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

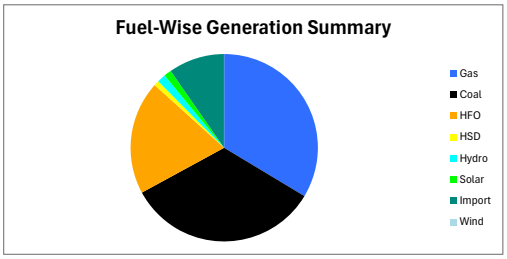
Date : 01-10-2026

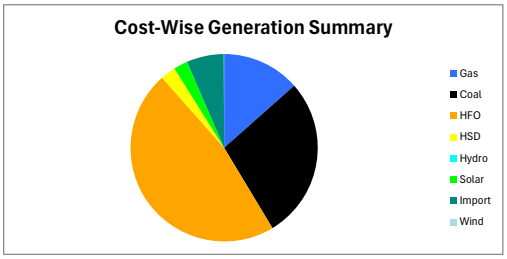
Power Supply Scenario

Day Peak Generation	15270.57	MW	12:00 Hr.	Energy Generated	366.87953	MKWHr.
Day Peak Demand	15573.57	MW	12:00 Hr.	Energy Unserverd	21.78500	MKWHr.
Evening Peak Generation	16550.76	MW	21:00 Hr.	Energy Demand	388.66453	MKWHr.
Evening Peak Demand	17364.85	MW	19:00 Hr.	Maximum Temperature	35.40	°C
Minimum Generation of the Day	13948.96	MW	06:00 Hr.	Total Gas Supplied	878.18	MMCFD
Maximum Generation of the Day	16550.76	MW	21:00 Hr.	Production Cost per KWHr	8.61144	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	36.99	0.00	19.58	0.00	0.00	0.21	0.00	0.00	56.78
Chattogram Zone	5.53	53.84	22.42	0.00	5.32	0.08	0.00	0.10	87.29
Cumilla Zone	30.94	0.00	11.65	0.00	0.00	0.38	1.65	0.00	44.62
Mymensingh Zone	0.00	0.00	4.64	0.00	0.00	0.47	0.00	0.00	5.11
Sylhet Zone	32.81	0.00	0.00	0.00	0.00	0.06	0.00	0.00	32.87
Khulna Zone	0.00	25.48	1.36	1.85	0.00	0.59	20.29	0.00	49.59
Barishal Zone	7.71	39.33	4.35	0.00	0.00	0.00	0.00	0.00	51.40
Rajshahi Zone	9.35	0.00	4.25	0.00	0.00	1.44	13.52	0.00	28.55
Rangpur Zone	0.00	4.04	3.67	1.52	0.00	1.46	0.00	0.00	10.69
Total	123.33	122.69	71.92	3.37	5.32	4.69	35.46	0.10	366.88





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	424950924.3	Hydro	532093.1
Coal	882558971.8	Solar	75846060.57
HFO	1486555099	Import	203246127.7
HSD	84227271.22	Wind	1446009.6

Total: 315,93,62,557 Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	20.294545	Peak Hr Flow	776.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	26824345.45	Import through Adani C/B Interconnector:	MKWHr:	13.516364	Peak Hr Flow	667.78 MW at 21:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	1188	Import through Cumilla C/B Interconnector:	MKWHr:	1.6512	Peak Hr Flow	68.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	1743	Total Import through C/B Interconnector:	MKWHr:	35.462109	Peak Hr Flow	1511.78 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	137	6108
Chattogram	0	1427
Cumilla	13	1563
Mymensingh	170	1428
Sylhet	97	739
Khulna	76	1972
Barishal	21	572
Rajshahi	151	1722
Rangpur	76	1056
Total	**741**	**16587**

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
	09:29	Bajitpur 132/33kV S/S Tr-1(404T) LT is restored.	
10:17	19:06	Kachua 230/132/33kV S/S ATR-2 LT Project Work S/D Due to for SAS configuring.	
10:18	19:05	Kachua 230/132/33kV S/S ATR-2 HT Project Work S/D Due to for SAS configuring.	
10:41	11:29	Barapukuria P/S-Bogura West 230kV Ckt-1 Tripped from Barapukuria 230/132/33kV end showing	

