



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

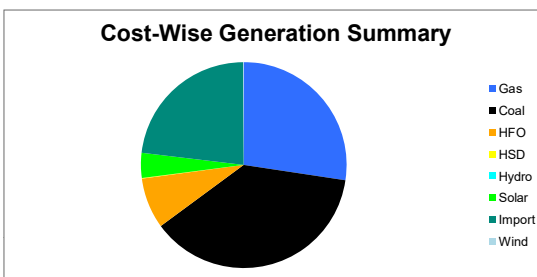
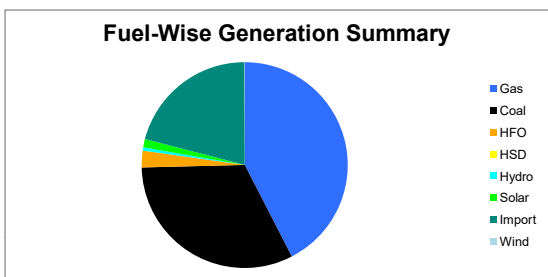
Date : 02-12-2025

Power Supply Scenario

Day Peak Generation	9973.14	MW	12:00 Hr.	Energy Generated	229.49334	MKWHr.
Day Peak Demand	9973.14	MW	12:00 Hr.	Energy Unserverd	0.00000	MKWHr.
Evening Peak Generation	11217.5	MW	18:00 Hr.	Energy Demand	229.49334	MKWHr.
Evening Peak Demand	11217.5	MW	18:00 Hr.	Maximum Temperature	27.40	°C
Minimum Generation of the Day	7704.67	MW	05:00 Hr.	Total Gas Supplied	728.66	MMCFD
Maximum Generation of the Day	11217.5	MW	18:00 Hr.	Production Cost per KWHr	5.49239	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	28.04	0.00	3.32	0.00	0.00	0.14	0.00	0.00	31.49
Chattogram Zone	5.43	21.15	1.03	0.00	1.09	0.14	0.00	0.08	28.92
Cumilla Zone	20.57	0.00	0.31	0.00	0.00	0.22	2.34	0.00	23.43
Mymensingh Zone	0.69	0.00	1.20	0.00	0.00	0.23	0.00	0.00	2.12
Sylhet Zone	18.79	0.00	0.00	0.00	0.00	0.04	0.00	0.00	18.83
Khulna Zone	5.33	22.01	0.00	0.00	0.00	0.32	19.04	0.00	46.69
Barishal Zone	5.39	29.48	0.00	0.00	0.00	0.00	0.00	0.00	34.87
Rajshahi Zone	13.14	0.00	0.00	0.00	0.00	0.99	26.57	0.00	40.69
Rangpur Zone	0.00	1.28	0.13	0.03	0.00	0.99	0.00	0.00	2.43
Total	97.37	73.92	5.98	0.03	1.09	3.06	47.94	0.08	229.49



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	344768325.7	Hydro	109350
Coal	473699215.5	Solar	49276021.35
HFO	100344727.8	Import	290068122
HSD	957691.35	Wind	1242700.8
Total:	126,04,66,154	Total:	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	19.036363	Peak Hr Flow	48.00 MW at 18:00 hrs
Energy Flow from West to East:	KWHr:	50525127.28	Import through Adani C/B Interconnector:	MKWHr:	26.567172	Peak Hr Flow	468.00 MW at 18:00 hrs
Energy Flow during Peak Demand (W-E):	MW:	2562	Import through Cumilla C/B Interconnector:	MKWHr:	2.34144	Peak Hr Flow	16.00 MW at 18:00 hrs
Maximum Power Flow (W-E):	MW:	2714	Total Import through C/B Interconnector:	MKWHr:	47.944975	Peak Hr Flow	432.00 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	4214
Chattogram	0	1227
Cumilla	0	891
Mymensingh	0	807
Sylhet	0	408
Khulna	0	1212
Barishal	0	300
Rajshahi	0	964
Rangpur	0	776
Total	0	10799

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			Total		
300			0		
Total Unavailable Capacity			300		

