

Instrument	Parameter	Description	Unit
0EAF10CW001XQ02	Crane 1 weight drop to hopper 1	Crane 1 Waste to Hopper 1	kg
1LAB40CF901XR01	Flw FdWa BoilWaSid:Drm&Eco FY	Feedwater Flow Line 1	t/h
1LBA10CF901XR01	Flw LiveSt BoilWaSid:SupHtr FY	Steam Flow Line 1	t/h
1LBG30CF901XR01	Flw SatSt BoilWaSid:Drm&Eco FY	Saturated Steam Flow to Primary Air Preheater	t/h
1HLA10CF901	Flw Air PrimAirSys FI	Primary Combustion Air Flow Line 1	Nm <sup>3</sup> /h
1HLA20CF901	Flw Air SecAirSys FY	Secondary Combustion Air Flow Line 1	m <sup>3</sup> /h
1HNF10CF901	Flw FluGas FGReCirc FY	Flue Gas Recirculation Flow Line 1	Nm <sup>3</sup> /h
1HNE10CF901	L1 Flow	Flue Gas Flow at Stack Line 1 Wet Basis	m <sup>3</sup> i.N./h wet
1HTJ41AF001_SPEE D	MOTOR SPEED	Lime Metering Screw No. 1 Speed Line 1	%
1HRJ20AF001_SPEE D	MOTOR SPEED	Lime Metering Screw No. 2 Speed Line 1	%
1HGA05CF001	Flw NH4OH NH4OHInj FTI	Ammonia Hydroxide Flow Line 1	l/h
1QCB41CF001	Flw NaOH aq NaOHSply FTI	Sodium Hydroxide Flow Line 1	l/h
1HJY10EA001XE01	Burner 1 Load	Auxiliary Burn No. 1 Line 1 Firing Rate	%
1HJY20EA001XE01	Burner 2 Load	Auxiliary Burn No. 2 Line 1 Firing Rate	%
1HLA10CT001	Temp Air PrimAirSys TTI	Primary Combustion Air Temperature (unheated) Line 1	°C
1HLA10CT002	Temp Air PrimAirSys TTI	Primary Combustion Air Temperature (pre-heated) Line 1	°C
1HLA20CT002	Temp Air SecAirSys TTI	Secondary Combustion Air Temperature (pre-heated) Line 1	°C
1HNF10CT001	Temp FluGas FGReCirc TTI	Flue Gas Recirculation Temperature Line 1	°C
1HBK10CT902	Temp BoilFGSid1 TI	Flue Gas Temperature Combustion Chamber (First Pass) Line 1	°C
1HBK41CT001	Temp L FluGas BoilFGSid2 TTI	Flue Gas Temperature Inlet Superheater 1.1 Line 1	°C
1HBK41CT011	Temp L FluGas BoilFGSid2 TTI	Flue Gas Temperature Inlet Superheater 3.1 Line 1	°C
1HBK41CT021	Temp L FluGas BoilFGSid2 TTI	Flue Gas Temperature Inlet Superheater 3.2 Line 1	°C
1HTR10CT901	Temp 2oo3 SemiDryReac TY	Flue Gas Temperature Semi-Dry Reactor Outlet Line 1	°C
1HBK42CT001	Temp L FluGas BoilFGSid2 TTI	Flue Gas Temperature Superheater Outlet/Economizer Inlet Line 1	°C
1HNA10CT001	Temp FluGas FGPath TTI	Flue Gas Temperature Semi-Dry Reactor Inlet Line 1	°C
1HNA10CT002	Temp FluGas FGPath TTI	Flue Gas Temperature Semi-Dry Reactor Inlet Line 1	°C
1HNA20CT002	Temp FluGas FGPath TTI	Flue Gas Temperature Baghouse Outlet Line 1	°C
1HNA30CT901	Temp 2oo3 ScrubLight TY	Flue Gas Temperature Wet Scrubber Outlet Line 1	°C
1HNA20CT003	Temp FluGas FGPath TTI	Flue Gas Temperature Wet Scrubber Inlet Line 1	°C
1LAB40CT001	Temp FdWa BoilWaSid Drm&Eco TTI	Feedwater Temperature Prior to Economizer Preheat Line 1	°C
