

Dec 22

Day	Downtime	Availability	Rationale
1	18	25.00%	Unit start up
2	4	83.33%	Turbine Commissioning, overspeed fault
3	0	100.00%	
4	0.5	97.92%	Transverse screw trip on fuel dosing bin causing load shift and lost turbine momentarily.
5	2.5	89.58%	Speed sensor to Transverse screw on Dosing bin failed causing load shift and turbine trip, sensor replaced and turbine restarted.
6	22	8.33%	Turbine trip linked to superheater safety valve fault
7	24	0.00%	HP Turbine strip down, replacing gland seals
8	24	0.00%	
9	24	0.00%	
10	24	0.00%	
11	24	0.00%	
12	24	0.00%	
13	24	0.00%	
14	16	0.00%	Unit start up
15	0	100.00%	
16	4.5	81.25%	Plant trip due to earth fault on Turbine Lube oil heater, repaired and plant restarted.
17	0	100.00%	
18	8	66.67%	Incline conveyor scraper sheared and jammed conveyor requiring emergency dosing until Loading shovel fault, scraper refitted and plant restarted.
19	0	100.00%	
20	0	100.00%	
21	0	100.00%	
22	0	100.00%	
23	0	100.00%	
24	0	100.00%	
25	0	100.00%	
26	0	100.00%	
27	0	100.00%	
28	3	87.50%	Unit tripped due to Boiler PLC freezing, reset and plant restarted
29	2	91.67%	Two Turbine trips one caused by Vibration sensor fault and second caused by control oil low pressure alarm. Plant then restarted
30	17.5	27.08%	
31	0.5	97.92%	Boiler Tripped on Low Steam Drum Level due to feedwater control valve fault, fault resolved and plant restarted.
Month	266.5	63.10%	