Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
System Summary Report

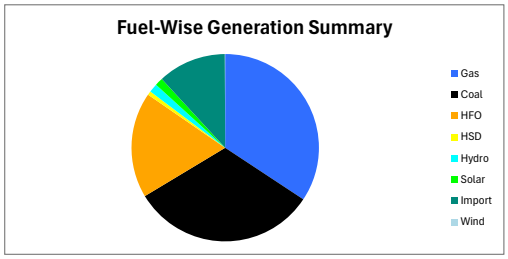
Date : 29-09-2026

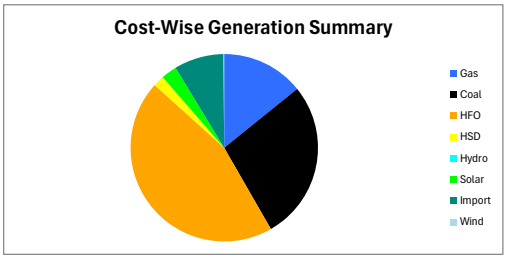
Power Supply Scenario

Day Peak Generation	14863.84	MW	12:00 Hr.	Energy Generated	362.69799	MKWHr.
Day Peak Demand	16295.49	MW	12:00 Hr.	Energy Unserverd	38.45000	MKWHr.
Evening Peak Generation	16681.92	MW	21:00 Hr.	Energy Demand	401.14799	MKWHr.
Evening Peak Demand	17912.78	MW	19:00 Hr.	Maximum Temperature	34.50	°C
Minimum Generation of the Day	14074.31	MW	08:00 Hr.	Total Gas Supplied	897.70	MMCFD
Maximum Generation of the Day	16681.92	MW	21:00 Hr.	Production Cost per KWHr	8.36572	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	35.34	0.00	17.51	0.00	0.00	0.14	0.00	0.00	52.99
Chattogram Zone	4.90	54.02	22.28	0.00	5.31	0.07	0.00	0.20	86.78
Cumilla Zone	31.91	0.00	7.62	0.00	0.00	0.48	1.75	0.00	41.76
Mymensingh Zone	0.00	0.00	4.76	0.00	0.00	0.54	0.00	0.00	5.30
Sylhet Zone	31.80	0.00	0.00	0.00	0.00	0.08	0.00	0.00	31.88
Khulna Zone	0.00	20.03	2.35	1.30	0.00	0.64	20.66	0.00	44.97
Barishal Zone	8.00	38.56	3.68	0.00	0.00	0.00	0.00	0.00	50.24
Rajshahi Zone	12.44	0.00	3.94	0.00	0.00	1.65	20.48	0.00	38.51
Rangpur Zone	0.00	3.79	3.98	1.05	0.00	1.43	0.00	0.00	10.26
Total	124.40	116.41	66.12	2.34	5.31	5.03	42.89	0.20	362.70





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	431018445	Hydro	530854
Coal	834167236	Solar	80387299.74
HFO	1364765519	Import	261925908.4
HSD	58505381.4	Wind	2927635.2

Total: 303,42,28,278 Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	20.658909	Peak Hr Flow	769.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	32092272.73	Import through Adani C/B Interconnector:	MKWHr:	20.480727	Peak Hr Flow	834.14 MW at 21:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	1235	Import through Cumilla C/B Interconnector:	MKWHr:	1.75488	Peak Hr Flow	80.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	1798	Total Import through C/B Interconnector:	MKWHr:	42.894516	Peak Hr Flow	1683.14 MW at 21:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (21:00 Hr.)

Zone	**Load-Shed**	**Demand**
Dhaka	116	6157
Chattogram	0	1376
Cumilla	92	1738
Mymensingh	322	1510
Sylhet	167	827
Khulna	10	2032
Barishal	0	559
Rajshahi	153	1732
Rangpur	118	1127
Total	**978**	**17058**

Status of unavailable Power Plant

Planned S/D			**Forced S/D**		
Sl	Plant Name	Capacity	Sl	Plant Name	Capacity
1	Baghabari 100 MW GTPP	100	1	Bhairob 54.5 MW	54.5
2	Barapukuria TPP Unit-2	85	2	Kushiara 163 MW CCPP (KP) ST	54
3	Siddhirgonj 210 MW TPP	115	3	Sylhet 225 MW CCPP ST	89
	Total	300		Total	197.5
	Total Unavailable Capacity	**497.5**			

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:05	15:17	Ishurdi 132/33kV S/S 132/33 kV T-3 HT Scheduled S/D Due to New Bay CB & DS Installation	35.0MW load interrup.
08:05	15:17	Ishurdi 132/33kV S/S 132/33 kV T-3 LT Scheduled S/D Due to New Bay CB & DS Installation	35.0MW load interrup.
08:36	11:37	Khulna(C)-Noapara 132kV Ckt-2 Scheduled S/D from Noapara 132/33kV end Due to According	

