



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

Date : 12-12-2025

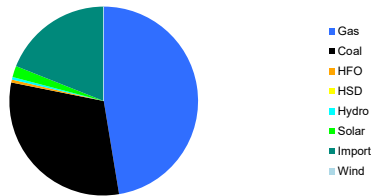
Power Supply Scenario

Day Peak Generation	9155.26	MW	12:00 Hr.	Energy Generated	207.72626	MKWHr.
Day Peak Demand	9155.26	MW	12:00 Hr.	Energy Unserverd	0.00000	MKWHr.
Evening Peak Generation	9663.12	MW	19:00 Hr.	Energy Demand	207.72626	MKWHr.
Evening Peak Demand	9663.12	MW	19:00 Hr.	Maximum Temperature	28.70	°C
Minimum Generation of the Day	7499.57	MW	05:00 Hr.	Total Gas Supplied	728.48	MMCFD
Maximum Generation of the Day	10172.94	MW	13:00 Hr.	Production Cost per KWHr	5.14506	Tk.

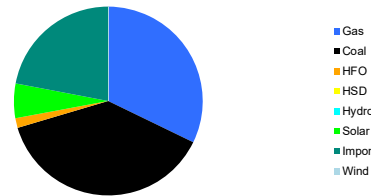
Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	25.75	0.00	0.16	0.00	0.00	0.11	0.00	0.00	26.02
Chattogram Zone	5.55	16.81	0.02	0.00	0.97	0.11	0.00	0.00	23.47
Cumilla Zone	21.22	0.00	0.04	0.00	0.00	0.46	2.12	0.00	23.84
Mymensingh Zone	1.18	0.00	0.81	0.00	0.00	0.31	0.00	0.00	2.30
Sylhet Zone	19.09	0.00	0.00	0.00	0.00	0.04	0.00	0.00	19.13
Khulna Zone	4.71	20.80	0.00	0.00	0.00	0.43	16.98	0.00	42.92
Barishal Zone	7.05	26.24	0.00	0.00	0.00	0.00	0.00	0.00	33.30
Rajshahi Zone	13.96	0.00	0.00	0.00	0.00	1.22	20.26	0.00	35.44
Rangpur Zone	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	1.31
Total	98.50	63.85	1.04	0.00	0.97	4.00	39.36	0.00	207.73

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	344212694.2	Hydro	97200
Coal	408294640.6	Solar	63516884.76
HFO	17736317.24	Import	234885007.4
HSD	0	Wind	21182.4
Total:	106,87,63,926		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	16.979636	Peak Hr Flow	827.00 MW at 19:00 hrs.
Energy Flow from West to East:	KWHr:	44715745.46	Import through Adani C/B Interconnector:	MKWHr:	20.259039	Peak Hr Flow	1119.12 MW at 19:00 hrs.
Flow during Peak Demand (W-E):	MW:	2414	Import through Cumilla C/B Interconnector:	MKWHr:	2.12352	Peak Hr Flow	96.00 MW at 19:00 hrs.
Maximum Power Flow (W-E):	MW:	2764	Total Import through C/B Interconnector:	MKWHr:	39.362195	Peak Hr Flow	2042.12 MW at 19:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:00 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	3177
Chattogram	0	1110
Cumilla	0	855
Mymensingh	0	791
Sylhet	0	363
Khulna	0	1084
Barishal	0	288
Rajshahi	0	900
Rangpur	0	629
Total	0	9197

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			
2	Barapurkuria TPP Unit-2	85			
3	Siddhirgonj 210 MW TPP	115			
	Total	300		Total	0
Total Unavailable Capacity			300		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:10	17:07	Munshiganj 132/33kV S/S Transformer-1 HT Scheduled S/D Due to annual maintenance	
08:10	17:07	Munshiganj 132/33kV S/S Transformer-1 LT Scheduled S/D Due to annual maintenance	
08:15	15:28	Madunaghat 400/230kV S/S AT-2 LT Scheduled S/D Due to Annual Maintenance	
08:15	15:27	Madunaghat 400/230kV S/S ATR-2 7106T HT Scheduled S/D Due to Annual Maintenance	
08:31		Jashore-Noapara 132kV Ckt-1 is restored.	
08:32		Jashore-Noapara 132kV Ckt-2 is restored.	
08:37		Khulna(C)-Noapara 132kV Ckt-1 Scheduled S/D from Noapara 132/33kV end.	
08:38		Khulna(C)-Noapara 132kV Ckt-2 Scheduled S/D from Noapara 132/33kV end.	



