DONGGI SENORO Liquefied Natural Gas

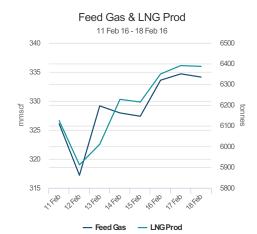
 6493.6166240267
 178884.266
 62923.866265
 20905.9215

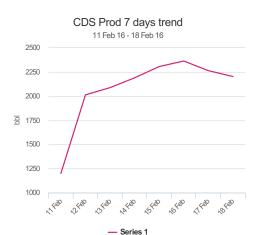
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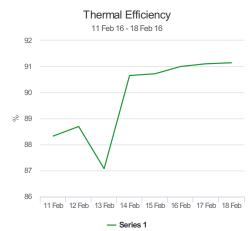
ACO-45 preparation for drying and tighness test. ACO-37 continue hot work at CDS Jetty

MCHE Rundown











Series 1

						QHSSE & PROCESS SAFETY MANAGEMENT						
Since: 12,424,123 Hours					perature 0	C:	/ Wave at Jetty : I Direction & Speed :					
KPI	ACT 24H	MTD	YTD	Annual-Target	Ш	CFSE& OSN Parmark		PROCESS UPSET / ANOM/	NLY/ CONDITION			
Fatality	0	0	0	0	0							
DAFWC	0	0	0	0	1	Prop Dmg on 11 Apr: rolling door hit by forklift mast at warehouse.						
Env/Spill (>1bbl or >=moderate)	0	0	0	0	0	Trop ang of Traps rouning door nit by formit habit at wateriouse.						
LOPC	0	0	0	0	1							
RWC	0	0	0	0	14	WEEKLY ALARM MANAGEMENT (28 Mar-3 Apr 2016)						
MTC	0	0	0	0	25	Process Train Areas:	0	Plant operated within normal process condition.				
First-Aid	0	1	7	<3 cases	78	Utilities-Off Site Areas:	3					
Near-Miss	0	0	4	< 5 cases	94	Note: Only Ethane tank high Ivl alarm. The plant running well.						
Traffic Incident	0	0	0	n/a	14							
Property Damage	0	0	18	n/a	108							
Audit/Inspection	4	17	221	n/a	n/a							
					Security	0 Mass Cathering	0 The	f/Criminal	Alert Condition			

COMMERCIAL OPERATION & MAINTENANCE PERFORMANCE

FEED	CAS	TO	DI	ANIT
	GAS	10	FL	

		JO	OB PMTS						HHV				
ACTU	JAL 24H	ACTUA	AL MTD	ACTU/	AL YTD	ACTU	AL 24H	ACTU	AL MTD	ACTU	AL YTD	JOB PMTS	MGDP
335.79 mmscf	7 225 01 toppos	3,888.02 mmscf	84,863.23 tonnes	33,387.07 mmscf	729,730.55 tonnes	NA	Wa	NA	N/A	N/A	N/A	1,115.30 btu/scf	NA
374,510 mmbtu	7,325.91 tonnes u	4,338,096 mmbtu	04,000.23 to lines	37,323,302 mmbtu	729,730.33 tornes	NA		NA	IVA	N/A	IVA	1, 113.30 blu/sci	
135% of DOQ 277,750 mmbtu		57% of MSN7,577 btu			37% of ADP 101.6 TBtu	0% of DOQ 93,925 mmbtu		0%	of MGN 2,629 bbtu	NA		min 1,111	min 1,050

TOTAL FEED GAS	ACTUAL 24H	ACTUAL MTD	ACTUAL YTD	Impurities (24H Avg-GSA spec)	Description Plant		Plant Thermal Efficiency	Material Balance	Plant intake	Total Flared Gas	Refrigerant Prod	Material Balance	
						Availability			(Flare Loss -%)	Utilization	(Wet-Dry-Tangkage)	(C2&C3)	(Loss)
						(ho	ur-daily)			(Feed/Max.Cap)			
Volume	335.79 mmscf	3,888.02 mmscf	33,387.07 mmscf		ACTUAL-24H	•	100.0%	91.67%	-0.84%	100.24%	6,378 nm3	-2.43 tonnes	-61.46 tonnes
Energy	374,510 mmbtu	4,338,096 mmbtu	3,7312,302 mmbtu		ACTUAL-MTD	•	100.0%	90.66%	-0.02%	96.72%	0,24 mmscf	-2.43 tornes	01.40 (011105
Mass	7,325.91 tonnes	84,863.23 tonnes	729,730.5 tonnes		ACTUAL-YTD 98.3% 89.64%		1.08%	96.76%	Total F	Fuel Gas (GTG-GTC-LPFuel)			
Feed Gas Pressure (Psig):	Feed Gas Pressure (Psig):				2016 Target		93.0%	89.00%	<2.00%	NA	35.38 mmscf	723.69 tonnes	34,288 mmbtu

