



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

Date : 28-12-2025

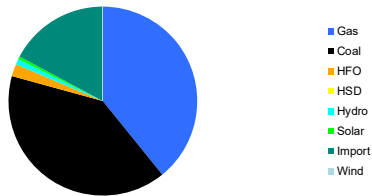
Power Supply Scenario

Day Peak Generation	10299.73	MW	12:00 Hr.	Energy Generated	225.47474	MKWHr.
Day Peak Demand	10299.73	MW	12:00 Hr.	Energy Unserviced	0.00000	MKWHr.
Evening Peak Generation	10845.23	MW	18:00 Hr.	Energy Demand	225.47474	MKWHr.
Evening Peak Demand	10845.23	MW	18:00 Hr.	Maximum Temperature	17.90	°C
Minimum Generation of the Day	7153	MW	05:00 Hr.	Total Gas Supplied	694.12	MMCFD
Maximum Generation of the Day	10845.23	MW	18:00 Hr.	Production Cost per KWHr	5.54436	Tk.

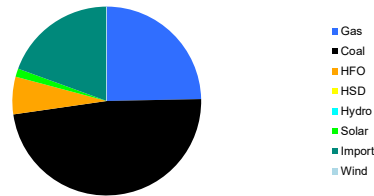
Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	24.29	0.00	2.76	0.00	0.00	0.03	0.00	0.00	27.08
Chattogram Zone	3.79	39.28	0.30	0.00	2.08	0.12	0.00	0.00	45.57
Cumilla Zone	19.39	0.00	0.29	0.00	0.00	0.20	2.01	0.00	21.88
Mymensingh Zone	1.20	0.00	1.20	0.00	0.00	0.13	0.00	0.00	2.53
Sylhet Zone	17.88	0.00	0.00	0.00	0.00	0.04	0.00	0.00	17.92
Khulna Zone	0.00	21.98	0.00	0.00	0.00	0.22	10.43	0.00	32.63
Barishal Zone	8.35	27.88	0.00	0.00	0.00	0.00	0.00	0.00	36.24
Rajshahi Zone	13.46	0.00	0.00	0.00	0.00	0.20	26.30	0.00	39.97
Rangpur Zone	0.00	1.23	0.23	0.00	0.00	0.18	0.00	0.00	1.65
<b>Total</b>	<b>88.36</b>	<b>90.38</b>	<b>4.78</b>	<b>0.00</b>	<b>2.08</b>	<b>1.14</b>	<b>38.74</b>	<b>0.00</b>	<b>225.47</b>

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	308288177.9	Hydro	207724
Coal	600824736	Solar	17367957.47
HFO	80337758.7	Import	243086339.2
HSD	0	Wind	0
<b>Total:</b>	<b>125,01,12,693</b>	<b>Tk.</b>	

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	10.432727	Peak Hr Flow	444.00 MW at 18:00 hrs.
Energy Flow from West to East:	KWHr:	36168709.1	Import through Adani C/B Interconnector:	MKWHr:	26.299161	Peak Hr Flow	1384.87 MW at 18:00 hrs.
Power during Peak Demand (W-E):	MW:	2015	Import through Cumilla C/B Interconnector:	MKWHr:	2.00736	Peak Hr Flow	98.00 MW at 18:00 hrs.
Maximum Power Flow (W-E):	MW:	2151	Total Import through C/B Interconnector:	MKWHr:	38.739248	Peak Hr Flow	1926.87 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	4014
Chattogram	0	1069
Cumilla	0	913
Mymensingh	0	850
Sylhet	0	394
Khulna	0	1274
Barishal	0	311
Rajshahi	0	955
Rangpur	0	762
<b>Total</b>	<b>0</b>	<b>10542</b>

Status of unavailable Power Plant

Planned S/D			Forced S/D		
SI	Plant Name	Capacity	SI	Plant Name	Capacity
1	Rangpur 20 MW GTPP	20	1	Bheramara 410 MW CCPP GT	278
2	Baghabari 100 MW GTPP	100	2	Bheramara 410 MW CCPP ST	132
3	Barapukuria TPP Unit-2	85			
4	Siddhirgonj 210 MW TPP	115			
<b>Total</b>			<b>Total</b>		
<b>320</b>			<b>410</b>		
<b>Total Unavailable Capacity</b>			<b>730</b>		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:00	17:03	Kachua 230/132/33kV S/S TR-2 HT Scheduled S/D Due to for annual maintenance.	
08:00	17:05	Kachua 230/132/33kV S/S TR-2 LT Scheduled S/D Due to for annual maintenance.	
08:25	17:24	Gulsan-Rampura 132kV Ckt-1 Scheduled S/D from Rampura 230/132kV end Due to Annual Maintenance and from Gulshan 132/33kV end Due to Annual Maintenance	
08:26	21:26	Gopalganj 400/132kV S/S 400kV Amtoli Ckt-1 Scheduled S/D Due to Annual Maintenance	
08:34	16:05	Bakulia 132/33kV S/S Bus-A Scheduled S/D Due to Annual Maintenance.	