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		to ALDC's Instructions. and from Khulna (C) end Due to To remove kite from line	
08:38	09:29	Saidpur 132/33kV S/S TR-3 (424T) LT Scheduled S/D Due to 33 kv BPBS feeder bus DS red hot maintenance.	20.0MW load interrup.
08:39	09:28	Saidpur 132/33kV S/S TR-3 (424T) HT Scheduled S/D Due to 33 kv BPBS feeder bus DS red hot maintenance.	20.0MW load interrup.
09:03	19:39	Korerhat 400/230/132kV S/S Meghnaghat-1 Project Work S/D Due to DFDR WORK	
09:05	19:01	Madunaghat-Meghnaghat 400kV Ckt-1 Project Work S/D from Meghnaghat 400/230kV end Due to for project work.	
09:33	17:53	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph LT Project Work S/D Due to CAF WORK	
09:34	17:51	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph HT Project Work S/D Due to CAF WORK	
09:40		Satkhira-Manirampur ckt-1 is SD due to project work. Approved by EMD.	
	10:02	Pabna 132/33kV S/S T-2 HT is restored.	
	10:02	Pabna 132/33kV S/S T-2 LT is restored.	
10:15	11:58	Jamalpur United(20MW)-Sherpur 132kV Ckt-1 Scheduled S/D from Sherpur 132/33kV end Due to ROW	
	10:30	Aminbazar-Gopalganj ckt-1 is restored.	
10:45	14:21	Nabinagar 132/33kV S/S Nabinagar-Dhamrai Ckt-2 Project Work S/D Due to Troubleshooting and Rectification of DS operation from CRP at Dhamrai 132 kv Bays Extension.	
11:02		Satkhira-Manirampur ckt-1 SD is Withdrawn.	
11:14		Satkhira-Manirampur ckt-2 is SD due to project work. Approved by EMD.	
11:16	17:35	Bhangura 132/33kV S/S Tr-1(403T) HT Scheduled S/D Due to Removal of Red Hot	
11:26	20:28	Feni 230/132kV S/S ATR-3 HT Project Work S/D Due to SAS & DFDR works	
11:26	20:28	Feni 230/132kV S/S ATR-3 LT Project Work S/D Due to SAS & DFDR works	
11:57		Satkhira-Manirampur ckt-2 SD is Withdrawn.	
11:58	20:25	Feni 230/132kV S/S ATR-1 HT Project Work S/D Due to SAS & DFDR works	
11:58	20:25	Feni 230/132kV S/S ATR-1 LT Project Work S/D Due to SAS & DFDR works	
12:21	19:03	Kachua 230/132/33kV S/S ATR-2 HT Project Work S/D Due to for project work	
12:21	19:03	Kachua 230/132/33kV S/S ATR-2 LT Project Work S/D Due to for project work	
13:02		Meghnaghat CCPP(Summit) Shutdown with remarks:- ST	
13:02		Meghnaghat CCPP(Summit) ST Shutdown with remarks:- As per NLDC requirement.	
13:05		Meghnaghat CCPP(Summit) ST Ready with remarks:- None	
13:09		Meghnaghat CCPP(Summit) GT-2 Shutdown with remarks:- As per NLDC requirement	
13:09		Meghnaghat CCPP(Summit) Shutdown with remarks:- GT2	
13:12		Meghnaghat CCPP(Summit) GT-2 Ready with remarks:- None	
15:46	17:08	Halishahar-Julda 132kV Ckt-1 Forced S/D from Juldah 132/33kV end. and from Halishahar 132/33kV end Due to 132Kv Juldha line urgent rectification to Red Hot issue in R and B phase.	
15:47	19:29	Barishal 230/132kV S/S ATR-1 LT Scheduled S/D Due to Oil feeling	
15:48	19:34	Barishal 230/132kV S/S ATR-1 HT Scheduled S/D Due to Oil feeling	
15:53	16:51	Nabinagar 132/33kV S/S Nabinagar-Dhamrai Ckt-1 Scheduled S/D Due to Dhamrai 132 kV bay extension work	
16:19	17:34	Madunaghat 132/33kV S/S TR-2(517T) LT Tripped showing REF 615 relays Due to Due to the Ononna 33kV feeder trip	17.0MW load interrup.
	20:37	Aminbazar-Kaliakoir 230kV Ckt-1 is restored.	
21:00		Evening Peak Generation: 16681 MW.	
21:57	22:33	Khagrachari-Rangamati 132kV Ckt-1 Tripped from Rangamati 132/33kV end showing REL670 relays Due to Thundering. and from Khagrachori 132/33kV end showing REL 670 relays.	
23:01	00:16	Kasba 132/33kV S/S TR-1 LT Forced S/D Due to red hot maintenance	22.0MW load

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			interrup.
23:02	00:17	Kasba 132/33kV S/S TR-1 HT Forced S/D Due to red hot maintenance	
00:14	01:02	Hathazari-Sitakunda 132kV Ckt-1 Tripped from Sitakunda 132/33kV end showing 87L relay general trip relays Due to Y phase	15.0MW load interrup. Sitakunda 132/33kV end
00:17	01:15	Hathazari-Sitakunda 132kV Ckt-2 Tripped from Sitakunda 132/33kV end showing 87L relay general tripY phase relays.	15.0MW load interrup. Sitakunda 132/33kV end
05:46		Adani Power Jharkhand Ltd. Unit-1 was forced shutdown due to generator differential protection alarm.	
06:00		Minimum generation is 13607 MW.	
06:24		Aminbazar 400/230/132kV S/S ATR-01 LT Scheduled S/D Due to Redhoot Maintenance	
06:30		Aminbazar 400/230/132kV S/S ATR-01 HT Scheduled S/D Due to Redhoot Maintenance	
06:33		Jashore - Kaliganj 132kV Ckt-1 Scheduled S/D from Kaliganj 132/33kV end Due to Shutdown taken jashore grid,	
07:20		Narail 132/33kV S/S TR1 (403-T) HT Scheduled S/D Due to Manikganj feeder N-4 redhot maintenance	28.0MW load interrup.
07:40		Haripur 230/132kV S/S Ullon (Maniknagar-2) Tripped showing PH Y, Z1, Dist.Send relays.	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division