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

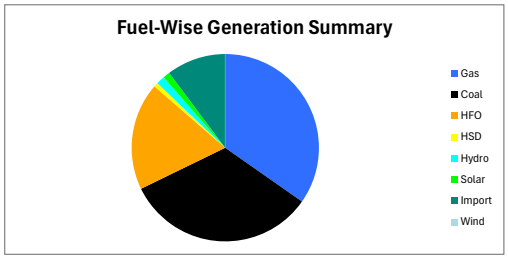
Date : 30-09-2026

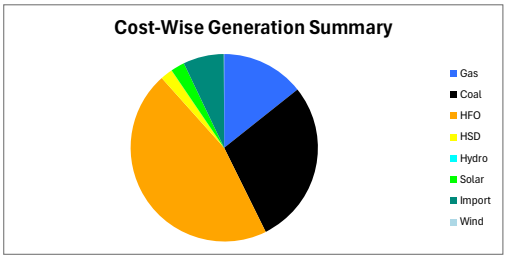
Power Supply Scenario

Day Peak Generation	14691.79	MW	12:00 Hr.	Energy Generated	357.73036	MKWHr.
Day Peak Demand	16162.11	MW	12:00 Hr.	Energy Unserverd	36.46900	MKWHr.
Evening Peak Generation	16647.4	MW	21:00 Hr.	Energy Demand	394.19936	MKWHr.
Evening Peak Demand	18032.15	MW	19:00 Hr.	Maximum Temperature	33.20	°C
Minimum Generation of the Day	13560.25	MW	08:00 Hr.	Total Gas Supplied	903.05	MMCFD
Maximum Generation of the Day	16683.67	MW	22:00 Hr.	Production Cost per KWHr	8.36653	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	36.15	0.00	17.51	0.00	0.00	0.21	0.00	0.00	53.87
Chattogram Zone	5.58	54.07	22.60	0.00	5.28	0.03	0.00	0.09	87.66
Cumilla Zone	31.09	0.00	7.15	0.00	0.00	0.25	1.73	0.00	40.23
Mymensingh Zone	0.00	0.00	4.83	0.00	0.00	0.45	0.00	0.00	5.28
Sylhet Zone	32.12	0.00	0.00	0.00	0.00	0.04	0.00	0.00	32.16
Khulna Zone	0.00	21.61	2.06	1.49	0.00	0.51	20.11	0.00	45.77
Barishal Zone	8.04	38.89	4.39	0.00	0.00	0.00	0.00	0.00	51.33
Rajshahi Zone	11.15	0.00	3.85	0.00	0.00	1.41	14.59	0.00	31.01
Rangpur Zone	0.00	3.91	4.02	1.08	0.00	1.42	0.00	0.00	10.42
Total	124.14	118.48	66.41	2.57	5.28	4.33	36.43	0.09	357.73





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	428380219.7	Hydro	528128.2
Coal	850109352.5	Solar	70517389.87
HFO	1366792294	Import	211916126.4
HSD	63357293.8	Wind	1360531.2

Total: 299,29,61,335 Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	20.111273	Peak Hr Flow	737.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	27362690.91	Import through Adani C/B Interconnector:	MKWHr:	14.590909	Peak Hr Flow	650.54 MW at 21:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	1080	Import through Cumilla C/B Interconnector:	MKWHr:	1.72992	Peak Hr Flow	76.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	1640	Total Import through C/B Interconnector:	MKWHr:	36.432102	Peak Hr Flow	1463.54 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	170	6033
Chattogram	10	1484
Cumilla	20	1683
Mymensingh	209	1460
Sylhet	145	760
Khulna	9	2001
Barishal	2	547
Rajshahi	29	1685
Rangpur	25	1079
Total	**619**	**16732**

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
	08:09	Aminbazar 400/230/132kV S/S ATR-01 HT is restored.	
	08:15	Aminbazar 400/230/132kV S/S ATR-01 LT is restored.	
	08:18	Narail 132/33kV S/S TR1 (403-T) HT is restored.	
	08:24	Haripur 230/132kV S/S Ullon (Maniknagar-2) is restored.	

