



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

Date : 15-12-2025

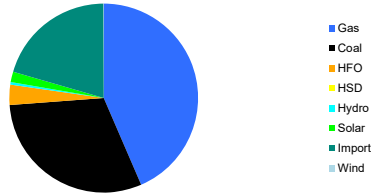
Power Supply Scenario

Day Peak Generation	10129.82	MW	12:00 Hr.	Energy Generated	225.48679	MKWhr.
Day Peak Demand	10129.82	MW	12:00 Hr.	Energy Unservd	0.00000	MKWhr.
Evening Peak Generation	11237.44	MW	18:00 Hr.	Energy Demand	225.48679	MKWhr.
Evening Peak Demand	11237.44	MW	18:00 Hr.	Maximum Temperature	28.80	°C
Minimum Generation of the Day	7628.22	MW	04:00 Hr.	Total Gas Supplied	698.68	MMCFD
Maximum Generation of the Day	11237.44	MW	18:00 Hr.	Production Cost per KWhr	5.56458	Tk.

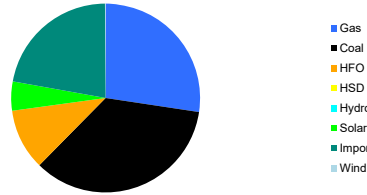
Zone-wise Generation Summary (MKWhr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	26.34	0.00	3.61	0.00	0.00	0.18	0.00	0.00	30.13
Chattogram Zone	6.01	21.02	0.89	0.00	0.96	0.14	0.00	0.09	29.10
Cumilla Zone	21.33	0.00	0.81	0.00	0.00	0.45	2.25	0.00	24.84
Mymensingh Zone	1.03	0.00	1.36	0.00	0.00	0.28	0.00	0.00	2.67
Sylhet Zone	16.82	0.00	0.00	0.00	0.00	0.07	0.00	0.00	16.89
Khulna Zone	5.42	22.67	0.85	0.00	0.00	0.46	19.14	0.00	48.54
Barishal Zone	7.09	23.34	0.00	0.00	0.00	0.00	0.00	0.00	30.44
Rajshahi Zone	14.08	0.00	0.00	0.00	0.00	1.23	24.76	0.00	40.08
Rangpur Zone	0.00	1.36	0.28	0.00	0.00	1.16	0.00	0.00	2.80
Total	98.13	68.39	7.80	0.00	0.96	3.97	46.15	0.09	225.49

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	343075684.5	Hydro	96400
Coal	439679310.3	Solar	62381123.29
HFO	131261313.7	Import	276967815.8
HSD	0	Wind	1276828
Total:	125,47,38,475		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWhr:	0	Import through HVDC C/B Interconnector:	MKWhr:	19.142545	Peak Hr Flow:	373.00 MW at 18:00 hrs
Energy Flow from West to East:	KWhr:	52112272.74	Import through Adani C/B Interconnector:	MKWhr:	24.762545	Peak Hr Flow:	399.44 MW at 18:00 hrs
low during Peak Demand (W-E):	MW:	2652	Import through Cumilla C/B Interconnector:	MKWhr:	2.24736	Peak Hr Flow:	12.00 MW at 18:00 hrs
Maximum Power Flow (W-E):	MW:	2732	Total Import through C/B Interconnector:	MKWhr:	46.15245	Peak Hr Flow:	384.44 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	4149
Chattogram	0	1224
Cumilla	0	913
Mymensingh	0	854
Sylhet	0	408
Khulna	0	1266
Barishal	0	307
Rajshahi	0	997
Rangpur	0	764
Total	0	10882

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	Barapukuria 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
08:06		Mirsorai 230/33kV S/S TR-1, 718T HT is restored.	
08:09	16:38	Daudkandi 132/33kV S/S Transformer-3 LT Scheduled S/D Due to Annual maintenance work	
08:10	16:36	Daudkandi 132/33kV S/S Transformer-3 HT Scheduled S/D Due to Annual maintenance work	
08:10	09:09	Shahjibazar 132/33kV S/S TR-02 LT Scheduled S/D Due to S/D Taken by PBS for redhot maintenance	
08:10	16:32	Hathazari-Kaptai 132kV Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end Due to Daed Line chake	