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		ABB REL 521, REL 511 relays Due to Trip R,Y,B.DEF Trip, Zone-2 Trip,Distance 82%, 94HR,94HY,94HB.	
10:45	13:35	Chapai 132/33kV S/S T-2 (415T) LT Forced S/D Due to Hot point maintenance	
10:46	13:34	Chapai 132/33kV S/S T-2 (415T) HT Forced S/D Due to Hot point maintenance.	
12:00		Day Peak Generation: 15271 MW.	
	12:28	Bogura 400/230kV S/S 230 KV BUS-A (A1-A2) is restored.	
12:39	14:20	Araihazar 132/33kV S/S T-1 HT Forced S/D Due to PRD TRIP	40.0MW load interrup.
15:21	15:57	Patiya 132/33kV S/S TRAFO-01 HT Project Work S/D Due to Corrective maintenance	7.0MW load interrup.
15:21	15:58	Patiya 132/33kV S/S TRAFO-01 LT Project Work S/D Due to Corrective maintenance	7.0MW load interrup.
15:29	17:04	Hasnabad 132/33kV S/S 33kv Main Bus Scheduled S/D Due to T-1 33Kv Main Bus DS Red hot maintenance work.	
15:31	17:04	Hasnabad 132/33kV S/S 132/33kV 404 T-1 LT Scheduled S/D Due to T-1 33Kv Main Bus DS Red hot maintenance work.	
15:32	17:04	Hasnabad 132/33kV S/S 132/33kV 404 T-1 HT Scheduled S/D Due to T-1 33Kv Main Bus DS Red hot maintenance work.	
15:52	16:46	BIPTC S/S 10CF24 Tripped showing 10CF24 relays.	
16:20	16:46	BIPTC S/S 10CF24 Forced S/D Due to Maintenance.	
17:10	17:22	Niamatpur-Rahanpur 132kV Ckt-2 Tripped from Niamatpur 132/33kV end showing Distance realy relays Due to DTT	
	18:03	Kaliakoir 400/230/132kV S/S 400kV Bus 1 is restored.	
	20:34	Rampura-Ullon-2 132kV Ckt-2 is restored.	
21:27		Sirajgonj 225MW CCPP Unit-1 Shutdown with remarks:- ST	
21:35		Sirajgonj 225MW CCPP Unit-1 Shutdown with remarks:- GT	
01:31		Ashuganj 420 MW CCPP (East) ST was shutdown.	
02:25		Ashuganj 420 MW CCPP (East) GT was shutdown.	
05:16	05:33	Brahmanbaria 132/33kV S/S 402T LT Tripped showing EF & OC relays.	48.0MW load interrup.
05:24		Rampal 1320 MW (BIFPCL) Unit-1 tripped.	
05:46		Mymensingh 132/33kV S/S Bus A Scheduled S/D	
06:11	07:45	Bagerhat 132/33kV S/S Transformer-1 (403T) HT Scheduled S/D Due to Red hot maintenance work on TR-01 33kv Bus DS.	25.0MW load interrup.
06:11	07:46	Bagerhat 132/33kV S/S Transformer-1 (403T) LT Scheduled S/D Due to Red hot maintenance work on TR-01 33kv Bus DS	25.0MW load interrup.
06:32		Aminbazar 400/230/132kV S/S 230/132kv Tr-03 LT Scheduled S/D Due to CB to DS conductor loop change	
06:50		Kaliakoir 400/230/132kV S/S 400kV Bus 1 Project Work S/D Due to G2G project work	
06:52		Ghorasal-Joydeb-B 132kV Ckt-1 Project Work S/D from Joydebpur 132/33kV end.	
07:00		Minimum generation is 13136 MW.	
07:33		Aminbazar 400/230/132kV S/S 230/132kv Tr-03 HT Scheduled S/D Due to CB to DS conductor loop change	
07:55		Aminbazar-Manikgonj PP 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Changing OPGW	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division