

# P78 PRODUCTION SHIFT REPORT

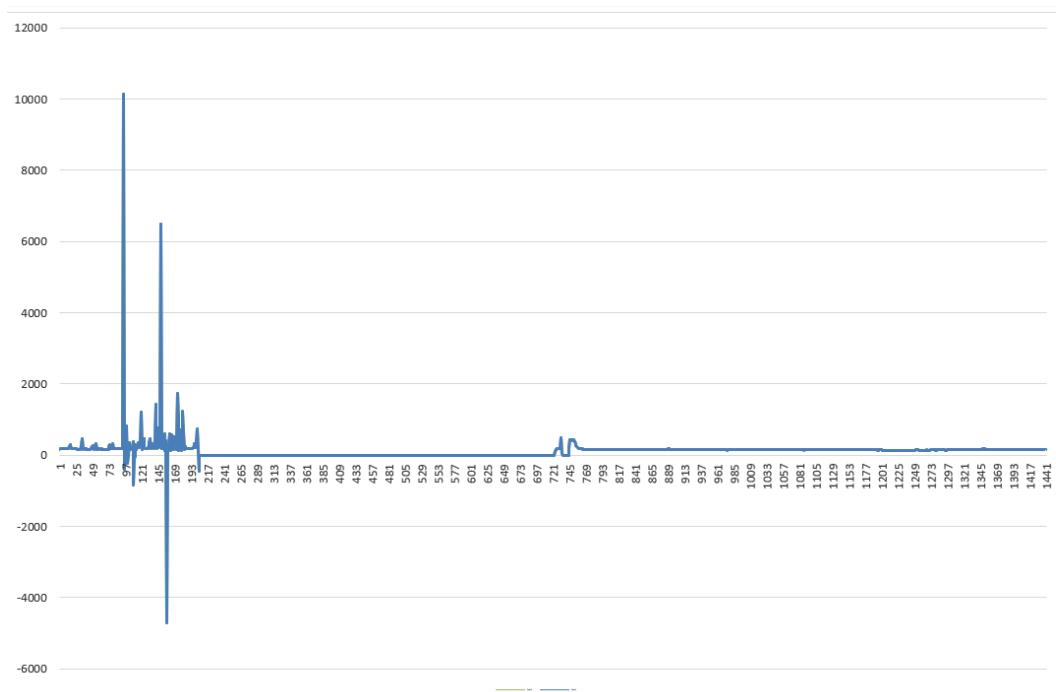
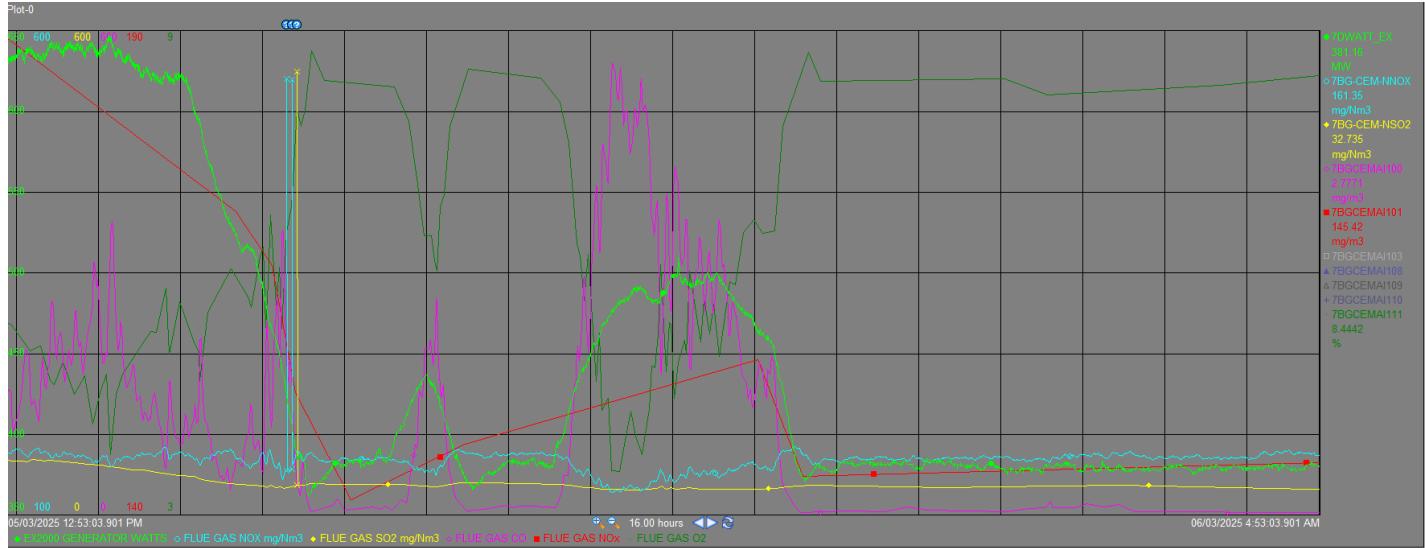
Date : 05 Maret 2025 (Wednesday)  
 Reported by : Hariyanto / Agus Mustofa / Iwan Priyanto

TIME	DESCRIPTION	REMARK																																																																																																
	<b>Process Safety and Environment Information</b>																																																																																																	
20-Nov	Reading accumulation CEMS at DCS is higher than accumulation at CEMS dashboard. It will evaluate calculation at DCS and comparison Flue gas flow rate Unit7	Update calculation on DCS Waiting Unit Shutdown																																																																																																
	<table border="1"> <thead> <tr> <th rowspan="2">Limit</th> <th colspan="2">NOX</th> <th colspan="2">CO</th> <th colspan="2">SO2</th> <th>Particulate</th> <th>Mercury (Hg)</th> </tr> <tr> <th>550 mg/Nm<sup>3</sup></th> <th>35,500 kg/d</th> <th>44,000 kg/d</th> <th>550 mg/Nm<sup>3</sup></th> <th>5,064 kg/d</th> <th>100 mg/Nm<sup>3</sup></th> <th>0.03 mg/Nm<sup>3</sup></th> </tr> </thead> <tbody> <tr> <td>Unit 7</td><td>10143.1</td><td>5061.5</td><td>3709.5</td><td>2807.0</td><td>1837.1</td><td>5.94</td><td>0.00164</td> </tr> <tr> <td>Unit 8</td><td>352.4</td><td>15607.7</td><td>12854.3</td><td>65.2</td><td>1991.5</td><td>17.21</td><td>0.00050</td> </tr> </tbody> </table> <p>Discharge Canal Temperature at DC max= 38.9°C      Scrubber basin Outlet PH (DCS) Min/Mx: 6.77 / 7.03      WWTP equalization basin: level A/B: 16% / 33%</p>	Limit	NOX		CO		SO2		Particulate	Mercury (Hg)	550 mg/Nm <sup>3</sup>	35,500 kg/d	44,000 kg/d	550 mg/Nm <sup>3</sup>	5,064 kg/d	100 mg/Nm <sup>3</sup>	0.03 mg/Nm <sup>3</sup>	Unit 7	10143.1	5061.5	3709.5	2807.0	1837.1	5.94	0.00164	Unit 8	352.4	15607.7	12854.3	65.2	1991.5	17.21	0.00050																																																																	
Limit	NOX		CO		SO2		Particulate	Mercury (Hg)																																																																																										
	550 mg/Nm <sup>3</sup>	35,500 kg/d	44,000 kg/d	550 mg/Nm <sup>3</sup>	5,064 kg/d	100 mg/Nm <sup>3</sup>	0.03 mg/Nm <sup>3</sup>																																																																																											
Unit 7	10143.1	5061.5	3709.5	2807.0	1837.1	5.94	0.00164																																																																																											
Unit 8	352.4	15607.7	12854.3	65.2	1991.5	17.21	0.00050																																																																																											
27-Feb	<p><b>U 7 Technical Generation Losses</b></p> <table border="1"> <tr> <td>Total: 0 MWH</td> <td>Total: 0 MWH</td> </tr> </table> <p>Declare U7: 640 NMW, Declare U8: 630 MW (Station: 1270 MW)</p> <p><b>Unit # 7: Days of continues operation: 53 Days.</b>      Last Maintenance Outage (MO) 10-Jan 2025, @14:54 SWGR-A 13.8 trip      U7 load Max: 645 MW(GROSS) ; Min: 361 MW(GROSS) ; Average: 463 MW(GROSS)      U7 load Max: 611 MW(NET) ; Min: 332 MW(NET) ; Average: 432 MW(NET)      NPHR Target / Achieved: 2627 / 2707 (Loss: 3.07%), Eta Pro:2728/ 2633 kcal/kWh (Loss: 3.58%)      Un-burn carbon Fly ash and Bottom ash= 0.17% (25-Feb) and 2.80% (25-Feb)      Furnace temperature at load 386 MW(Gross) average 993 °C (max: 1073 °C at inspect. hole #14)      Minimize R/H spray. Average MS/RH steam temperature 537 / 533 °C      Turbine 8X vibration max 30 µm at MS/RHT 537 / 526 °C load 484 GMW at 06:05      Average vibration 8x / 7X for 24 hours were: 24 / 62 µm      U7 Frequency of transfer: A:11;B: 5 ;C: 1;D: 6;E: 0;F: 1      500KV GSUT DGA max / average was 17.0 / 16.8 ppm      Make up: 896 tons (open continuous blowdown valve 5 turns).Soot blower: 131 tons,      SW pyrites: 640 tons. Soot blower skip: -  <b>Sootblowers special operations:</b> 420, 421, 422 / 470, 471, 472 (Screen tube), 427/477-428/478-429/479-430/480 (LTSH Cavity) run every 1<sup>st</sup> and 15<sup>th</sup> days of the month (2 times/month).      