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08:37	18:20	Aminbazar-Kaliakoir 230kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Disc cleaning
08:37	15:49	Juldah-Sikalbaha 132kV Ckt-1 Scheduled S/D from Juldah 132/33kV end Due to Annual maintenance
08:41	18:10	Baghabari-Sirajganj 230 kV Ckt-1 Scheduled S/D from Sirajganj 230 end Due to Annual maintenance. and from Baghabari 230/132kVend.
08:41	17:15	Brahmanbaria-Shahjibazar 132 kV Ckt-1 Scheduled S/D from Shahjibazar 132/33kV end Due to Annual Maintenance and from Brahmanbaria 132/33kV end Due to Annual Maintenance
08:47	16:47	Mogbazar 132/33kV S/S GT-2 LT Scheduled S/D
08:49	16:45	Mogbazar 132/33kV S/S GT-2 HT Scheduled S/D
08:49	19:56	BIPTC S/S 230kV Bus-1 Scheduled S/D Due to For Annual Maintenance
08:58		Aminbazar-Meghnaghat 400kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Annual Maintenance and from Meghnaghat 400/230kV end Due to Aminbazar ckt- 1 shutdown instructed by NLDC.
09:09	17:18	Aminbazar-Mirpur 132kV Ckt-2 Scheduled S/D from Mirpur 132/33kV end Due to Annual maintenance work.
09:10	15:36	Madunaghat 400/230kV S/S Madunaghat-Meghnaghat 400kV Ckt.-1 Scheduled S/D Due to Annual Maintenance
09:28	14:34	Ramganj 132/33kV S/S Ramganj- Desh Energy Ckt-01 Scheduled S/D Due to Deadline checking
09:32	10:04	Chapai 132/33kV S/S T-2 (415T) HT Project Work S/D Due to CB Change
09:32	16:32	Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end.
09:34	18:00	Kabirpur-Kaliakoir 132kV Ckt-2 Scheduled S/D from Kabirpur 132/33kV end Due to Annual Maintenance (Deadline Checking) and from Kaliakoir 400/230/132kVend.
09:37	16:27	Jamalpur United(20MW)-Sherpur 132kV Ckt-1 Scheduled S/D from Sherpur 132/33kV end Due to Annual Maintenances
09:41	16:28	Madunaghat 400/230kV S/S Madunaghat-Shikalbaha 230kV Ckt.-2 Scheduled S/D
09:42	17:24	Mymensingh RPCL-Tangail 132kV Ckt-1 Scheduled S/D from Muktagacha 132/33kV end Due to RHD piling work
09:44	14:50	Goalpara- Khulina (C) 132kV Ckt-2 Scheduled S/D from Goalpara 132/33kV end Due to Annual Maintenance and from Khulina (C) end Due to for annual maintenance
09:47	16:44	Jamalpur United (20MW)-Jamalpur 132kV Ckt-1 Scheduled S/D from Jamalpur 132/33kV end Due to Annual maintenance work
09:54	14:25	Bogura-Mahasthangar (New)) 132 kV Ckt-1 Scheduled S/D from Mahasthangarh 132/33kV end Due to Due to Annual Maintenance Work and from Bogura 132/33kV end Due to Annual Maintenance
09:55		Bagerhat 132/33kV S/S 132 kV BUS is restored.
09:55		Bagerhat-Goalpara 132 kV Ckt-1 is restored.
09:56		Bagerhat 132/33kV S/S Transformer-1 (403T) HT is restored.
09:57		Bagerhat 132/33kV S/S Transformer-1 (403T) LT is restored.
09:57		Bagerhat-Labanchura 132 kV Ckt-2 is restored.
10:01		Bagerhat-Mongla 132 kV Ckt-1 is restored.
10:01		Mongla 132/33kV S/S T-1 HT is restored.
10:01		Mongla 132/33kV S/S T-1 LT is restored.
10:01	14:42	Tongi 230/132/33kV S/S Tongi-Uttara Ckt Scheduled S/D Due to Shutdown taken by Uttara End via NLDC.
10:01	18:20	HVDC Bheramera- Ishwardi 230kV Ckt-3 Scheduled S/D from BIPTC end Due to Taken from Ishwardi End and from Ishurdi 230/132kV end Due to annual maintenance at ishwardi grid ss
10:02		Bagerhat 132/33kV S/S Transformer-2 (413 T) HT is restored.
10:03		Bagerhat 132/33kV S/S Transformer-2 (413 T) LT is restored.
10:03		Mongla 132/33kV S/S 100MW ERBL Solar PS is restored.
10:03	16:15	Chandina-Cumilla(N) 132 kV Ckt-1 Project Work S/D from Chandina 132/33kV end Due to NLDC and SCADA Integration work
10:10	17:20	Shahjibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to Annual Maintenance
10:11	17:25	Shahjibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to Annual Maintenance
10:18	16:48	Mymensingh RPCL-Tangail 132kV Ckt-1 Scheduled S/D from Ghatail 132/33kV end Due to



