



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

Date : 21-12-2025

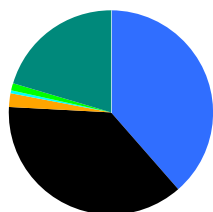
Power Supply Scenario

Day Peak Generation	10131.8	MW	12:00 Hr.	Energy Generated	227.12331	MKWHr.
Day Peak Demand	10131.8	MW	12:00 Hr.	Energy Unservvered	0.00000	MKWHr.
Evening Peak Generation	11046.3	MW	18:00 Hr.	Energy Demand	227.12331	MKWHr.
Evening Peak Demand	11046.3	MW	18:00 Hr.	Maximum Temperature	28.30	°C
Minimum Generation of the Day	7367	MW	05:00 Hr.	Total Gas Supplied	670.77	MMCFD
Maximum Generation of the Day	11046.3	MW	18:00 Hr.	Production Cost per KWHr	5.59246	Tk.

Zone-wise Generation Summary (MKWHr.)

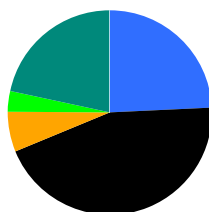
	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	24.34	0.00	2.37	0.00	0.00	0.09	0.00	0.00	26.80
Chattogram Zone	5.63	37.04	0.44	0.00	0.97	0.15	0.00	0.00	44.23
Cumilla Zone	18.18	0.00	0.43	0.00	0.00	0.41	2.37	0.00	21.39
Mymensingh Zone	1.17	0.00	1.09	0.00	0.00	0.22	0.00	0.00	2.48
Sylhet Zone	11.36	0.00	0.00	0.00	0.00	0.06	0.00	0.00	11.42
Khulna Zone	5.83	17.36	0.00	0.00	0.00	0.33	18.73	0.00	42.25
Barishal Zone	7.48	28.97	0.00	0.00	0.00	0.00	0.00	0.00	36.45
Rajshahi Zone	13.54	0.00	0.04	0.00	0.00	0.49	25.19	0.00	39.26
Rangpur Zone	0.00	1.46	0.51	0.00	0.00	0.88	0.00	0.00	2.85
<b>Total</b>	<b>87.53</b>	<b>84.82</b>	<b>4.89</b>	<b>0.00</b>	<b>0.97</b>	<b>2.63</b>	<b>46.28</b>	<b>0.00</b>	<b>227.12</b>

Fuel-Wise Generation Summary



■ Ga  
■ Co  
■ HF  
■ HS  
■ Hy  
■ Sol  
■ Im  
■ Wi

Cost-Wise Generation Summary



■ Gas  
■ Coal  
■ HFO  
■ HSD  
■ Hydro  
■ Solar  
■ Import  
■ Wind

Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	307962842.6	Hydro	97200
Coal	565824360.6	Solar	41499474.75
HFO	80469248.1	Import	274325394.4
HSD	0	Wind	0
<b>Total:</b>	<b>127,01,78,520</b>		<b>Tk.</b>

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	18.72509	Peak Hr Flow	901.00 MW at 18:00 hrs.
Energy Flow from West to East:	KWHr:	46756813.83	Import through Adani C/B Interconnector:	MKWHr:	25.19117	Peak Hr Flow	1382.00 MW at 18:00 hrs.
Energy Flow during Peak Demand (W-E):	MW:	2332	Import through Cumilla C/B Interconnector:	MKWHr:	2.36736	Peak Hr Flow	112.00 MW at 18:00 hrs.
Maximum Power Flow (W-E):	MW:	2682	Total Import through C/B Interconnector:	MKWHr:	46.28362	Peak Hr Flow	2395.00 MW at 18:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (18:00 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	4162
Chattogram	0	1144
Cumilla	0	938
Mymensingh	0	861
Sylhet	0	399
Khulna	0	1251
Barishal	0	309
Rajshahi	0	986
Rangpur	0	774
<b>Total</b>	<b>0</b>	<b>10824</b>