Clinker Condition at Hole No. -</p> <table border="1"> <tr> <td>C1</td><td>C2</td><td>W</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>E</td><td>C3</td><td>C4</td> </tr> <tr> <td>UC</td><td>UC</td><td>C</td><td>-</td><td>2</td><td>C</td><td>2</td><td>5</td><td>3</td><td>3</td><td>2</td><td>-</td><td>C</td><td>UC</td><td>UC</td> </tr> </table> <p>1: Spotty, 2:&lt;5 cm, 3:5&gt;10 cm, 4:&gt;10&lt;15 cm, 5:&gt;15cm, C: Clean</p>	Total: 0 MWH	Total: 0 MWH	C1	C2	W	10	11	12	13	14	15	16	17	18	E	C3	C4	UC	UC	C	-	2	C	2	5	3	3	2	-	C	UC	UC	<p>Last Sync Sunday, 10-Jan-2025 @19:56</p> <table border="1"> <tr> <td colspan="4">Coal Burn IOL</td> </tr> <tr> <td>23:00</td><td>05:00</td><td>11:00</td><td>17:00</td> </tr> <tr> <td>CLHV+CMHV+ CH3SF+KJA</td><td>CLHV+CMHV+ CH3SF+KJA</td><td>CLHV+CMHV+ CH3SF+KJA</td><td>CLHV+CMHV+ CH3SF+KJA</td> </tr> <tr> <td>4629</td><td>4629</td><td>4629</td><td>4629</td> </tr> <tr> <td>29.17</td><td>29.17</td><td>29.17</td><td>29.17</td> </tr> <tr> <td>5.78</td><td>5.78</td><td>5.78</td><td>5.78</td> </tr> <tr> <td>0.34</td><td>0.34</td><td>0.34</td><td>0.34</td> </tr> <tr> <td>50</td><td>50</td><td>50</td><td>50</td> </tr> </table> <table border="1"> <tr> <td colspan="4">Coal Transfer Plan</td> </tr> <tr> <td>23:00</td><td>5:00</td><td>11:00</td><td>17:00</td> </tr> <tr> <td>KJA50% + JMB50%</td><td>KJA50% + JMB50%</td><td>KJA50% + JMB50%</td><td>KJA50% + JMB50%</td> </tr> <tr> <td>4853</td><td>4853</td><td>4853</td><td>4853</td> </tr> <tr> <td>26.27</td><td>26.27</td><td>26.27</td><td>26.27</td> </tr> <tr> <td>4.23</td><td>4.23</td><td>4.23</td><td>4.23</td> </tr> <tr> <td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td> </tr> <tr> <td>50</td><td>50</td><td>50</td><td>50</td> </tr> </table>	Coal Burn IOL				23:00	05:00	11:00	17:00	CLHV+CMHV+ CH3SF+KJA	CLHV+CMHV+ CH3SF+KJA	CLHV+CMHV+ CH3SF+KJA	CLHV+CMHV+ CH3SF+KJA	4629	4629	4629	4629	29.17	29.17	29.17	29.17	5.78	5.78	5.78	5.78	0.34	0.34	0.34	0.34	50	50	50	50	Coal Transfer Plan				23:00	5:00	11:00	17:00	KJA50% + JMB50%	KJA50% + JMB50%	KJA50% + JMB50%	KJA50% + JMB50%	4853	4853	4853	4853	26.27	26.27	26.27	26.27	4.23	4.23	4.23	4.23	0.2	0.2	0.2	0.2	50	50	50	50
Total: 0 MWH	Total: 0 MWH																																																																																																	
C1	C2	W	10	11	12	13	14	15	16	17	18	E	C3	C4																																																																																				
UC	UC	C	-	2	C	2	5	3	3	2	-	C	UC	UC																																																																																				
Coal Burn IOL																																																																																																		
23:00	05:00	11:00	17:00																																																																																															
CLHV+CMHV+ CH3SF+KJA	CLHV+CMHV+ CH3SF+KJA	CLHV+CMHV+ CH3SF+KJA	CLHV+CMHV+ CH3SF+KJA																																																																																															