PRODUCTION		LNG			CDS		LNG LOADED	m3	tonnes	mmbtu	#Cargo Shipped	Planned Cargoes (ADP 2016)	Remarks
ACTUAL 24H	14,124.12 m3	6,438.07 tonnes	332,749 mmbtu	2,235.61 bbl	228.04 tonnes	10,563 mmbtu	ACTUAL MTD	124,948.00	56,988.50	2,945,234	1	1/1 CE, 0/1 Kogas, 0/1 Spot ;ttl 1/3	On-track
ACTUAL MID	161,703.23 m3	73,707.70 tonnes	3,808,311 mmbtu	26,408.58 bbl	2,693.76 tonnes	124,782 mmbtu	ACTUAL YTD	1,384,238.20	630,254.08	32,575,269	11	4/11 Kogas, 2/7 CE, 2/5 CE, 1/13 Spot; 2/0 cargo adv; Total 11/36 cargos	On-track
ACTUAL YTD	1,372,852.59 m3	626,927,84 tonnes	32,396,193 mmbtu	222,192.13 bbl	22,649.76 tonnes	1,049,196 mmbtu	CDSLOADED	m3	tonnes	bbls	#Cargo Shipped	Note	Remarks
MOHE Rundown:	6,959.35 ton/d	LNGHHV:	1,103.75 btu/scf	CDS Reid Vapor	Pressure (RVP):	12.14 Psia	ACTUAL MTD	3,927.87	2,519.73	24,704	1	Nominated quantity 35,000bbls	CO8:0 m3
							ACTUAL YTD	35,024.35	22,468.11	220,279	6	Non III lated qualitity 35,000bbs	0 bbl
							NEXT LOADING SCHEDULE	Vessel (Capacity)	ETA	ETD	#Cargo	Remarks	
							CDS (Arv)	Erawan-1 (37,500 bbl)	12-Apr-16	27-Apr- 16	13th	Berthed LT11:36; N2 Inerting in Progress	
LNG Ta	nk (071)	CDS Tank	(079/1001)	CDS Buffer T	ank (079/1002)	CDS day-tank (076)	LNG	H. Utopia (125,000m3)	15-Apr-16	18-Apr- 16	12th	ADP/KOGAS/FOB; RTL condition	
54,784.36 tonnes	120,188.38 m3	n/a	n/a	n/a	n/a	196.04 tonnes	LNG	Maleo (125,000m3)	28-Apr-16	30-Apr-16		Spot/PPT/DES	
2,831,322 mmbtu	Days to tank top 4.2	Days to tank top	n/a	Days to tank top	n/a	9,081 mmbtu							

	WEE	CLY MAINT	ANANCE BACKLOG (a	as of 6 Apr 2016)		KEY EQUIPMENT STATUS							
Туре	PM	СМ	Total	Remarks	Remarks		Process Train			Utillities		Support	
Weekly Backlog	121	91	212 hours	Target < 5,000 hr	Nothing to concern		Running	C3 Compr	Running	Air Compr-	Running	Feed Inlet System	Normal Ops
WEEKLY CRITICAL-TIER 1 PM COMPLIANCE/OVERDUE (as of 6 Apr 2016)						GTG- B	Standby	LP-MR Compr	Running	Air Compr-B	Running	Portable Water Syst	Normal Ops
Туре	Relieve Valve	SIF	Other	Total	Remarks	GTG- C	Running	HP-MR Compr	Running	Air Compr-	Not Running	Fire-Protect Syst	Normal Ops
No. of PM overdue	0	0	0	0	target is zero	EDG-	Standby	MCHE	Normal Ops	N2 System	Normal Ops	C2&C3 Storage Tank	Normal Ops
, ,	Operation Highlight & Immediate Concern: Normal Ops. CDS rundown to CDS Day Tank. CDS vessel tank being N2 purge. ACO-37:2" NG line MC certificate to sign, walkthrough completed, FW line prepare to tie-in						Standby	Hot Oil System	Normal Ops	BOG Compr	Running	Flare System	Normal Ops
prepare to tie-in							Standby	Fuel Gas System	Normal Ops			Waste System	Normal Ops

$\underline{\textit{M}aintanance Highlight \& Immediate Concern:}}$

PSV recertification continued. GTCLPMR Gas turbine wheel space temp faulty. Checked found no connectivity issue, further investigation during planned shutdown. Still wait for repair material for Air Compr C vibration probe instrument cable, JGC to submit execution plan for jetty fender permanent solution.