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	Barakupuria TPP Unit-2	85			
3	Siddhirgonj 210 MW TPP	115			
Total		300	Total		0
<b>Total Unavailable Capacity</b>			<b>300</b>		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:01	14:19	Rampura 230/132kV S/S 132 kV Busbar-1 Scheduled S/D Due to Maintenance work for Bashundhara-2 BUS-1 DS	
08:23		Bagerhat 132/33kV S/S Transformer-3 ( 423 T) LT Scheduled S/D Due to 132 TR-3 Change	
08:24		Bagerhat 132/33kV S/S Transformer-3 ( 423 T) HT Scheduled S/D Due to 132 TR-3 Change	
08:24	15:47	Khulna(C)-Khulna (S) 132kV Ckt-2 Scheduled S/D from Khulna (C) end Due to Annual Maintenance and from Khulna(S) 230/132kVend.	
08:27	16:53	Kaliakoir 400/230/132kV S/S 400/230kV TR2 HT Scheduled S/D Due to Annual Maintenance.	
08:27	16:54	Kaliakoir 400/230/132kV S/S 400/230kV TR2 LT Scheduled S/D Due to Annual Maintenance.	
08:27	15:49	C.nawabganj-Rajshahi 132 kV Ckt-1 Scheduled S/D from Chapai 132/33kV end Due to Annual Maintenance	
08:27	16:23	Barishal(N)-Madaripur 132 kV Ckt-2 Scheduled S/D from Madaripur 132/33kV end Due to Annual Maintenance and from Barishal 230/132kV end Due to Annual Maintenance	
08:30	19:42	Chandpur 132/33kV S/S 422T(T-5) HT Scheduled S/D Due to Maintenance	
08:30	19:42	Chandpur 132/33kV S/S 422T(T-5) LT Scheduled S/D Due to Maintenance	
08:34	16:36	Ghorasal-Joydeb-B 132kV Ckt-1 Scheduled S/D from Joydebpur 132/33kV end Due to Annual maintenance work	
08:44	15:15	Bakulia-Khulshi 132 kV Ckt-1 Scheduled S/D from Bakulia 132/33kV end Due to Annual Maintenance.	
08:45	16:47	Gopalganj 400/132kV S/S 230kV Faridpur CKT-01 Scheduled S/D	