4629	4629	4629	4629																																																																																															
29.17	29.17	29.17	29.17																																																																																															
5.78	5.78	5.78	5.78																																																																																															
0.34	0.34	0.34	0.34																																																																																															
50	50	50	50																																																																																															
Coal Transfer Plan																																																																																																		
23:00	5:00	11:00	17:00																																																																																															
KJA50% + JMB50%	KJA50% + JMB50%	KJA50% + JMB50%	KJA50% + JMB50%																																																																																															
4853	4853	4853	4853																																																																																															
26.27	26.27	26.27	26.27																																																																																															
4.23	4.23	4.23	4.23																																																																																															
0.2	0.2	0.2	0.2																																																																																															
50	50	50	50																																																																																															
16-Sep	1. Analyzer Transmitter (OXYGEN) A, 7BG-AT-562A often Alarm Deviation (XMTR A < B deviation more than 1.5%).	Under Investigation by performance team																																																																																																
18-Sep	2. <b>Found load decrease disruption when conducted closure test at CRV#2.</b> Load drop from 628 GWM to 407 GWM due to IV#1 & RSV#1 suddenly closing when test completed for RSV#2 & IV #2	SR113756 (under investigation Engineering CRV#2 postpone when RPT TG01)																																																																																																
06-Nov	3. 7ID-MOV-729A Dilution Pump MOV found gear box crack	Waiting material/WO. 2409051037 -->PO 94216/PE/POMI/24, PO Waiting approval from SM																																																																																																
06-Nov	4. Found SAH 7A motor drive vibration IB axial side show increase indication. Info by CBM team Replace Fluid Coupling and perform Motor solo run test during unit shutdown.	Monitoring WPCOND/WO.2411071521																																																																																																
22-Nov	5. <b>PA fan 7B vibration motor I-B bearing has increasing value (1,7 Mils), the event is same time with U8 trip.</b> @12:00 (01-Jan), try to Bias PAF 7B until (-60%) at Load 250 NMW, the Demand of PAF 7A/B still (85/22 %); air Flow (109/43); air Press (8,4/8,7 kPa, <b>trip point</b> = 6,25 kPa); PA to furnace DP = 8,8 kPa, <b>trip point</b> = 5 kPa, delay 5 sec; with Coal Properties TM=27.3%, and CV=4803 kcal/kg. (70% CMHV + 30% CHHV). @09-Jan Fan bearing inspections	Monitoring Trip point: 3.0 Mils																																																																																																
04-Jan	6. <b>Sea water leaks at condenser outer loop inletsid.</b> @ Daily check the leaks rate by Chemist. Leak rate: 4.16 liter per hour at load 382 GMW. @ 11:40 (22-Feb) Open continuous blowdown valve 5 turns (as Req. Chemist), BB cation conductivity 1.30 µs/cm.	Monitoring, Closed Blowdown valve when BB cation cond 0.5 µs/cm																																																																																																