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08:40	16:58	Khulna(C)-Khulna (S) 132kV Ckt-1 Scheduled S/D from Khulna(S) 230/132kV end.	
08:41	16:48	Fenchuganj-Sreemangal 132kV Ckt-2 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Srimangal substation maintenance work and from Sreemongol 132/33kV end Due to Annual Maintenance	
09:06	13:23	Mymensingh-Netrokona 132kV Ckt-2 Scheduled S/D from Mymensingh 132/33kV end Due to Maintenance work at Netrokona grid.	
	09:39	Purbasadipur-Thakurgaon-EPV 132kV Ckt-2 is restored.	
10:08	14:49	Purbasadipur-Thakurgaon-EPV 132kV Ckt-1 Project Work S/D from Purbasadipur 132/33kV end Due to LA Dismantal	
	10:49	Cumilla(N) 230/132/33kV S/S 230KV ATR-02 HT is restored.	
	10:50	Cumilla(N) 230/132/33kV S/S 230KV ATR-02 LT is restored.	
	11:38	Feni 132/33kV S/S T-1(405T) HT is restored.	
	11:38	Feni 132/33kV S/S T-1(405T) LT is restored.	
12:00		Day Peak Generation: 9153 MW.	
12:25		400/230 kV (750/1000 MVA) transformer TR-3 of Korerhat grid s/s was charged from both side for the first time.	
12:55	16:44	Shahjadpur 132/33kV S/S T-4(435T) HT Tripped showing o/c, Differential relays Due to Due to 33kV Belkuchi-01 feeder fault	2.0MW load interrupt.
14:19		Mymensingh-Netrokona 132kV Ckt-1 Project Work S/D from Mymensingh 132/33kV end Due to G to G project work.	
	15:20	Purbasadipur-Saidpur 132kV Ckt-1 is restored.	
	15:21	Purbasadipur-Saidpur 132kV Ckt-2 is restored.	
	15:33	Halishahar-Khulshi 132kV Ckt-1 is restored.	
	15:39	Halishahar-Khulshi 132kV Ckt-2 is restored.	
15:45		Rampur 230/132/33 S/S Anandabazar-1 Project Work S/D Due to OPGW work at Anandabazar Grid	
15:45		Purbasadipur-Thakurgaon-EPV 132kV Ckt-2 Project Work S/D from Purbasadipur 132/33kV end.	
	16:34	Keranigonj 230/132/33kV S/S ATR-2 LT is restored.	
	16:34	Keranigonj 230/132/33kV S/S ATR-2 HT is restored.	
	16:38	Maniknagar-Siddhirganj 230kV Ckt-1 is restored.	
	16:39	Maniknagar 230/132kV S/S Auto Transformer-01(705T) LT is restored.	
	16:39	Maniknagar 230/132kV S/S Auto Transformer-01(705T) HT is restored.	
	16:58	Khulna(C)-Khulna (S) 132kV Ckt-1 is restored.	
19:00		Evening Peak Generation: 9663 MW.	
05:00		Minimum Generation: 6978 MW.	
06:18		Khulna(C)-Khulna (S) 132kV Ckt-2 Project Work S/D from Khulna (C) end Due to Project work and from Khulna(S) 230/132kV end.	
06:20	06:32	Savar 132/33kV S/S T-1 LT Tripped showing Current Relay (Micom- P127) relays Due to 33 kV L-35 feeder fault of DPBS-3.	
06:20	06:32	Savar 132/33kV S/S T-2 LT Tripped showing Current Relay (Micom-P127) relays Due to 33kV L-35 feeder fault of DPBS-3.	
07:05		Maniknagar 230/132kV S/S Auto Transformer-01(705T) HT Scheduled S/D Due to Annual Maintenance	
07:05		Maniknagar 230/132kV S/S Auto Transformer-01(705T) LT Scheduled S/D Due to Annual Maintenance	
07:11		Barishal-Patuaakhali(Barguna T at Bakergonj) 132 kV Ckt Scheduled S/D from Barguna 132/33kV end Due to Patuaakhali 132 kv bus maintenance work and from Patuaakhali 132/33kV end Due to BusBar Maintenance	5.0MW load interrupt, Barguna 132/33kV end and 7.5MW load interrupt. Patuaakhali 132/33kV end
07:23		Patuaakhali 132/33kV S/S UPPL (150MW) 132kV LINE Scheduled S/D Due to BusBar Maintenance	
07:25		Patuaakhali 132/33kV S/S 405T (T-1) HT Scheduled S/D Due to BusBar Maintenance	11.0MW load interrupt.
07:25		Patuaakhali 132/33kV S/S 405T (T-1) LT Scheduled S/D Due to BusBar Maintenance	11.0MW load interrupt.



