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

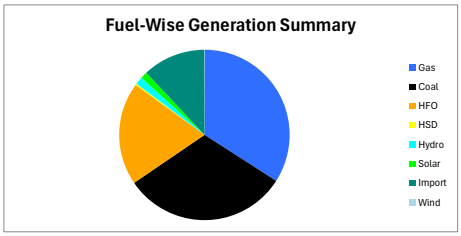
Date : 28-09-2026

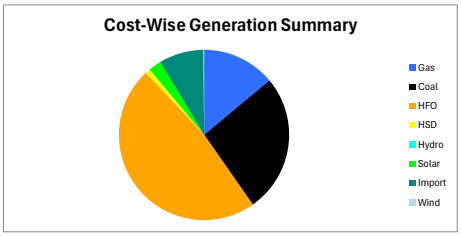
Power Supply Scenario

Day Peak Generation	15104.09	MW	12:00 Hr.	Energy Generated	367.93781	MKWHr.
Day Peak Demand	16102.09	MW	12:00 Hr.	Energy Unserverd	28.13400	MKWHr.
Evening Peak Generation	16564.51	MW	21:00 Hr.	Energy Demand	396.07181	MKWHr.
Evening Peak Demand	18203.51	MW	21:00 Hr.	Maximum Temperature	36.00	°C
Minimum Generation of the Day	14400.08	MW	08:00 Hr.	Total Gas Supplied	900.83	MMCFD
Maximum Generation of the Day	16564.51	MW	21:00 Hr.	Production Cost per KWHr	8.54485	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	35.11	0.00	19.78	0.00	0.00	0.22	0.00	0.00	55.11
Chattogram Zone	5.69	53.50	22.43	0.00	5.34	0.14	0.00	0.21	87.30
Cumilla Zone	33.67	0.00	9.41	0.00	0.00	0.49	1.93	0.00	45.50
Mymensingh Zone	0.00	0.00	5.21	0.00	0.00	0.49	0.00	0.00	5.70
Sylhet Zone	29.92	0.00	0.00	0.00	0.00	0.08	0.00	0.00	30.00
Khulna Zone	0.00	20.09	3.26	0.00	0.00	0.51	21.30	0.00	45.17
Barishal Zone	7.42	38.24	3.67	0.00	0.00	0.00	0.00	0.00	49.33
Rajshahi Zone	13.52	0.00	4.32	0.00	0.00	1.32	20.63	0.00	39.79
Rangpur Zone	0.00	3.81	3.82	0.92	0.00	1.50	0.00	0.00	10.05
Total	125.33	115.65	71.89	0.92	5.34	4.75	43.86	0.21	367.94





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	437456787.3	Hydro	533903.6
Coal	828822932	Solar	76499067.42
HFO	1502090684	Import	267170432.6
HSD	28349924.4	Wind	3048729.6
	Total:	314,39,72,461	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.298909	Peak Hr Flow	799.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	31379309.09	Import through Adani C/B Interconnector:	MKWHr:	20.628364	Peak Hr Flow	817.73 MW at 21:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	1561	Import through Cumilla C/B Interconnector:	MKWHr:	1.93056	Peak Hr Flow	76.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	2002	Total Import through C/B Interconnector:	MKWHr:	43.857833	Peak Hr Flow	1692.73 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	107	6208
Chattogram	57	1717
Cumilla	299	1784
Mymensingh	306	1493
Sylhet	145	788
Khulna	269	2058
Barishal	37	598
Rajshahi	236	1761
Rangpur	112	1106
Total	**1568**	**17513**

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
08:15		Sonargaon 132/33kV S/S Bashundhara Line Tripped showing Trip circuit supervision relay-04 relays.	4.0MW load interrup.
08:34	17:00	Shahjibazar 132/33kV S/S TR-06 LT Tripped showing Over Current Relay relays Due to Over Current Earth fault	
08:34	16:20	Shahjibazar 132/33kV S/S TR-06 HT Tripped showing Non relays Due to Over Current Earth fault	

