2 IFV B WARM D WARM D IPG B IPG B HVAC C HVAC D GTG B fan & Enclosure ven fan switch every month	LNG Process equipment switching plan September 2024										
P	Priority	HP Pump	BOG Comp	SW Pump	ORV	Metering	LNG Tank 1	LNG Tank 2	LNG Tank 3	LNG Tank 4	
BOG A SWP D ORV G Metering B LP 2C LP 3B LP 4C	1	HP K	BOG B	SWP C	ORV F	Metering E	LP 1A	LP 2A	LP 3C	LP 4A	
A	2	HP E	BOG C	SWP E	ORV A	Metering A	LP 1C	LP 2B	LP 3A	LP 4B	
SWP B	3	HP A	BOG A	SWP D	ORV G	Metering B	LP 1B	LP 2C	LP 3B	LP 4C	
CVP Pump B : Mechanical Seal leak, Vibration Trend too high keep last priority T	4	HP D	BOG D	SWP A	ORV H	Metering C	Remark :	: 28-Sep-24			
The color of the	5	HP G		SWP B	ORV I	Metering D					
B		HP J			ORV E		• • • • • • • • • • • • • • • • • • • •				
Priority	7	HP C			ORV B		Intank pump 2B: FV275B Not fully open keep last priority				
HP Pump A: Bearing manual valve (LNG-1037) damaged (LOTO No.28) 11	8	HP H			ORV C		Intank pump 3B: Isolate due to N2 Seal JB problem (LOTO No.18)				
SWP B: Isolate for DFBS-B Work (LOTO No.6)	9	HP F			ORV D		HP Pump F: Isolate for Overhaul (LOTO No.14)				
CWG & IPG Process equipment switching plan September 2024	10	HP I			ORV J		HP Pump A: Bearing manual valve (LNG-1037) damaged (LOTO No.28)				
Priority IFV Warm water pump IPG Pump HVAC Pump GTG	11	HP B SWP B: Isolate for DFBS-B Work (LOTO No.6)									
Priority Week 1-4 Week 1-2 Week 3-4 Week 1-2 Week 3-4 Week 1-2 Week 3-4 Week 1-4											
Neek 1-4 Week 1-2 Week 3-4 Week 1-4 Remark:	Priority	IFV	IFV Warm wat		er pump IPG Pum		HVAC Pump		GTG		
2		Week 1-4	Week 1-2	Week 3-4	Week 1-2	Week 3-4	Week 1-2	Week 3-4	Week 1-4	Remark:	
Send out (MMSCFD) ORV SWP Type SWP Qty. SW Flow SwP Qty. SW Flow SwP Qty. SW Flow Spp Q	1	IFV A	WARM E	WARM E	IPG A	IPG A	HVAC E	HVAC E	GTG A	- GTG Lube oil cooler	
WARM A WARM B IPG E IPG E HVAC D HVAC A MVAC B	2	IFV B	WARM D	WARM D	IPG B	IPG B	HVAC C	HVAC D	GTG B	fan & Enclosure vent	
*Equipment switching plan September 2024 (เพิ่มเติม) LNG Process Priority LNG Process IA Comp Electrolyzer IPG IA CYP Pump Hot oil Pump WHRU-A WHRU-B GTG L/O Cooler fan GTG Encl Vent Fan 1 IA Comp Electrolyzer A IPG IA CYP Pump A HO Pump A WHRU-A Seal fan A WHRU-B Seal fan A A A 2 IA Comp B Electrolyzer B IPG IA CYP Pump B HO Pump B WHRU-A Seal fan B WHRU-B Seal fan B B B Send out (MMSCFD) ORV SWP Type SWP Qty. SW Flow Electrolyzer (Amp) 190 - 360 1 1 10,000 m3/h Auto by PLC 360 - 550 2 VSD 1st 1 10,000 m3/h Auto by PLC 550 - 740 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3		WARM B	WARM A	IPG C	IPG C	HVAC A	HVAC C		fan switch every	