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08:45	16:48	Faridpur 132/33kV S/S 230kV Faridpur-Gopalganj CKT-1 Scheduled S/D Due to Annual Maintenance	
08:46	17:51	Bogura 132/33kV S/S Transformer-3 LT Scheduled S/D Due to Annual Maintenance	
08:46	17:50	Bogura 132/33kV S/S Transformer-3 HT Scheduled S/D Due to Annual Maintenance	
08:54	17:16	Aminbazar-Meghnaghat 400kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Deadline checking and from Meghnaghat 400/230kV end Due to 400 kV Aminbazar ckt- 02 shutdown instructed by NLDC.	
08:54	16:19	Sirajganj 132/33kV S/S T4-(445) LT Scheduled S/D Due to Annual Maintenance Work	
08:54	16:18	Sirajganj 132/33kV S/S T4-(445) HT Scheduled S/D Due to Annual Maintenance Work	
08:55	15:36	Hathazari-Kaptai 132kV Ckt-2 Scheduled S/D from Hathazari 230/132/33kV end Due to Annual Maintenance (Dead line cheacking)	
09:05		Cumilla(S)-Kachua 132 kV Ckt-1 Scheduled S/D from Cumilla(N) 230/132/33kV end Due to R-Phase CVT Failed	
09:05	12:19	Kodda 132/33kV S/S Tr-5 (446T) LT Scheduled S/D Due to None	80.0MW load interrupt.
09:05	12:18	Kodda 132/33kV S/S Tr-5 (446T) HT Scheduled S/D Due to None	
09:07	15:26	Cumilla(S) 132/33kV S/S TR-1 LT Scheduled S/D Due to Annual maintenance	27.0MW load interrupt.
09:08	15:26	Cumilla(S) 132/33kV S/S TR-1 HT Scheduled S/D Due to Annual Maintenance	27.0MW load interrupt.
09:12	15:54	Magura 132/33kV S/S T-1 (405T) LT Scheduled S/D Due to Annual Maintenance of Transformer - 1	
09:13	15:50	Magura 132/33kV S/S T-1 (405T) HT Scheduled S/D Due to Annual Maintenance of Transformer - 1.	
09:18	16:27	Kazla 132/33kV S/S GT-2 HT Scheduled S/D Due to Yearly Maintenance Purpose	
09:25	16:56	Shahjibazar-Sreemangal 132kV Ckt-1 Scheduled S/D from Shahjibazar 132/33kV end Due to Annual Maintenance and from Sreemongol 132/33kV end Due to For annual maintenance.	
09:25	14:18	Rahanpur 132/33kV S/S Bus-1 Scheduled S/D Due to Annual maintenance	5.0MW load interrupt.
09:26	14:19	Rahanpur 132/33kV S/S Bus-2 Scheduled S/D Due to Annual Maintenance	
09:28	17:29	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Annual Maintenance Work.	
09:30	14:16	Rahanpur 400/132kV S/S Rahanpur-Chowdala 132 KV Line Ckt-01 Forced S/D Due to Due to Annual maintenance work.	9.0MW load interrupt.
09:31	14:17	Rahanpur 400/132kV S/S Rahanpur-Chowdala 132 KV Line Ckt-02 Forced S/D Due to Due to Annual maintenance work.	9.0MW load interrupt.
09:35	15:17	Kishoreganj 132/33kV S/S Tr-2 (414T) LT Scheduled S/D Due to Annual maintenance	
09:36	15:16	Kishoreganj 132/33kV S/S Tr-2 (414T) HT Scheduled S/D Due to Annual maintenance	
09:55		Bhola 225MW CCPP GT-2 was synchronized	
09:57	16:29	Mahasthangar-Palashbari 132kV Ckt-2 Scheduled S/D from Mahasthangarh 132/33kV end Due to Annual Maintenance	
10:02	16:24	Maniknagar 132/33kV S/S Kazla Ckt -2 Scheduled S/D Due to Annual Maintenance	
10:08	13:24	Haripur 230/132kV S/S 132kV Main Bus Sec-2 Scheduled S/D Due to Annual maintenance	
10:08	13:24	Haripur 230/132kV S/S 132kV Bus Coupler Scheduled S/D Due to Annaual maitenance For Bus Section-2	
10:08	16:31	Mahasthangar-Palashbari 132kV Ckt-2 Scheduled S/D from Palashbari 132/33kV end Due to Annual maintenance	
10:15	16:20	Madanganj 132/33kV S/S Madanganj -Bashundhara 132 kv Ckt Scheduled S/D Due to Annual maintenance	
10:15	16:20	Madanganj 132/33kV S/S Madanganj -Bashundhara 132 kv Ckt Scheduled S/D Due to Annual maintenance	
10:24	15:10	Aminbazar-Manikgonj PP 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Deadline Checking	
10:24	11:43	Sherpur 132/33kV S/S Transformer- 01 LT Scheduled S/D Due to Maintenance Work	
10:24	11:42	Sherpur 132/33kV S/S Transformer- 01 HT Scheduled S/D Due to Maintenance Work.	
10:25	18:03	Aminbazar-Airport(Old) 230kV Ckt-2 Scheduled S/D from Agargaon 230/132kV end Due to Annual maintenance work	
10:36		Khulina(C)-Noapara 132kV Ckt-1 Scheduled S/D from Noapara 132/33kV end.	
10:36		Khulina(C)-Noapara 132kV Ckt-2 Scheduled S/D from Noapara 132/33kV end.	
11:23		Siddhirganj 335 MW CCPP ST was synchronized	
11:32	11:36	Siddhirganj 132/33kV S/S 120MW EGCB GT2 Forced S/D Due to For Tap change of Unit transformer.	
11:38	15:24	Ghatail 132/33kV S/S Bus-2 Scheduled S/D	
	11:42	KSRM 132/33kV S/S Transformer-02 HT is restored.	
11:45	17:50	KSRM 132/33kV S/S Transformer-03 HT Scheduled S/D Due to cleaning purpose	



