



Availability Base Tariff

X-Force Availability Base Tariff provides a platform to capture real time Power generation, its calculation, generation data and obtain actionable information for user. It shows the real time analysis based on power generation schedule. X-Force ABT system provides the Recording & Reporting of Power Generation data based on its Actual & Scheduled Generation. It helps user to plan amount of power generation as per demand and gain more profit.

Benefits of ABT

- More earnings on more generation of power.
- Real time data of Power Generation can be determined and reported.
- Calculation of generated power, its cost with profit can be done.
- Daily performance report can be generated.
- Formulae for all related calculations are accessible.



ABT Capabilities:

SCATTER CHART

SELECT DATE: 1/30/2016

SELECT SHIFT: Day

JSW Energy

KARCHAM WANGTOO HYDRO ELECTRIC PROJECT (4x250 MW)

ABT DETAIL DASHBOARD

Parameter	Date		Parameter	Time
	21-May-2016	18:49:48		
Block No	76	75	EXP/SG %	100.13
Block Time	18:45-19:00	18:30-18:45	SG MWh	20104.4
SG MW/MWh	1088.98/272.24	1088.98/272.24	Exp MWh	20129.62
Avg Exp MW/MWh	1109.07/277.27	1095.97/273.99	Over Inj MWh	185.25
Avg Freq Hz	49.94	49.97	Over Inj Rs	274895.79
EXP/SG %	101.84	100.64	Dev. Cap Rs	119023.65
Dev. MW/MWh	20.09/5.02	6.99/1.75	Diff Dev Cap Rs	155872.12
Dev. Rate Rs	3.24	2.4	Over Inj. Rate Rs	0.64
Dev. In Rs	16266.11	4203.65	Under Inj MWh	-160.02
Addl. Dev. In Rs	0.00	0	Under Inj Rs	-457173.83
Dev. Cap Rs	16266.10	4203.65	Addl. Dev. In Rs	-212402.54
Diff Dev Cap Rs	0.00	0	Under Inj. Rate Rs	4.18
Total Dev. In Rs	16266.11	4203.65	Dev. MWh	25.23
			Dev. Rs	-338150.18
			Dev. Rate Rs	-21.82
				-550552.72

X-Information Portal

Home Configuration Screens Reports Upload File Chart DashBoard Trends XAdmin Help

Daily Performance Report

ReportType: XLSX

StartDate: 25-Jun-2016

Enable mail option: False

MailType: OUTLOOK

Generate Cancel

Ready

Why X-FORCE ABT?

X-FORCE ABT Features

- ABT says on low frequency, grid will give you more money if you generate more power.
- ABT made our conventional monitoring systems obsolete.
- Increasing emphasis on commercial aspects of plant operation
- Need to respond to needs of Operation Engineers in block-to-block decision making.

- Connect with Modbus, IEC, Ethernet or OPC compliance meters.
- Configuration of fuels, combine cycle, fuel cost with applicable date time
- Calculation of Heat Rate, forecast of cut off frequencies and target generation
- Displays all required ABT parameters in real-time at Control Room i.e. "Ex-bus generation", "Net gain" and break-ups of generation on Gas / Liquid fuels.

- Display of Target Generation to assist decisions.
- Generates audio / visual alarms for operator.
- OPC-DA server for integration with other systems.
- Specially designed trending application i.e. Forecast graph and scatter graph.
- No Special scripting is required.
- Customized solution as per user's requirement

Our Customers