24-Dec	7. <b>FGD Operation issue:</b> •26-Jan Restart U7 FGD use Absorber Pump C Flow FGD max 6500t/h (suspect pump performance has degraded). •26-Jan.CFC-MOV-802 hard to open during Absorber pump B start (found disc valve has abration indication) . (SR117345)	Monitoring/Waiting plant condition WO.2501281011																																																																																																
31-Jan	8. <b>Found Pulverizer seal air Fan 7A (7BF-FAN-620A) high vibration.</b> Running test result after regreasing and adding shim between Outer and house bearing, the fan vibration is still high. (put as Emergency Standby). Bearing spare available, plan repair on unit shutdown due damper passing.																																																																																																	
10:26 (02-Feb)	9. <b>Generator Hydrogen Leakage</b> Shut Valve 7HG-ISV-120A/B, 7HG-ISV-130 to check leak rate H2 (Initial Pressure Generator 5.094 Bar, Purity 98.457%) & CHG-V-537 Initial Press H2 Vessel 6.2 Bar. @ 20:00 found H2 leakage at 7GH-RV-300 waiting material expected end of April 2025 (WO : 2502071118, ST014412)	SR117476 (RTV-310B)																																																																																																
17:00 (11-Feb)	10. <b>Mill-7C HAG passing</b>	Information																																																																																																

	<p>Stop Mill 7C for PdM but fail isolation due to HAG fail to shut. Found suspect HAG passing. Temporary action force opening of CAD from 5% to 19% for additional cooling when mill in standby (currently reading MOT decrease from 111 degC to 89 degC)</p> <p>@13:30 join observation result: HAG passing</p> <p>@14:02 restart Mill 7C after ensure no Blockage from feed pipe, see from Light glass</p> <p>@15:30 Strategic Operation, recommended to Standby Mill 7C (as result Meeting – 13 Feb)</p>																																																																	
01-Mar	<p>11. Found Valve 7CM-MOV-455 discrepancy alarm, Status WPCond for repair.</p> <p><b>12. Unit 7 High Priority Alarm:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>U7 HEAT RATE OPTIMIZATION</b></p> <ol style="list-style-type: none"> <li>1. Opening sofa damper C# 1&amp;2 wider than C#3&amp;4 for direct the combustion to the center.</li> <li>2. Condenser Vacuum improvement and leak investigation (drain valve inspection).</li> <li>3. Supply seal water U#7SSCC Bottom Ash some reuse Effluent Water.</li> </ol> <p><b>UNIT 7 ACTIVITIES</b></p> <table> <tbody> <tr> <td>08:51</td><td>1. Increase Generator H2 pressure from 4.8 to 5.1 bar</td><td>Completed</td></tr> <tr> <td>09:00</td><td>2. Chemical injection to boiler furnace unit #7 in 3rd floor with doses 50 ppm = 23 pails</td><td>Information</td></tr> <tr> <td>09:59</td><td>3. Start dilution pump 7B due to discharge canal temperature high &gt; 38.9 C</td><td>Information</td></tr> <tr> <td>10:02</td><td>4. Main turbine valve closure test completed except CRV #2, Control valve no ripple and MW was not fluctuations</td><td>Information</td></tr> <tr> <td>14:01</td><td>5. Change over 7BF-FAN-620 B to A due to local check high vibration &amp; temperature high. 16:00 put back C/O 7BF-FAN-620 A to B as req by CBM team.</td><td>Monitoring</td></tr> <tr> <td>03:00 (06-Mar)</td><td>6. 500 KV phase A (0%), B (0%) and C (0%) arching.