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11:46	12:35	Siddhirganj 132/33kV S/S 120MW EGCB GT1 Forced S/D Due to For tap change of unit transformer.	
12:00		Day Peak Generation: 10128 MW.	
12:24		Rampal 1320 MW (BIFPCL) unit-1 tripped	
12:27		Ghorasal-Tongi 230kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Shutdown taken by Ghorashal via NLDC	
12:27		Ghorasal-Tongi 230kV Ckt-2 Scheduled S/D from Tongi 230/132/33kV end Due to Shutdown taken by Ghorashal via NLDC	
12:33	12:55	Saidpur 132/33kV S/S TR-01 HT Forced S/D Due to Transformer oil sample collection	
12:36	16:40	Bogura 400/230kV S/S ATR-02 LT Scheduled S/D Due to Annual Maintenace.	
12:37	16:44	Bogura 400/230kV S/S ATR-02 HT Scheduled S/D Due to Annual Maintenace.	
12:46	12:51	Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing OC, R Ph Trip, Y Ph Trip, B Ph Trip. relays Due to Over Current	147.0MW load interrup. Rampura 230/132kV end
	12:46	Sherpur 132/33kV S/S Transformer- 02 HT is restored.	
	12:47	Sherpur 132/33kV S/S Transformer- 02 LT is restored.	
	15:26	Jamalpur-Mymensingh 132kV Ckt-1 is restored.	
15:37	16:57	Cumilla(S) 132/33kV S/S TR-2 HT Scheduled S/D Due to Relay Test By SPMD	20.0MW load interrup.
15:37	16:58	Cumilla(S) 132/33kV S/S TR-2 LT Scheduled S/D Due to Relay Test by SPMD	20.0MW load interrup.
	16:02	Chowmuhani-Feni 132 kV Ckt-2 is restored.	
	16:02	Chowmuhani-Feni 132 kV Ckt-2 is restored.	
	16:11	Moghbazar-Rampura 132kV Ckt-1 is restored.	
	16:58	Bashundhara-Rampura 132 kV Ckt-2 is restored.	
	17:13	Bhaluka-Mymensingh 132 kV Ckt-2 is restored.	
	17:50	Chandpur 132/33kV S/S 402T (T-01) LT is restored.	
18:00		Evening peak generation: 11046 MW	
19:25	22:50	Haripur-Siddirganj 230kV Ckt-2 Forced S/D from Siddhirganj 132/33kV end Due to Shutdown taken for red hot of Y-phase of T-clamp (loop) between DS-673M & DS-674M at 132 kV Haripur-2.	
19:26	22:50	Haripur-Siddirganj 132kV Ckt-2 Scheduled S/D from Haripur 230/132kV end Due to Instruction of backup NLDC	
19:42		Chandpur 132/33kV S/S 402T (T-01) LT Scheduled S/D Due to Load Share	
01:21		Ashuganj 450 MW CCPP(North) Synchronized with remarks:- ST	
05:54	07:40	Bhulta 132/33kV S/S GT1 HT Tripped showing SIMENS SIPROTEC 7UT82 relays Due to 33 KV	60.0MW load interrup.
07:20		Sherpur 132/33kV S/S Transformer- 04 HT Scheduled S/D Due to Annual Maintenance Work.	5.0MW load interrup.
07:20		Sherpur 132/33kV S/S Transformer- 04 LT Scheduled S/D Due to Annual Maintenance Work.	5.0MW load interrup.
07:40		Madunaghat 400/230kV S/S Madunaghat-Shikalbaha 230kV Ckt.-1 Scheduled S/D	

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division