Plant Mode: Holding

Marine, Shipping and Cargo Delivery(time in HH:MM):

Loading Duration Last Shipping:31:44 Avg YTD: 32:26

Standard Loading time: 34 Hours

Ttl terminal time (berth-unberth)

Standard Terminal Time: 48 Hours(RTL)

Last Shipping:70:45 Avg YTD:53:36

LNG Maleo: Sailling, LOB 124,727 m3 (Net-COQ) bound to Naoetsu-Japan ETA 18 Apr 2016

LNG HU: Sailling to to DSLNG ETA 15 Apr 2016.

 $CDS\ Vessel:\ MT\ Indradi\ deberthed\ on\ LT10:24\ with\ COB\ 64,484bbls (COQ@15decC),\ MT\ Erawan-1\ Berthed\ on\ LT11:36\ N2\ inerting\ in\ progress.$

					SUPPORT & ENAB	BLER PERFOMANCE							
PROCUREIVENT	PO/SO (Plant Related)	Remarks	Commodities Market Indicator			FX rate SDR IMF major ccy basket							
# Backlog	2	as of 6 Apr'16, incl partial PO	Dubai Crude (DIVE CC	QD FUT)	↑ 41.12 USD/bbl	◆ USD/IDR 0.7076							
Avg Backlog time	38 days	target < 45 days	BRENT FUT	↑ 44.28 USD/bbl	◆ USD/IDR 13,112	Community Relation and Government Engagement Highlight:							
DSLN	G Indicative Commecial Price (JCC based)-USD/mmbtu	Naphta FOB Sir	ng	- 41.63 USD/bbl	◆ JPY/IDR 120.78	Meeting with public work office on completion of	Uso road repair and routine coordination meeting on liveli	hood program				
			Applied JOC Crude						Applied JCC Crude (Apr)			Warket Tone: ◆	
Feed Gas (GSA) JOB 1.98		LNG Spot DES JKM		- 4.125 USD/bbl	◆ EUR/USD 1.1384	Macro Economic/Market Flash: Orude reached 2016 high after report said Saudi	Crude reached 2016 high after report said Saudi and Russia agreed to freeze output ahead of Doha Meeting on 17 Apr with						
LNG Price (SPA)	FOB 5.59	DES 6.02	Nat Gas Henry Hub		◆ 1.88 USD/mmbtu	◆ EUR/IDR 14,930	decision will not depend on Iran. Still some analyst are skeptical because the threat of high inventory and increase output once price rebound continued.						
			ICP-Ind Crude Prc ((Mar)	- 34.19 USD/bbl	↑ USD/KRW 1,142.89							
	and System Highlight:		LNG Shipping	g Cost benchmark (Jap	-Kor-Aus)	- 0.23 USD/bbl							
Normal Operation			Global Stock Market		Forecasted Market Indicator								
				USD/JPY	BRENT FUT	USD/IDR	Prepared By	Reviewed By	PEAR Document ID#				
GS & FMt Person-on-Board: 247 personel		↑ JKSE 4,829.57	— 1M:108.47	Q2-16:39 USD/bbl	◆ 1 Month:13,171								
			↑ DJIA: 17,721.25	- 3M:108.26	Q3-16:41.60 USD/bbl	◆ 3 Month:13,292	Durings Defended Co. Consider	Defense 9 Floring C. Manage					
						Business Perfomance Sr. Specialist	Perforance & Planning Sr. Manager						

 Normal Operation
 ♠ Nikkei 225: 15,928
 — 6M:107.89
 Avg-2016:40:00 USD/bbl
 ♦ 6 Month: 13,492

 ➡ Shanghai SEC: 3,024.53
 — 1Yr:107.00
 Avg-2017:54.60 USD/bbl
 ➡ 1 Year:13,962