</td><td>Information</td></tr> <tr> <td>05:00 (06-Mar)</td><td>7. Fill all of Coal Silo with CLHV=30% + CHSF=40% + CHHV=30%</td><td>Information</td></tr> </tbody> </table> <p><b>Unit # 8: Days of continues operation: 08 Days</b></p> <p>Last forced/Planned outage/ Trip: 24-Feb-2025. @ 21:44 Unit Trip due to Furnace Draft press High High active, due to FGD Trip, all Damper Closed and Hydraulic Oil Skid Trip at Load 550 NMW found all FGD instrument bad quality indication. Investigation result found Digital Output Module fuse was blown.</p> <p>U8 load Max: 663 MW(GROSS) ; Min: 360 MW(GROSS) ; Average: 548 MW(GROSS)      U8 load Max: 631 MW(NET) ; Min: 333 MW(NET) ; Average: 519 MW(NET)      NPHR Target / Achieved: 2542 / 2537 (<b>SAVE:0.17 %</b>), Eta Pro:2543 / 2532 kcal/kWh (<b>Save: 0.44%</b>)      Un-burn carbon Fly ash and Bottom ash= 0.17% (25-Feb) and 2.20% (25-Feb)      Furnace temperature at load 643 MW(Gross) average 1128 °C (max: 1205 °C at inspect. hole #15)      Minimize R/H spray. Average MS/RH steam temperature 530 / 533 °C      Turbine 3X vibration max 81 µm at MS/RHT 535 / 533 °C load 613 GMW at 12:19      Average vibration 3X for 24 hours were: 76 µm      U8 Frequency of transfer: A:4;B: 5 ;C: 4;D: 4;E: 4;F: 1      500KV GSUT DGA max / average was 32.2 / 32.1 ppm      Make up: <b>532</b> tons, Soot blower: <b>143</b> tons, SW pyrites: <b>290</b> tons.  <b>Sootblowers special operations:</b> 420, 421, 422 / 470, 471, 472 (Screen tube), 427/477-428/478-429/479-430/480 (LTSH Cavity) run every 1<sup>st</sup> and 15<sup>th</sup> days of the month (2 times/month).      Clinker Condition at Hole No. –</p> <table border="1"> <thead> <tr> <th>C1</th><th>C2</th><th>W</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th><th>17</th><th>18</th><th>E</th><th>C3</th><th>C4</th></tr> </thead> <tbody> <tr> <td>UC</td><td>UC</td><td>C</td><td>-</td><td>2</td><td>1</td><td>1</td><td>2</td><td>1</td><td>1</td><td>2</td><td>-</td><td>C</td><td>UC</td><td>UC</td></tr> </tbody> </table> <p style="text-align: center;">1: Spotty, 2:&lt;5 cm, 3: 5&gt;10 cm, 4:&gt;10&lt;15 cm, 5:&gt;15cm, C: Clean</p>	08:51	1. Increase Generator H2 pressure from 4.8 to 5.1 bar	Completed	09:00	2. Chemical injection to boiler furnace unit #7 in 3rd floor with doses 50 ppm = 23 pails	Information	09:59	3. Start dilution pump 7B due to discharge canal temperature high > 38.9 C	Information	10:02	4. Main turbine valve closure test completed except CRV #2, Control valve no ripple and MW was not fluctuations	Information	14:01	5. Change over 7BF-FAN-620 B to A due to local check high vibration & temperature high. 16:00 put back C/O 7BF-FAN-620 A to B as req by CBM team.	Monitoring	03:00 (06-Mar)	6. 500 KV phase A (0%), B (0%) and C (0%) arching.	Information	05:00 (06-Mar)	7. Fill all of Coal Silo with CLHV=30% + CHSF=40% + CHHV=30%	Information	C1	C2	W	10	11	12	13	14	15	16	17	18	E	C3	C4	UC	UC	C	-	2	1	1	2	1	1	2	-	C	UC	UC	WO.2501141017/ WPCond													
08:51	1. Increase Generator H2 pressure from 4.8 to 5.1 bar	Completed																																																																
09:00	2. Chemical injection to boiler furnace unit #7 in 3rd floor with doses 50 ppm = 23 pails	Information																																																																
09:59	3. Start dilution pump 7B due to discharge canal temperature high > 38.9 C	Information																																																																