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09:02	17:00	Shahjibazar 132/33kV S/S TR-06 LT Scheduled S/D Due to Tr-06 33KV side emergency Maintenance Work.	
09:02	16:20	Shahjibazar 132/33kV S/S TR-06 HT Scheduled S/D Due to Tr-06 33KV side emergency Maintenance Work.	
	09:44	Feni 230/132kV S/S ATR-3 HT is restored.	
	09:45	Feni 230/132kV S/S ATR-3 LT is restored.	
10:15	18:06	Korerhat 400/230/132kV S/S ATR-3(7103T) HT Project Work S/D Due to CAF Work	
10:15	18:10	Korerhat 400/230/132kV S/S ATR-3(7103T) LT Project Work S/D Due to CAF work	
10:50		Hasnabad 132/33kV S/S 33kv Reserve Bus Scheduled S/D Due to red hot maintenance by pbs	
11:05		Meghnaghat CCPP(Summit) Synchronized with remarks:- ST	
11:23	12:25	Patiya 132/33kV S/S TRAFO-01 HT Project Work S/D Due to Aux Tr-1 voltage imbalance.	9.0MW load interrup.
11:23	12:26	Patiya 132/33kV S/S TRAFO-01 LT Project Work S/D Due to Aux Tr-1 voltage imbalance	9.0MW load interrup.
12:00		Day Peak Generation: 15104 MW	
12:04	14:00	Hasnabad 132/33kV S/S 132/33kV 404 T-1 LT Scheduled S/D Due to Red hot maintenance.	
12:04	14:00	Hasnabad 132/33kV S/S 132/33kV 404 T-1 HT Scheduled S/D Due to Red hot maintenance.	
12:24	18:46	Niamatpur 132/33kV S/S Transformer-2 (417T) LT Scheduled S/D Due to 33kv &132kv Relay Testing.	
12:25	18:46	Niamatpur 132/33kV S/S Transformer-2 (417T) HT Scheduled S/D Due to 33kv &132kv Relay Testing.	
12:41	14:06	Keranigonj 230/132/33kV S/S TR-1 LT Tripped showing 86.1 trip relay relays Due to 33 kv PBS feeder faulty.	45.0MW load interrup.
12:41	14:04	Keranigonj 230/132/33kV S/S TR-1 HT Tripped showing 86.1 Trip Relay relays Due to Feeder faulty of PBS (Hazratpur and Ati Bazar)	45.0MW load interrup.
13:01	17:47	Korerhat 400/230/132kV S/S 400kV BUS-2 Project Work S/D Due to DFDR WORK	
13:01	17:47	Korerhat 400/230/132kV S/S 400kV BUS-2 Project Work S/D Due to DFDR WORK	
14:21	16:56	Aggreko-keraniganj 132kV Ckt-1 Scheduled S/D from Keranigonj 230/132/33kV end Due to SPMD (Bus Bar Protection) Work at Keraniganj End	
14:31	18:57	Maniknagar 132/33kV S/S Transformer GT-1 HT Tripped showing RESCMMXU2 HIGH - WARM False relays Due to trip	
16:26	17:09	Keranigonj 230/132/33kV S/S 132 kV Hasnabad Ckt. 1 Scheduled S/D Due to Work of DS finger at Hasnabad End	
	17:54	Chandraghona-Madunaghat 132 kV Ckt-2 is restored.	
	17:56	Chandraghona-Madunaghat 132 kV Ckt-1 is restored.	
18:41		Sylhet 225 MW CCPP GT Synchronized with remarks:- None	
18:41		Sylhet 225 MW CCPP Synchronized with remarks:- GT	
19:59	21:33	Barishal-Bhola 230 kV Ckt-1 Forced S/D from Barishal 230/132kV end Due to Bhola 230kv ckt -1 Line DS B phase nut bolt titining due to red hot.	
21:00		Evening peak generation is 16565 MW.	
01:41		Meghnaghat CCPP(Summit)-2 GT Synchronized with remarks:- GT Sync	
01:41		Meghnaghat CCPP(Summit)-2 Synchronized with remarks:- GT	
04:59		Meghnaghat CCPP(Summit)-2 ST Synchronized with remarks:- ST Sync	
04:59		Meghnaghat CCPP(Summit)-2 Synchronized with remarks:- ST	
05:38		Meghnaghat CCPP(Summit) GT-1 Shutdown with remarks:- GT-1 Shutdown given at 5:38 hours as per NLDC demand	
05:38		Meghnaghat CCPP(Summit) GT-1 Ready with remarks:- None	
06:18		Aminbazar-Gopalganj ckt-1 Scheduled S/D from Gopalganj 400/230/132kV end Due to Red Hot point maintenance	
07:15		Pabna 132/33kV S/S T-2 HT Scheduled S/D	
07:15		Pabna 132/33kV S/S T-2 LT Scheduled S/D	10.0MW load interrup.

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