1LAD10CT001	Temp FdWa BoilWaSid Drm&Eco TTI	Feedwater Temperature Prior to Economizer Preheat Line 1	°C
1LAB40CT003	Temp FdWa BoilWaSid Drm&Eco TTI	Feedwater Temperature Prior to Economizer Preheat Line 1	°C
1HAC10CT001	Temp FdWa BoilWaSid Drm&Eco TTI	Feedwater Temperature Preheated to Steam Drum Line 1	°C

1LBA10CT901	Temp 2oo3 LiveSt BoilWaSid:SupHtr TTI	Superheated Steam Temperature Line 1	°C
1HLA10CP003	Pr Air PrimAirSys PTI	Primary Combustion Air Pressure Line 1	mbar
1HNF11CP001	Pr FluGas FGReCirc PTI	Flue Gas Recirculation Pressure South (Bunker) Side Line 1	mbar
1HNF12CP001	Pr FluGas FGReCirc PTI	Flue Gas Recirculation Pressure North (Boiler) Side Line 1	mbar
1HLA21CP001	Pr Air SecAirSys PTI	Secondary Combustion Air Pressure South (Bunker) Side Line 1	mbar
1HLA22CP001	Pr Air SecAirSys PTI	Secondary Combustion Air Pressure North (Boiler) Side Line 1	mbar
1HBK10CP901	Pr 2oo3 BoilFGSid1 PY	Flue Gas Pressure Combustion Chamber (First Pass) Line 1	mbar
1HBK50CP001	Pr FluGas BoilFGSid1 PTI	Flue Gas Pressure Boiler Exit Line 1	mbar
1HTR10CP902	Pr 2oo3 SemiDryReac PY	Flue Gas Pressure Semi Dry Reactor Outlet Line 1	mbar
1HNA30CP901	Pr 2oo3 IDFan PY	Flue Gas Pressure Induced Draft Fan Inlet Line 1	mbar
1HAD10CP004	Pr SatSt BoilWaSid:Drm&Eco PTI	Saturated Steam Pressure Line 1	bar
1LBA10CP001	Pr LiveSt BoilWaSid SupHtr PTI	Superheated Steam Pressure Line 1	bar
1HNA10CQ010	Qty FluGas FGPath QT	Oxygen Content at Exit of Boiler Line 1	% Wet
1HNC10CS001	Sp Air IDFan ST	Induced Draft Fan Speed Line 1	rpm
1EYA10EB001ZJ58	Waste NCV Hu,B 8 Hour Average	8-Hour Average Waste Net Calorific Value Line 1	MJ/kg
0PAB40CF001	Flw MnCoolWa Seawater Cooling Trash Screen FTI	Seawater Cooling Water Discharge Flow	m³/h
0LBA20CT001	Temp HPSt ConnStTurb TTI	Steam Temperature at Turbine Inlet	°C
0LBA10CP001	Pr HPSt HPStDist PTI	Steam Pressure High Pressure Steam Header	bar
0AEA03FC1_P	P	Gross Generator Output	kW
0MKA10CE001XQ01	Power of TG	Gross Power Output at the generator	MW
0EAF10CW001XQ03	Crane 1 drop to hopper 2	Crane 1 Waste to Hopper 2	kg
1EYA10EB001ZJ57	Waste NCV Hu,B 3 Hour Average	3-Hour Average Waste Net Calorific Value Line 1	MJ/kg
1EYA10EB001ZJ59	Waste throughptut m B 3 Hour Average	3-Hour Average Waste Throughput Line 1	t/h
0HRJ10CW001	Wght LC LCSil WTI	Carbon Silo Weight	t
1HTJ10CW001	Wght Ca(OH)2 Ca(OH)2Sil WTI	Hydrated Lime Silo Weight Line 1	t
2HTJ10CW001	Wght Ca(OH)2 Ca(OH)2Sil WTI	Hydrated Lime Silo Weight Line 2	t
0AEA04FC1_P	P	Power back into the plant 'In-plant Power'	kW
0PAB40CQ002	pH MnCoolWa Seawater Cooling Distr.	Seawater Cooling Water pH	pH