Event Summary

Outage Time	Restoration	Description of Event	Description of Event
08:05	16:54	Kabirpur - Manikganj 132kV Ckt-2 Scheduled S/D from Manikganj 132/33kV end Due to Annual Maintenance	
08:11	16:03	Natore 132/33kV S/S TR-1 (405 T) LT Scheduled S/D	
08:12	16:02	Natore 132/33kV S/S TR-1 (405 T) HT Scheduled S/D	
08:17	17:26	Cumilla(S) 132/33kV S/S TR-1 LT Scheduled S/D Due to Annual Maintenance	
08:18	17:26	Cumilla(S) 132/33kV S/S TR-1 HT Scheduled S/D Due to Annual Maintenance	
08:25	17:18	Bhulta 400/230kV S/S ATR-01 HT Scheduled S/D Due to Annual Maintenance Works	
08:29	14:49	Rampur 230/132/33 S/S Halishahar-1 Scheduled S/D Due to Annual Maintenance	
08:30	12:38	Sherpur 132/33kV S/S Transformer- 03 LT Scheduled S/D Due to Annual Maintenance	
08:30	12:36	Sherpur 132/33kV S/S Transformer- 03 HT Scheduled S/D Due to Annual Maintenance	
08:31	14:49	Halishahar-Khulshi 132kV Ckt-1 Scheduled S/D from Halishahar 132/33kV end.	
08:32	16:39	Bheramara(GK) 132/33kV S/S TR-2 LT Scheduled S/D Due to Annual maintenance	
08:33	16:38	Bheramara(GK) 132/33kV S/S TR-2 HT Scheduled S/D Due to Annual Maintenance	
08:33	15:47	Jashore-Noapara 132kV Ckt-1 Scheduled S/D from Jashore 132/33kV end Due to Annual Maintenance	
08:36	16:44	Bagerhat-Bhandaria 132 kV Ckt-1 Scheduled S/D from Bagerhat 132/33kV end Due to Annual Maintenance	