10:02	4. Main turbine valve closure test completed except CRV #2, Control valve no ripple and MW was not fluctuations	Information																																																																
14:01	5. Change over 7BF-FAN-620 B to A due to local check high vibration & temperature high. 16:00 put back C/O 7BF-FAN-620 A to B as req by CBM team.	Monitoring																																																																
03:00 (06-Mar)	6. 500 KV phase A (0%), B (0%) and C (0%) arching.	Information																																																																
05:00 (06-Mar)	7. Fill all of Coal Silo with CLHV=30% + CHSF=40% + CHHV=30%	Information																																																																
C1	C2	W	10	11	12	13	14	15	16	17	18	E	C3	C4																																																				
UC	UC	C	-	2	1	1	2	1	1	2	-	C	UC	UC																																																				
		PIC: pak Sapto PPE																																																																
		Last Sync Tuesday, 25-Feb-2025 @02:13																																																																
	<table border="1"> <thead> <tr> <th colspan="4">Coal Burn IOL</th> </tr> <tr> <th>23:00</th><th>05:00</th><th>11:00</th><th>17:00</th> </tr> </thead> <tbody> <tr> <td>CLHV+CMHV+CH3SF+KJA</td><td>CLHV+CMHV+CH3SF+KJA</td><td>CLHV+CMHV+CH3SF+KJA</td><td>CLHV+CMHV+CH3SF+KJA</td></tr> <tr> <td>4629</td><td>4629</td><td>4629</td><td>4629</td></tr> <tr> <td>29.17</td><td>29.17</td><td>29.17</td><td>29.17</td></tr> <tr> <td>5.78</td><td>5.78</td><td>5.78</td><td>5.78</td></tr> <tr> <td>0.34</td><td>0.34</td><td>0.34</td><td>0.34</td></tr> <tr> <td>50</td><td>50</td><td>50</td><td>50</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="4">Coal Transfer Plan</th> </tr> <tr> <th>23:00</th><th>5:00</th><th>11:00</th><th>17:00</th> </tr> </thead> <tbody> <tr> <td>KJA50% + JMB50%</td><td>KJA50% + JMB50%</td><td>KJA50% + JMB50%</td><td>KJA50% + JMB50%</td></tr> <tr> <td>4853</td><td>4853</td><td>4853</td><td>4853</td></tr> <tr> <td>26.27</td><td>26.27</td><td>26.27</td><td>26.27</td></tr> <tr> <td>4.23</td><td>4.23</td><td>4.23</td><td>4.23</td></tr> <tr> <td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td></tr> <tr> <td>50</td><td>50</td><td>50</td><td>50</td></tr> </tbody> </table>	Coal Burn IOL				23:00	05:00	11:00	17:00	CLHV+CMHV+CH3SF+KJA	CLHV+CMHV+CH3SF+KJA	CLHV+CMHV+CH3SF+KJA	CLHV+CMHV+CH3SF+KJA	4629	4629	4629	4629	29.17	29.17	29.17	29.17	5.78	5.78	5.78	5.78	0.34	0.34	0.34	0.34	50	50	50	50	Coal Transfer Plan				23:00	5:00	11:00	17:00	KJA50% + JMB50%	KJA50% + JMB50%	KJA50% + JMB50%	KJA50% + JMB50%	4853	4853	4853	4853	26.27	26.27	26.27	26.27	4.23	4.23	4.23	4.23	0.2	0.2	0.2	0.2	50	50	50	50	
Coal Burn IOL																																																																		
23:00	05:00	11:00	17:00																																																															
CLHV+CMHV+CH3SF+KJA	CLHV+CMHV+CH3SF+KJA	CLHV+CMHV+CH3SF+KJA	CLHV+CMHV+CH3SF+KJA																																																															
4629	4629	4629	4629																																																															
29.17	29.17	29.17	29.17																																																															
5.78	5.78	5.78	5.78																																																															
0.34	0.34	0.34	0.34																																																															
50	50	50	50																																																															
Coal Transfer Plan																																																																		
23:00	5:00	11:00	17:00																																																															