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07:26	Patuakhali 132/33kV S/S 415T (T-2) LT Scheduled S/D Due to BusBar Maintenance	13.0MW load interrupt.
07:26	Patuakhali 132/33kV S/S 415T (T-2) HT Scheduled S/D Due to BusBar Maintenance	13.0MW load interrupt.
07:27	Patuakhali-Payra 132kV Ckt-1 Scheduled S/D from Payra 400/132/33kV end Due to Maintenance and from Patuakhali 132/33kV end Due to BusBar Maintenance	19.0MW load interrupt. Payra 400/132/33kV end
07:28	Patuakhali 132/33kV S/S 425T (T-3) LT Scheduled S/D Due to BusBar Maintenance	13.0MW load interrupt.
07:28	Patuakhali 132/33kV S/S 425T (T-3) HT Scheduled S/D Due to BusBar Maintenance	13.0MW load interrupt.
07:29	Munshiganj 132/33kV S/S Transformer-2 LT Scheduled S/D Due to PBS annual maintenance. Load shed manage by pbs.	
07:29	Munshiganj 132/33kV S/S Transformer-2 HT Scheduled S/D Due to PBS annual maintenance. Load shed manage by pbs.	
07:29	Munshiganj 132/33kV S/S Transformer-1 LT Scheduled S/D Due to PBS annual maintenance. Load shed manage by pbs.	
07:29	Barguna 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Patuakhali 132 kv bus maintenance work	
07:29	Munshiganj 132/33kV S/S Transformer-1 HT Scheduled S/D Due to PBS annual maintenance. Load shed manage by pbs.	
07:30	Barguna 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Patuakhali 132 kv bus maintenance work	
07:31	Barguna 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Patuakhali 132 kv bus maintenance work	
07:32	Barguna 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Patuakhali 132 kv bus maintenance work	
07:33	Hasnabad-Keraniganj 230kV Ckt-1 Scheduled S/D from Keranigonj 230/132/33kV end Due to Annual Maintenance Work and from Hasnabad 230/132kV end Due to Annual Maintenance	
07:34	Patuakhali 132/33kV S/S Main Bus Scheduled S/D Due to BusBar Maintenance	
07:34	Patuakhali-Payra 132kV Ckt-2 Scheduled S/D from Patuakhali 132/33kV end Due to BusBar Maintenance	
07:38	Kodda 132/33kV S/S Bus-1 Scheduled S/D Due to A/M	
07:39	Aminbazar-Airport(Old) 230kV Ckt-1 Scheduled S/D from Agargaon 230/132kV end Due to Annual Maintenance (Deep Cleaning of Insulator Disc)	
07:45	Gulshan 132/33kV S/S MT-2 LT Scheduled S/D Due to Annual Maintenance	
07:46	Gulshan 132/33kV S/S MT-2 HT Scheduled S/D Due to Annual Maintenance	
07:48	Keranigonj 230/132/33kV S/S ATR-2 HT Scheduled S/D Due to Annual Maintenance Work	
07:48	Keranigonj 230/132/33kV S/S ATR-2 LT Scheduled S/D Due to Annual Maintenance Work	
07:52	Daudkandi 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Annual Maintenance Work.	
07:52	Daudkandi 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Annual Maintenance work.	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division