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

Date :	02-12-2025	
08:38	17:16 Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end.	
08:40	19:50 Aminbazar 400/230/132kV S/S 230/132kv Tr-02 LT Scheduled S/D Due to Annual maintenance	
08:40	19:50 Aminbazar 400/230/132kV S/S 230/132kv Tr-02 HT Scheduled S/D Due to Annual maintenance	
08:49	13:31 GPH 230/33kV S/S Transformer-01(D05) HT Forced S/D Due to due to oil centrifuging of oil compartment	
08:52	16:41 Cox'sbazar-Dohazari 132 kV Ckt-2 Scheduled S/D from Dohazari 132/33kV end Due to Annual maintenance	
08:54	16:11 Mirzapur 132/33kV S/S Transformer-01(E05) LT Scheduled S/D Due to Annual Maintenance	5.0MW load interrupt.
08:54	16:09 Mirzapur 132/33kV S/S Transformer-01(E05) HT Scheduled S/D Due to Annual Maintenance	5.0MW load interrupt.
08:56	11:20 Bhaluka 132/33kV S/S 01. Transformer- 01 LT Scheduled S/D	
08:56	16:30 Mithapukur-Palashbari 132kV Ckt-1 Scheduled S/D from Mithapukur 132/33kV end. and from Palashbari 132/33kV end Due to Annual Maintenance	
08:57	11:20 Bhaluka 132/33kV S/S 01. Transformer- 01 HT Scheduled S/D	
08:58	17:55 Gopalganj (O) - Gopalganj (N) Ckt-1 Scheduled S/D from Gopalganj 132/33kV end Due to Annual maintenance and from Gopalganj 400/132kVend.	
09:02	15:35 Kasba 132/33kV S/S Muradnagar-Kasba Ckt-1 Project Work S/D Due to NLDC and SCADA integration work	
09:03	15:34 Muradnagar 132/33kV S/S 132 KV Muradnagar- Kosba Ckt-01 Scheduled S/D Due to Project work	
09:05	16:37 Ishwardi-Natore 132kV Ckt-2 Scheduled S/D from Natore 132/33kV end. and from Ishurdi 132/33kV end Due to A/M	
09:05	12:56 Shahjibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to Annual Maintenance.	
09:07	17:08 Haripur 230/132kV S/S Bus-2 Scheduled S/D Due to Annual Maintenance, 2025-26.	
09:08	13:34 Kishoreganj 132/33kV S/S Tr-3 (424T) HT Scheduled S/D Due to Annual maintenance	
09:08	13:37 Kishoreganj 132/33kV S/S Tr-3 (424T) LT Scheduled S/D Due to Annual maintenance	
09:10	16:11 Satmasjid 132/33kV S/S 132/33 KV Transformer-1 LT Scheduled S/D Due to Annual Maintenance	
09:12	12:55 Shahjibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to Annual Maintenance .	
09:14	16:02 Satmasjid 132/33kV S/S 132/33 KV Transformer-1 HT Scheduled S/D Due to Annual Maintenance	
09:17	16:16 Kallyanpur 132/33kV S/S Reserve bus Scheduled S/D Due to Annual Maintenance.	
09:18	16:29 Mymensingh RPCL-Tangail 132kV Ckt-2 Scheduled S/D from Muktagacha 132/33kV end. and from Ghatail 132/33kV end Due to Annual maintenance	
09:21	16:09 Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-1 Scheduled S/D Due to Annual Maintenance	
09:31	Kushlia 132/33kV S/S T2 LT Project Work S/D	
09:32	Kushlia 132/33kV S/S T2 HT Project Work S/D	
09:37	12:45 BIPTC S/S 20DF13 Scheduled S/D Due to Annual maintenance	
09:38	20:16 Bhulta-Ghorasal 230 kV Ckt-1 Scheduled S/D from Bhulta 400/230kV end Due to By direction of NLDC	
09:38	17:07 Rahanpur 132/33kV S/S Rahanpur-1 Scheduled S/D Due to Annual maintenance.	
09:42	20:17 Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end Due to By direction of NLDC	
09:48	16:23 Kodda 132/33kV S/S Tr-4 (436T) LT Scheduled S/D Due to A/M	
09:48	16:21 Kodda 132/33kV S/S Tr-4 (436T) HT Scheduled S/D Due to A/M	
10:03	16:45 Barapukuria-Bogura 230 kV Ckt-1 Scheduled S/D from Barapukuria 230/132/33kV end Due to Annual maintenance work and from Bogura 400/230kV end Due to Annual Maintenance	
10:07	11:03 Kallyanpur 132/33kV S/S GT-2 (132kV) HT Scheduled S/D Due to Due to low sf6 gas pressure	
10:18	12:08 AKSML-Baroaulia 132kV Ckt-1 Forced S/D from Baroaulia 132/33kV end Due to Redhot maintenance at AKSPL S/S	
10:48	Mirsorai 230/33kV S/S TR-2, 728T HT Forced S/D Due to force Shutdown	
10:58	Meghnaghat 450 MW CCPP (MPL) Shutdown with remarks:- GT2	
10:59	11:13 BIPTC S/S 10CF14 Tripped showing 10CF14 relays.	
11:00	Meghnaghat 450 MW CCPP (MPL) Synchronized	
11:23	12:37 Bhaluka 132/33kV S/S 02. Transformer- 02 HT Scheduled S/D Due to Annual maintenance work at Bus 1.	
11:24	12:38 Bhaluka 132/33kV S/S 02. Transformer- 02 LT Scheduled S/D Due to Annual maintenance work at bus 1	
	11:27 Chandina 132/33kV S/S TR-3 HT is restored.	
	11:57 Chandina 132/33kV S/S TR-3 LT is restored.	
12:00	Day Peak Generation: 9968 MW.	
12:44	14:33 Sunamganj 132/33kV S/S Tr-1 HT Forced S/D Due to SAS Maintenance	
12:50	16:28 Sherpur 132/33kV S/S Transformer- 04 LT Scheduled S/D Due to Annual Maintenance	
12:50	16:28 Sherpur 132/33kV S/S Transformer- 04 HT Scheduled S/D Due to Annual Maintenance	
13:26	16:41 Kasba 132/33kV S/S 132kv Bus-1 Project Work S/D Due to NLDC and SCADA integration Work	



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

Date : 02-12-2025

13:52 Rajshahi 230/132/33kV S/S 132/33 kV T-02 (416T) HT is restored.