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08:11	09:08	Shahjibazar 132/33kV S/S TR-02 HT Scheduled S/D Due to S/D Taken by PBS for redhot maintenance	
08:13	16:09	Khulna(C)-Noapara 132kV Ckt-1 Scheduled S/D from Khulna (C) end Due to A/M	
08:17	11:48	Halishahar-Julda 132kV Ckt-1 Tripped from Halishahar 132/33kV end showing Distance relay relays Due to General trip,zone-1,trip,B-phase,SOTF and from Juldah 132/33kV end showing Siemens relays.	
08:18	16:37	Kurigram 132/33kV S/S Transformer T-2 (Tr-413T) LT Scheduled S/D Due to Annual Maintenance	
08:18	16:36	Kurigram 132/33kV S/S Transformer T-2 (Tr-413T) HT Scheduled S/D Due to Annual Maintenance	
08:22	09:37	BIPTC S/S 10CF15 Tripped showing 87.1 Differential Relay relays Due to A Dead Bird was stuck onto the filter	
08:27	16:04	Bogura-Natore 132 kV Ckt-2 Scheduled S/D from Bogura 132/33kV end Due to Annual maintenance. and from Natore 132/33kV end Due to Annual maintenance work	
08:27	16:28	Kaliakoir 400/230/132kV S/S 400/230kV TR1 LT Scheduled S/D Due to Annual Maintenance	
08:27	16:27	Kaliakoir 400/230/132kV S/S 400/230kV TR1 HT Scheduled S/D Due to Annual Maintenance	
08:28	14:57	Feni 132/33kV S/S T-1(405T) LT Scheduled S/D Due to For ANNUAL maintenance	
08:28	14:57	Feni 132/33kV S/S T-1(405T) HT Scheduled S/D Due to For annual maintenance	
08:30	19:48	Barishal-Bhandaria 132 kV Ckt-1 Scheduled S/D from Barishal 132/33kV end Due to Annual maintenance	
08:34	16:45	Rahanpur 132/33kV S/S TR-1 404T LT Scheduled S/D Due to Annual Maintenance	
08:35	18:01	Chowmuhani 132/33kV S/S TR1-415T LT Scheduled S/D Due to Yearly Schedule Maintenance	
08:35	18:01	Chowmuhani 132/33kV S/S TR1-415T HT Scheduled S/D Due to Yearly Schedule Maintenance	
08:36	13:54	Sirajganj 132/33kV S/S T3-(435) LT Scheduled S/D Due to annual maintenance	
08:36	13:54	Sirajganj 132/33kV S/S T3-(435) HT Scheduled S/D Due to annual maintenance	
08:37	16:46	Rahanpur 132/33kV S/S TR-1 404T HT Scheduled S/D Due to Annual maintenance	
08:40	13:53	Shahmirpur-Sikalbaha 132kV Ckt-2 Scheduled S/D from Shahmirpur 132/33kV end Due to Annual Bay Maintenance at Shahmirpur End	
08:42	16:17	Bakulia-Sikalbaha 132 kV Ckt-1 Scheduled S/D from Bakulia 132/33kV end Due to Annual Maintenance	
08:43	15:44	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 Scheduled S/D Due to Dead line Check	
08:46		Barishal-Bhandaria 132 kV Ckt-1 Scheduled S/D from Bhandaria 132/33kV end Due to Annual maintenance	
08:50	17:30	Mirpur 132/33kV S/S Main Bus Scheduled S/D	
08:57	14:15	Narshingdi 132/33kV S/S 132 kV Main Bus-2 Scheduled S/D Due to Annual maintenance	
09:03	17:35	Sreepur 230/132/33kV S/S 132/33 kV T-2 LT Scheduled S/D Due to Maintenance work	
09:04	17:30	Sreepur 230/132/33kV S/S 132/33 kV T-2 HT Scheduled S/D Due to Maintenance work	
09:05		Fenchuganj- Fenchuganj-Khusiara 16 230kV Ckt-1 Scheduled S/D from Fenchuganj 230/132/33kV end.	
09:05	16:12	Bibiyana-Kaliakoir 400 kV Ckt-2 Scheduled S/D from Bibiana 400/230kV end Due to AM	
09:06	15:16	Faridpur 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Annual Maintenance	
09:07		Mirsorai 230/33kV S/S TR-2, 728T LT is restored.	
09:07	15:15	Faridpur 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Annual Maintenance	
09:07		Mirsorai 230/33kV S/S TR-1, 718T LT is restored.	
09:14		Mirsorai 230/33kV S/S TR-2, 728T HT is restored.	
09:17	09:37	BIPTC S/S 10CF15 Scheduled S/D Due to Corrective Maintenance	
09:20	15:20	Mirsorai 230/33kV S/S TR-1, 718T HT Scheduled S/D Due to Annual maintenance	
09:30		UttaraNew 132/33kV S/S GT-02 HT Scheduled S/D Due to Annual maintenance	5.0MW load interrupt.
09:34	12:47	Barapukuria 230/132/33kV S/S 132 KV Bus B Project Work S/D Due to Bus loop change of Rangpur ckt_01	
09:40	12:01	Jashore 132/33kV S/S Cap. Bank-2 Scheduled S/D Due to Annual Maintenance	



