICO has submitted VAT cash call to POMA parties on November 2011 to share VICO cash flow.
 - Concern to the unity of POMA, VICO request to POMA Parties to pay the VAT cash call on the first priority, then together follow up to BPMIGAS to solve this VAT issue.
 - VICO will pay back to POMA Parties after receive the reimbursement from BPMIGAS or payment from DGT
- VAT Cash Call Distribution:
- PT Badak: \$ 3,023,041.67 – Tax Base: \$ 1,799,429.56 – Penalty: \$ 1,223,612.10
 - TOTAL EP INDONESIA: \$ 2,206,622.16 – Tax Base: \$ 1,313,465.57 – Penalty: \$ 893,156.59
 - CHEVRON: \$ 125,349.14 – Tax Base: \$ 74,612.58 – Penalty: \$ 50,736.56
 - PERTAMINA: \$ 125,349.14 – Tax Base: \$ 74,612.58 – Penalty: \$ 50,736.56
 - TOTAL: \$ 5,767,820.90 – Tax Base: \$ 3,433,226.73 – Penalty: \$ 2,334,594.17
- Discussion:
- CVX suggested VICO to bring this discussion to the higher level to SKMIGAS.
 - Producers requested VICO to inform BPMIGAS (SKMIGAS) to issue the formal letter as the guidance for POMA parties to pay the penalty.
 - VICO mentioned that all documents received from DGT will be distributed to PTB and will be informed to BOC.

L2. EK Gas Rate and Composition for PTB

EK Gas Rate and Composition for PTB was presented by VICO. The main point of the presentation and discussion are summarized below.

- Main Points of the Presentation

➤ PT Badak Inlet:

	Rate	CO2	N2	C1	C2	C3	i-C4	n-C4	i-C5	n-C5	C6+	H2O
2013	1,567	6.34	0.08	84.42	4.12	2.89	0.60	0.67	0.30	0.19	0.38	0.00
2014	1,742	5.97	0.09	85.03	3.97	2.83	0.59	0.67	0.29	0.19	0.37	0.00
2015	1,848	5.68	0.09	85.49	3.93	2.77	0.58	0.65	0.28	0.18	0.35	0.00
2016	2,151	4.78	0.09	87.22	3.62	2.49	0.52	0.58	0.25	0.16	0.30	0.00
2017	1,984	4.39	0.08	87.89	3.54	2.39	0.50	0.56	0.24	0.16	0.27	0.00

➤ VICO:

	Rate	CO2	N2	C1	C2	C3	i-C4	n-C4	i-C5	n-C5	C6+	H2O
2013	370	14.05	0.10	75.81	4.65	3.02	0.58	0.74	0.27	0.18	0.60	0.00
2014	376	13.47	0.09	76.28	4.70	3.06	0.59	0.74	0.28	0.19	0.60	0.00
2015	375	13.29	0.09	76.36	4.80	3.08	0.59	0.75	0.27	0.19	0.58	0.00
2016	330	13.11	0.08	76.47	5.00	3.05	0.60	0.72	0.26	0.19	0.54	0.00
2017	273	12.39	0.06	76.92	5.45	3.02	0.62	0.66	0.24	0.19	0.43	0.00

➤ TOTAL:

	Rate	CO2	N2	C1	C2	C3	i-C4	n-C4	i-C5	n-C5	C6+	H2O
2013	1,480	4.52	0.08	86.20	4.04	2.99	0.63	0.68	0.32	0.20	0.34	0.00
2014	1,616	4.50	0.09	86.32	3.98	2.96	0.63	0.68	0.32	0.20	0.33	0.00
2015	1,609	4.50	0.09	86.33	3.98	2.95	0.63	0.68	0.32	0.20	0.33	0.00
2016	1,559	4.47	0.09	86.40	3.95	2.94	0.63	0.68	0.31	0.20	0.32	0.00
2017	1,388	4.45	0.09	86.47	3.93	2.93	0.62	0.68	0.31	0.20	0.32	0.00

➤ CHEVRON:

	Rate	CO2	N2	C1	C2	C3	i-C4	n-C4	i-C5	n-C5	C6+	H2O
2013	94	5.87	0.03	87.52	4.11	1.46	0.26	0.38	0.14	0.07	0.15	0.00
2014	90	5.71	0.03	87.23	4.05	1.76	0.33	0.48	0.17	0.09	0.16	0.00
2015	79	5.39	0.03	87.74	4.09	1.63	0.30	0.43	0.16	0.08	0.15	0.00
2016	60	4.90	0.03	88.51	4.16	1.44	0.26	0.37	0.14	0.07	0.12	0.00
2017	51	4.39	0.04	89.18	4.21	1.33	0.23	0.34	0.12	0.06	0.10	0.00

➤ CHEVRON-DEEP WATER:

	Rate	CO2	N2	C1	C2	C3	i-C4	n-C4	i-C5	n-C5	C6+	H2O
2013	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	51	2.05	0.19	88.18	5.06	3.04	0.50	0.62	0.14	0.10	0.13	0.00
2016	101	2.07	0.19	88.30	5.11	3.01	0.47	0.57	0.12	0.08	0.08	0.00
2017	171	1.65	0.14	91.34	3.65	2.15	0.35	0.44	0.11	0.07	0.11	0.00

➤ PEARL OIL-SEBUKU:

	Rate	CO2	N2	C1	C2	C3	i-C4	n-C4	i-C5	n-C5	C6+	H2O
2013	20	0.70	0.20	97.60	0.20	0.40	0.20	0.20	0.10	0.10	0.30	0.00
2014	80	0.70	0.20	97.60	0.20	0.40	0.20	0.20	0.10	0.10	0.30	0.00
2015	82	0.70	0.20	97.60	0.20	0.40	0.20	0.20	0.10	0.10	0.30	0.00
2016	82	0.70	0.20	97.60	0.20	0.40	0.20	0.20	0.10	0.10	0.30	0.00
2017	82	0.70	0.20	97.60	0.20	0.40	0.20	0.20	0.10	0.10	0.30	0.00

➤ ENI-JANGKRIK:

	Rate	CO2	N2	C1	C2	C3	i-C4	n-C4	i-C5	n-C5	C6+	H2O
2013	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	72	0.99	0.04	95.85	1.62	0.86	0.18	0.23	0.08	0.06	0.09	0.00
2016	439	0.99	0.04	95.85	1.62	0.86	0.18	0.23	0.08	0.06	0.09	0.00
2017	439	0.99	0.04	95.85	1.62	0.86	0.18	0.23	0.08	0.06	0.09	0.00

- Discussion

- VICO informed that the presented data of EK Gas Rate and Composition for PTB can be used as a basis for PTB to prepare PT Badak NGL's Five Years Business Plan 2013-2017.

The Producers' Meeting was closed at 11:35hr.