KJA50% + JMB50%	KJA50% + JMB50%	KJA50% + JMB50%	KJA50% + JMB50%																																																															
4853	4853	4853	4853																																																															
26.27	26.27	26.27	26.27																																																															
4.23	4.23	4.23	4.23																																																															
0.2	0.2	0.2	0.2																																																															
50	50	50	50																																																															
24-Feb	<p>1. Unit Trip due to Furnace Draft press High High active, due to FGD Trip, all Damper Closed and Hydraulic Oil Skid Trip at Load 550 NMW found all FGD instrument bad quality indication. Investigation result found Digital Output Module fuse was blown, replace DO module and Fuse.done (apply trap logic). &gt;&gt;Monitoring      @ 26-PEB/ 10:07 Drop5 FGD fuse blown, some of FGD status fail.</p> <p>2. 8FW-ISV-130A handwheel gearbox was broken.WO.2502251044 Status WAMTL.</p> <p>3. Main filter Stator cooling current dp:16.6 kPa (High/HH sp alarm:8/20 kPa) Wo.2502271046</p> <p>4. 8BS-TI-241A 2" Superheater outlet temperature element &lt; than 8BS-TI-240 A (deviation &gt;14 degC). SR118223</p> <p>5. 500 KV SF6 gas leak at )ring gasket phase B 8GD4B1. (Rate leak 0.01 MPa/day, (current Press: 0.49 MPa) SR118224</p> <p>6. Put bias demand FD Fan 8A to -5% for balance flow with FD Fan 8B (Re-adjusting blade waiting plant condition).</p> <p><b>7. Unit 8 High Priority alarm</b></p> <ul style="list-style-type: none"> <li>• -</li> </ul> <p><b>UNIT 8 HEAT RATE OPTIMIZATION</b></p> <ol style="list-style-type: none"> <li>1. Improve vacuum condenser with survey &amp; check tightness of valve drain to condenser.(Perf Team)</li> <li>2. U8 Boiler Tuning.(Perf Team)</li> </ol> <p><b>UNIT 8 ACTIVITIES</b></p> <table> <tbody> <tr> <td>01-Mar</td><td>1. Found TR/RECT 845A overcurrent trip, back restart trip again. 09:00 Replace SCR &amp; Restart.</td><td>Completed</td></tr> <tr> <td>09:00</td><td>2. Inject Coal Additive to Furnace 50 ppm (23 pails)</td><td>Completed</td></tr> <tr> <td>10:00-19:30</td><td>3. U8 Reliability test &amp; combustion test on high load (NC).</td><td>Information</td></tr> <tr> <td>03:00 (06-Mar)</td><td>4. 500 KV phase A (0%), B (0%) and C (0%) arching.</td><td>Information</td></tr> <tr> <td>05:00 (06-Mar)</td><td>5. Fill all of Coal Silo with CHSF=40% + CLHV=30% + CHHV=30% (Test combustion tunning)</td><td>Information</td></tr> </tbody> </table> <p><b>Balance of Plant</b></p>	01-Mar	1. Found TR/RECT 845A overcurrent trip, back restart trip again. 09:00 Replace SCR & Restart.	Completed	09:00	2. Inject Coal Additive to Furnace 50 ppm (23 pails)	Completed	10:00-19:30	3. U8 Reliability test & combustion test on high load (NC).	Information	03:00 (06-Mar)	4. 500 KV phase A (0%), B (0%) and C (0%) arching.	Information	05:00 (06-Mar)	5. Fill all of Coal Silo with CHSF=40% + CLHV=30% + CHHV=30% (Test combustion tunning)	Information	Inprogress																																																	
01-Mar	1. Found TR/RECT 845A overcurrent trip, back restart trip again. 09:00 Replace SCR & Restart.	Completed																																																																
09:00	2. Inject Coal Additive to Furnace 50 ppm (23 pails)	Completed																																																																
10:00-19:30	3. U8 Reliability test & combustion test on high load (NC).	Information																																																																