*Equipment switching plan September 2024 (เพิ่มเติม) LNG Process IPG & ORC Process IPG E ORC Proces IPG E ORC Process IPG E ORC Process IPG	4		WARM A	WARM B	IPG E	IPG E	HVAC D	HVAC A		month	
LNG Process IPG & ORC Process IPG & ORC Process	5		WARM C	WARM C	IPG D	IPG D	HVAC B	HVAC B			
IA Comp Electrolyzer IPG IA CYP Pump Hot oil Pump WHRU-A WHRU-B GTG L/O Cooler fan GTG Encl Vent Fan	*Equipment switching plan September 2024 (เพิ่มเติม)										
1 IA Comp A Electrolyzer A IPG IA B CYP Pump A HO Foil Pump WHRU-A WHRU-B GTG L/O Cooler fan GTG Encl Vent Fan 1 IA Comp A Electrolyzer A IPG IA B CYP Pump A HO Pump A WHRU-A Seal fan A WHRU-B Seal fan A A A 2 IA Comp B Electrolyzer B IPG IA A CYP Pump B HO Pump B WHRU-A Seal fan B WHRU-B Seal fan B B B Send out (MMSCFD) ORV SWP Type SWP Qty. SW Flow Electrolyzer (Amp) 190 - 360 1	Priority	LNG Process			IPG & (RC Process			
2 IA Comp B Electrolyzer B IPG IA A CYP Pump B HO Pump B WHRU-A Seal fan B WHRU-B Seal fan B B B Send out (MMSCFD) ORV SWP Type SWP Qty. SW Flow Electrolyzer (Amp) Operation guide 190 - 360 1 VSD 1st 1 10,000 m3/h Auto by PLC 1.GTGs Spinning reserve capacity must cover PEA+ORC Power 2.Run Seawater Pump A, C for VSD Mode first priority 3.Unloading sampling Berth#1 = 3.0 barg, Berth#2 = 3.3 barg 740 - 930 4 4.ITCP diff pressure between LMPT1-LMPT2 >= 2 barg 930 - 1120 5 VSD 1st, 2nd 2 20,000 m3/h Auto by PLC 5.Metering A/B/C ~ 350 MMSCFD, D/E ~ 800 MMSCFD 1310 - 1500 7 VSD 1st, 2nd and FIX SPD 3 30,000 m3/h Auto by PLC 7.GTG Control mode = MW, MVAR 8.Before unloading operation pressure tank < 190 mbarg	THOTILY	IA Comp	Electrolyzer	IPG IA	CYP Pump	Hot oil Pump	WHRU-A	WHRU-B	GTG L/O Cooler fan	GTG Encl Vent Fan	
Send out (MMSCFD) ORV SWP Type SWP Qty. SW Flow Electrolyzer (Amp) Operation guide 190 - 360 1 1 10,000 m3/h Auto by PLC 1.GTGs Spinning reserve capacity must cover PEA+ORC Power 360 - 550 2 VSD 1st 1 10,000 m3/h Auto by PLC 2.Run Seawater Pump A, C for VSD Mode first priority 3.Unloading sampling Berth#1 = 3.0 barg, Berth#2 = 3.3 barg 4.ITCP diff pressure between LMPT1-LMPT2 >= 2 barg 930 - 1120 5 VSD 1st, 2nd 2 20,000 m3/h Auto by PLC 5.Metering A/B/C ~ 350 MMSCFD, D/E ~ 800 MMSCFD 6.HP Pump 3 Units (390 MMSCFD+) = Intank pump 2 Units 1310 - 1500 7 VSD 1st, 2nd and FIX SPD 3 30,000 m3/h Auto by PLC 8.Before unloading operation pressure tank < 190 mbarg	1	IA Comp A	Electrolyzer A		•				А	А	
190 - 360	2	IA Comp B	Electrolyzer B	IPG IA A		HO Pump B	WHRU-A Seal fan B	WHRU-B Seal fan B	В	В	