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Annual Maintenance work

- 10:19 16:48 Tangail 132/33kV S/S RPCL-1 Scheduled S/D Due to Annual Maintenance.
- 10:38 400/230kV Ahunganj (north) interbus Transformer-1 tripped at 10:38 hrs, showing differential relay.
- 11:05 17:19 Bhaluka 132/33kV S/S 01. Transformer- 01 LT Scheduled S/D Due to Annual maintenance.
- 11:05 17:18 Bhaluka 132/33kV S/S 01. Transformer- 01 HT Scheduled S/D Due to Annual Maintenance
- 11:06 Bagerhat-Mongla 132 kV Ckt-2 is restored.
- 11:19 16:15 Chandina 132/33kV S/S 132 KV BUS-2 Project Work S/D Due to NLDC & SCADA Integration work
- 11:43 19:06 BIPTC S/S 20DF21 Scheduled S/D Due to Corrective Maintenance
- 12:00 Day Peak Generation: 10297 MW.
- 12:13 Sirajganj 225 MW CAPP Unit-1 ST was sync.
- 12:13 Sirajganj 225MW CAPP Unit-1 Synchronized with remarks:- ST
- 12:36 Barapukuria---Purbo Sadipur 230 KV CKT-2 S/D
- 12:59 Magura 132/33kV S/S T-3 (425T) HT is restored.
- 13:03 15:52 Bakulia-Khulshi 132 kV Ckt-1 Scheduled S/D from Khulshi 132/33kV end.
- 13:52 Barapukuria P/S- Purbosadipur 230 kV ckt-2 was switched ON at 13:52 hrs, for the first time in loaded condition.
- 13:52 Barapukuria---Purbo Sadipur 230 KV CKT-2 Syn [First time Load shearing]
- 14:38 Faridpur 132/33kV S/S 132 KV Rajbari ckt-1 is restored.
- 14:39 Rajbari 132/33kV S/S Faridpur -1 is restored.
- 16:09 Hasnabad 230/132kV S/S AUTO TR-1 LT is restored.
- 16:13 Hasnabad 230/132kV S/S AUTO TR-1 HT is restored.
- 17:27 Khulna (C) S/S TR-1 425T HT is restored.
- 17:28 Khulna (C) S/S TR-1 425T LT is restored.
- 17:46 Rangpur-Rangpur Confidence(100MW) 132kV Ckt-2 is restored.
- 18:00 Evening peak generation: 10845 MW
- 18:02 Mongla 132/33kV S/S T-2 LT is restored.
- 18:02 Ghorasal-Tongi 230kV Ckt-2 is restored.
- 18:02 Mongla 132/33kV S/S T-2 HT is restored.
- 18:33 Bibiyana-Fenchuganj 230 kV Ckt-1 is restored.
- 04:05 Ashuganj CAPP 225 MW Synchronized with remarks:- ST
- 05:00 Minimum Generation: 7259 MW.
- 07:25 Rangpur-Rangpur Confidence(100MW) 132kV Ckt-2 Project Work S/D from Rangpur 132/33kV end.
- 07:29 Hasnabad 230/132kV S/S AUTO TR-1 HT Scheduled S/D Due to Annual maintenance
- 07:29 Hasnabad 230/132kV S/S AUTO TR-1 LT Scheduled S/D Due to Annual maintenance

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division