03:00 (06-Mar)	4. 500 KV phase A (0%), B (0%) and C (0%) arching.	Information																																																																
05:00 (06-Mar)	5. Fill all of Coal Silo with CHSF=40% + CLHV=30% + CHHV=30% (Test combustion tunning)	Information																																																																
		Inprogress																																																																

	CSW / CST (U7/8) Tank Level: 88% ( 98% / 98% ) SWRO A/B product water flow: A/B: 110 m <sup>3</sup> - 107 m <sup>3</sup> Total caustic soda consumption: 0 ton	
06-Jan	<p><b>Balance of Plant Problem</b></p> <ol style="list-style-type: none"> <li><b>Retention Basin Pump.</b> CPD-P- 910A, Pump Unbalance. Recondition submersible pump (Waiting material <b>ST038054</b> Victaulic ridged coupling 6" è Lead time 40 days.<b>12-Dec</b> Install retention basin pump CPD-P-910A (refurbish pump), but motor current still high while first start. 07-jan CPD-P-910C External power cable was burn (SR116712) &gt;&gt; <b>apply logic for back up pump mode due to pump A&amp;C are not available.</b></li> <li><b>U78 Fly Ash System:</b> <b>CFA-CMP-103 ✓ Inservice to U7&amp;8 (02-Mar)</b> Last update @10:40 (02-Mar): Resetting Trip Overload current of Breaker done.(trip due to loss of power) <b>7FA-CMP-104 ☔ Standby</b> @10:40 (02-Mar): Last Trip due to High Air temperature SR118243 <b>Station compressor:</b> ☔ Standby 8FA-CMP-103 ✗ N/A Knocking on drive gear, not accepted for running. SR116521. 7FA-CMP-103 ✗ N/A due to High vibration ~ PR189023 <b>Temporary Rental compressor:</b> ✗ N/A not available</li> <li><b>7FA-DRY-107: ✓ Inservice to U7&amp;8.</b> 8FA-DRY-106: ☔ Standby CFA-DRY-106: ☔ Standby. 7FA-DRY-106: ✗ N/A not available (compressor, fan cooler no spare) SR116542</li> <li><b>CRO-P-100A SWRO supply pump, (Last Condition No Motor)</b> 28-Aug Solo run test by EIC &amp; CBM, result motor side Normal. Suspect vibration from pump side. <b>@ 19-Oct, Remove and replace motor of CRO-P-100A to C done</b></li> </ol>	Progress installation & testing
26-Aug	5. Need monitoring during CRO-P-910A in service (oil motor leaks) still investigation	Information
27-Nov	6. Aeration Fan A not available due to motor swap to Aeration fan C (bearing fan looseness) need bearing replacement. Motor under refurbishment.	WAMTL
7-Jan	7. Station air compressor A low speed Vibration alarm active after running about 5 minutes. 30-Jan Run Test Air Compressor A still vibration 04-Feb Solo run test and impeller inspection result Ok. Need further discussion between maint & eng team.	PO 88855 ETA.09-Mar
25-Jan	8. Make up DWRO train A reject discharge flow indicator transmitter CDW-FIT-502A is bad quality. Temporary force logic and put manual flow control valve. SR118205.	WO.2501281044/ PR.189713 PR.189713 --> 95604/PE/POMI/25 (Status : PO raised)
01-Mar		WAMTL
	<b>UNIT BOP ACTIVITIES</b>	
19-Feb	1. Found CRO-FV-549 inlet DAF flow CV tracking to close and cause pre-treatment tripped. Temp.action: put manual control operation.	WO.2502171020
13:00	2. Stop recycle mix bed B (Conductivity : 0.105). Info to chemist team.	Information
	<b>Load scheduled and Activity for next 24 hours:</b>	
08:00-20:00	<ol style="list-style-type: none"> <li>U78 Maintain load as PLN requested. U7 Full Load (<b>≥ 595 NMW</b>) = 13.5 hrs. TML = 0 hrs. (350 NMW ≤ 590NMW) = 10.5 hrs. U8 Full Load (<b>≥ 595 NMW</b>) = 18.0 hrs. TML = 0 hrs. (350 NMW ≤ 590NMW) = 6.0 hrs.</li> <li>Unit-8 Reliability Test at 610 NMW (phase-3)</li> </ol>	3-7 Maret 2025

## U7 CEMS



500 KV BUS-B SF6