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09:40	16:46	Tongi 230/132/33kV S/S T-2 HT Scheduled S/D Due to Annual maintenance
09:40	16:47	Tongi 230/132/33kV S/S T-2 LT Scheduled S/D Due to Annual Maintenance Work
09:40	12:01	Jashore 132/33kV S/S Cap. Bank-1 Scheduled S/D Due to Annual Maintenance
09:45	15:20	Faridpur 132/33kV S/S Transformer-3 LT Scheduled S/D
09:49	15:08	BIPTC S/S 10CF24 Scheduled S/D Due to Annual Maintenance
09:59	13:32	Faridpur 132/33kV S/S Bus-B Scheduled S/D
09:59	13:32	Faridpur 132/33kV S/S Transformer-3 HT Scheduled S/D
10:01	15:35	Ghatail 132/33kV S/S T-1 LT Scheduled S/D Due to Annual Maintenance
10:03	15:33	Ghatail 132/33kV S/S T-1 HT Scheduled S/D Due to Annual Maintenance
10:10	12:43	Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T HT Forced S/D Due to Safety and clearance purpose
10:11	12:44	Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T LT Forced S/D Due to Safety and clearance purpose
	10:57	Rajshahi-Rajshahi(New) 132kV Ckt-1 is restored.
11:02	20:26	Rajendrapur 132/33kV S/S 132 kV BUS-1 Project Work S/D Due to Extention Bay Busber Protection work.
12:00		Day Peak Generation is 10127 MW.
	13:43	Maniknagar 132/33kV S/S Motijheel Ckt-2 is restored.
	16:57	Khulna (C) S/S Tr-2 415 T HT is restored.
	16:58	Khulna (C) S/S Tr-2 415 T LT is restored.
18:00		Evening peak generation 11236 MW
19:52		Kachua-Chowmuhoni 230 kV ckt-1 was switched ON for the first time
19:58		Kachua-Chowmuhoni 230 kV ckt-3 was switched ON for the first time
	20:22	Bhulta 400/230kV S/S 400kV Bus-1 is restored.
21:12		250/350 MVA, 230/132 kV TR-2 transformer was charged from the high voltage side at Chowmuhoni GIS grid substation for the first time
05:00		Minimum Generation: 7467 MW.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division