13:53 Rajshahi 230/132/33kV S/S 132/33 kV T-02 (416T) LT is restored.

15:01 16:41 Bhaluka 132/33kV S/S BR Powergen Ckt- 02 Scheduled S/D

15:14 Purboshadipur 230/132kV ATR-1 transformer was switched ON (with load) at 15:14 hrs. for the first time. Note that 132kV AIS to GIS bus connection was established using 132kV Saidpur-1 bay.

15:35 15:55 Bashundhara-Tongi 132 kV Ckt-2 Scheduled S/D from Tongi 230/132/33kV end.

15:35 15:55 Tongi 230/132/33kV S/S T-3 HT Scheduled S/D

15:35 15:55 Tongi 230/132/33kV S/S T-3 LT Scheduled S/D

15:38 16:56 Muradnagar 132/33kV S/S 132 kV Muradnagar- Kosba Ckt-02 Scheduled S/D Due to Project work

15:39 Mahasthangarh 132/33kV S/S 416T MTR 2 HT is restored.

15:41 Mahasthangarh 132/33kV S/S 416T MTR 2 LT is restored.

15:44 16:57 Kasba 132/33kV S/S Muradnagar-Kasba Ckt-2 Project Work S/D Due to NLDC and SCADA integration work

16:43 Cox'sbazar-Dohazari 132 kV Ckt-2 is restored.

16:54 Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) LT is restored.

16:54 Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT is restored.

17:16 Meghnaghat 450 MW CCPP (MPL) Synchronized with remarks:- GT-2

17:32 Hasnabad-Shyampur 230kV Ckt-1 is restored.

17:58 Goalpara- Khulna (C) 132kV Ckt-1 is restored.

18:00 Evening Peak Generation: 11217 MW.

18:41 Meghnaghat 450 MW CCPP (MPL) Shutdown with remarks:- GT1

18:42 Meghnaghat 450 MW CCPP (MPL) Synchronized with remarks:- GT-2(False)

18:42 Meghnaghat 450 MW CCPP (MPL) Synchronized with remarks:- GT-2

19:24 Purboshadipur 132kV GIS-AIS bay (132kV Saidpur-1 bay) was forced shutdown at 19:24 hrs. due to high temperature.

19:50 Aminbazar 400/230/132kV S/S 230/132kv Tr-02 HT is restored.

04:00 Minimum generation 7537 MW

06:22 Goalpara- Khulna (C) 132kV Ckt-1 Project Work S/D from Goalpara 132/33kV end. and from Khulna (C) end Due to Project work

07:08 Hasnabad 230/132kV S/S AUTO TR-2 LT Scheduled S/D Due to annual maintenance

07:08 Hasnabad 230/132kV S/S AUTO TR-2 HT Scheduled S/D Due to annual maintenance

07:09 Sylhet 132/33kV S/S T4 LT Scheduled S/D Due to yearly maintenance

07:09 Sylhet 132/33kV S/S T4 HT Scheduled S/D Due to yearly maintenance

07:11 Chhatak 132/33kV S/S T-2 LT Scheduled S/D Due to Annual Maintenance

07:11 Chhatak 132/33kV S/S T-2 HT Scheduled S/D Due to Annual Maintenance

07:14 Barishal 132/33kV S/S 132 kv Summit power Scheduled S/D Due to Annual Maintenance

07:15 Bhulta 400/230kV S/S ATR-01 HT Scheduled S/D Due to For Annual Maintenance Works

07:18 Chhatak 132/33kV S/S Bus A Scheduled S/D Due to Annual Maintenance

07:20 Barishal 132/33kV S/S 132 kv GTPS Scheduled S/D Due to Annual Maintenance

07:26 Dhaka University 132/33 kv T-2 was shut down due to A/M

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division