360 - 550 2 VSD 1st 1 10,000 m3/h Auto by PLC 2.Run Seawater Pump A, C for VSD Mode first priority 550 - 740 3 3.Unloading sampling Berth#1 = 3.0 barg, Berth#2 = 3.3 barg 740 - 930 4 930 - 1120 5 VSD 1st, 2nd 2 20,000 m3/h Auto by PLC 4.ITCP diff pressure between LMPT1-LMPT2 >= 2 barg 5.Metering A/B/C ~ 350 MMSCFD , D/E ~ 800 MMSCFD 6.HP Pump 3 Units (390 MMSCFD+) = Intank pump 2 Units 1310 - 1500 7 VSD 1st, 2nd and FIX SPD 3 30,000 m3/h Auto by PLC 8.Before unloading operation pressure tank < 190 mbarg	Send o	ut (MMSCFD)	ORV	SWP Type	SWP Qty.	SW Flow	Electrolyzer (Amp)				
3. Unloading sampling Berth#1 = 3.0 barg, Berth#2 = 3.3 barg 740 - 930	190 - 360		1					· · · ·			
740 - 930 4 930 - 1120 5 VSD 1st, 2nd 2 20,000 m3/h Auto by PLC 4.ITCP diff pressure between LMPT1-LMPT2 >= 2 barg 5.Metering A/B/C ~ 350 MMSCFD, D/E ~ 800 MMSCFD 5.Metering A/B/C ~ 350 MMSCFD + Intank pump 2 Units 6.HP Pump 3 Units (390 MMSCFD+) = Intank pump 2 Units 7.GTG Control mode = MW, MVAR 8.Before unloading operation pressure tank < 190 mbarg	360 - 550		2	VSD 1st	1	10,000 m3/h	Auto by PLC	2.Run Seawater Pum	p A, C for VSD Mode	first priority	
930 - 1120 5 VSD 1st, 2nd 2 20,000 m3/h Auto by PLC 5.Metering A/B/C ~ 350 MMSCFD, D/E ~ 800 MMSCFD 1120 - 1310 6 6.HP Pump 3 Units (390 MMSCFD+) = Intank pump 2 Units 1310 - 1500 7 1500 - 1690 8 3 30,000 m3/h Auto by PLC 8.Before unloading operation pressure tank < 190 mbarg	550 - 740		3					3.Unloading sampling	g Berth#1 = 3.0 barg ,	Berth#2 = 3.3 barg	
1120 - 1310 6 6.HP Pump 3 Units (390 MMSCFD+) = Intank pump 2 Units 1310 - 1500 7 1500 - 1690 8 VSD 1st, 2nd and FIX SPD 3 30,000 m3/h Auto by PLC 8.Before unloading operation pressure tank < 190 mbarg	740 - 930		4					4.ITCP diff pressure b	etween LMPT1-LMP	Γ2 >= 2 barg	
1120 - 1310 6 1310 - 1500 7 1500 - 1690 8 30,000 m3/h Auto by PLC 40 8.Before unloading operation pressure tank < 190 mbarg	930 - 1120		5	VSD 1st, 2nd	2	20,000 m3/h	Auto by PLC	5.Metering <u>A/B/C</u> ~ 3	<mark>50 MMSCFD</mark> , <u>D/E</u> ~ 8	800 MMSCFD	
1500 - 1690 8 VSD 1st, 2nd and FIX SPD 3 30,000 m3/h Auto by PLC 8.Before unloading operation pressure tank < 190 mbarg	1120 - 1310		6					6.HP Pump 3 Units (3	90 MMSCFD+) = Inta	nk pump 2 Units	
1500 - 1690 8 VSD 1st, 2nd and FIX SPD 3 30,000 m3/h Auto by PLC 8.Before unloading operation pressure tank < 190 mbarg	1310 - 1500		7					7.GTG Control mode	= MW, MVAR		
and FIX SPD I I I I I I I I I I I I I I I I I I I	1500 - 1690			· ·	3	30,000 m3/h	Auto by PLC		•	nk < 190 mbarg	
1030 1000			9	and FIX SPD		, ,	,		•	•	