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	08:56	Jashore - Kaliganj 132kV Ckt-1 is restored.	
09:16	13:25	Gopalganj 132/33kV S/S T1 LT Scheduled S/D Due to Hot spot maintenance 132kV bushing Y-phase	
09:17	13:24	Gopalganj 132/33kV S/S T1 HT Scheduled S/D Due to Hot spot maintenance 132kV bushing Y-phase	
09:22	16:25	Madunaghat-Meghnaghat 400kV Ckt-1 Project Work S/D from Meghnaghat 400/230kV end Due to Requsted by NLDC	
09:23	16:25	Korerhat 400/230/132kV S/S Meghnaghat-1 Project Work S/D Due to DFDR WORK	
09:49	17:52	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph LT Project Work S/D Due to CAF work	
09:50	17:50	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph HT Project Work S/D Due to CAF WORK	
10:20	11:32	Kushtia 132/33kV S/S T-3 LT Forced S/D	10.0MW load interrup.
10:21	11:32	Kushtia 132/33kV S/S T-3 HT Forced S/D	10.0MW load interrup.
10:23	15:02	Nabinagar 132/33kV S/S T-1 LT Scheduled S/D Due to Red Hot maintenance	52.0MW load interrup.
10:23	15:05	Nabinagar 132/33kV S/S T-2 LT Scheduled S/D Due to Red Hot maintenance	52.0MW load interrup.
10:23	15:02	Nabinagar 132/33kV S/S Bus Section-1 Scheduled S/D Due to Red hot maintenance	52.0MW load interrup.
10:23	15:02	Nabinagar 132/33kV S/S Bus Section-2 Scheduled S/D Due to Red hot maintenance	52.0MW load interrup.
10:24	15:01	Nabinagar 132/33kV S/S T-1 HT Scheduled S/D Due to Ref hot maintenance	52.0MW load interrup.
10:25	15:04	Nabinagar 132/33kV S/S T-2 HT Scheduled S/D Due to Red hot maintenance	52.0MW load interrup.
10:31	13:08	Nabinagar 132/33kV S/S Nabinagar-Dhamrai Ckt-1 Scheduled S/D Due to For Ghorashal-Ishordi line reconducting	52.0MW load interrup.
10:31	13:09	Nabinagar 132/33kV S/S Nabinagar-Dhamrai Ckt-2 Scheduled S/D Due to For Ghorashal-Ishordi line reconducting	52.0MW load interrup.
11:21	17:29	Korerhat 400/230/132kV S/S Mirsharai-1 Project Work S/D Due to DFDR WORK	
12:00		Day Peak Generation: 14692 MW	
12:27	15:00	Khulshi-Madunaghat 132kV Ckt-2 Forced S/D from Khulshi 132/33kV end Due to Relay testing	
13:05	14:17	Ashuganj-Kishoreganj 132kV Ckt-1 Forced S/D from Kishoreganj 132/33kV end Due to To cut down trees	
14:02	15:15	Natore 132/33kV S/S TR-3 (425 T) LT Forced S/D Due to Bonpara 33 kv feeder bus DS loop connector maintenance by pbs-2	24.0MW load interrup.
14:02	15:15	Natore 132/33kV S/S TR-3 (425 T) HT Forced S/D Due to Bonpara 33 kv feeder bus DS loop connector maintenance by pbs-2	24.0MW load interrup.
15:05	16:24	Tangail 132/33kV S/S Tr-3 HT Tripped showing No signal was deteched relays.	30.0MW load interrup.
15:14	16:43	Sirajganj 132/33kV S/S T1-(415) LT Forced S/D Due to T1 33kV BUS Shutdown taken by Sirajganj PBS-2 due to 33kV Tamai riser cable fault..	20.0MW load interrup.
15:14	16:43	Sirajganj 132/33kV S/S T1-(415) HT Forced S/D Due to T1 33kV BUS Shutdown taken by Sirajganj PBS-2 due to 33kV Tamai riser cable fault.	
17:57	18:30	Sylhet 132/33kV S/S T2 HT Tripped showing Over Current relays.	78.0MW load interrup.
17:57	18:31	Sylhet 132/33kV S/S T2 LT Tripped showing Over Current relays.	78.0MW load interrup.
18:20	18:40	Niamatpur-Rahanpur 132kV Ckt-2 Tripped from Rahanpur 400/132kV end showing DTT relays.	
18:43	19:52	Nabinagar 132/33kV S/S T-1 LT Scheduled S/D Due to 33kV B Phase PT MCB replace due to PT secondary phase failure.	
18:43	19:49	Nabinagar 132/33kV S/S T-1 HT Scheduled S/D Due to 33kV B Phase PT MCB replace due to PT secondary phase failure.	

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19:13	20:26	Chowmuhani 230/132/33kV S/S TR2 Forced S/D Due to 132kV GCB to CT damaged loop replacement.	30.0MW load interrup.
21:00		Evening Peak Generation: 16647 MW.	
06:00		Minimum generation: 13948 MW	
07:23		Kaliakoir 400/230/132kV S/S 400kV Bus 1 Project Work S/D Due to Shamvuganj bay Jack Bus conductor stringing work by G2G	

Sub-Divisional Engineer Network Operation Division	Executive Engineer Network Operation Division	Superintendent Engineer Network Operation Division