



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

Date : 04-01-2026

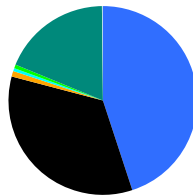
Power Supply Scenario

Day Peak Generation	10067.54	MW	09:00 Hr.	Energy Generated	225.32742	MKWHr.
Day Peak Demand	10067.54	MW	09:00 Hr.	Energy Unservd	0.00000	MKWHr.
Evening Peak Generation	11000.55	MW	19:00 Hr.	Energy Demand	225.32742	MKWHr.
Evening Peak Demand	11000.55	MW	19:00 Hr.	Maximum Temperature	19.70	°C
Minimum Generation of the Day	6985.13	MW	05:00 Hr.	Total Gas Supplied	744.00	MMCFD
Maximum Generation of the Day	11000.55	MW	19:00 Hr.	Production Cost per KWHR	5.23385	Tk.

Zone-wise Generation Summary (MKWHr.)

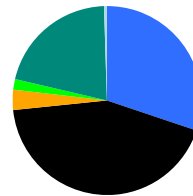
	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	24.69	0.00	0.85	0.00	0.00	0.04	0.00	0.00	25.58
Chattogram Zone	4.12	37.80	0.09	0.00	1.10	0.12	0.00	0.42	43.65
Cumilla Zone	22.64	0.00	0.00	0.00	0.00	0.39	2.34	0.00	25.36
Mymensingh Zone	3.51	0.00	1.18	0.00	0.00	0.06	0.00	0.00	4.75
Sylhet Zone	18.71	0.00	0.00	0.00	0.00	0.05	0.00	0.00	18.76
Khulna Zone	6.78	19.30	0.00	0.00	0.00	0.35	18.22	0.00	44.65
Barishal Zone	7.82	19.88	0.00	0.00	0.00	0.00	0.00	0.00	27.70
Rajshahi Zone	13.02	0.00	0.00	0.00	0.00	0.35	21.33	0.00	34.70
Rangpur Zone	0.00	0.00	0.03	0.00	0.00	0.14	0.00	0.00	0.17
Total	101.29	76.98	2.15	0.00	1.10	1.50	41.89	0.42	225.33

Fuel-Wise Generation Summary



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

Cost-Wise Generation Summary



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

Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	355442718.6	Hydro	110088
Coal	509743258.7	Solar	21486168.08
HFO	40867714.06	Import	245486671.3
HSD	0	Wind	6192321.6
Total:	117,93,28,940	Tk.	

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	18.216727	Peak Hr Flow	2.00 MW at 19:00 h
Energy Flow from West to East:	KWHr:	32337654.56	Import through Adani C/B Interconnector:	MKWHr:	21.333283	Peak Hr Flow	20.05 MW at 19:00 h
Flow during Peak Demand (W-E):	MW:	1834	Import through Cumilla C/B Interconnector:	MKWHr:	2.3376	Peak Hr Flow	6.00 MW at 19:00 h
Maximum Power Flow (W-E):	MW:	1928	Total Import through C/B Interconnector:	MKWHr:	41.88761	Peak Hr Flow	18.05 MW at 19:00 h

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

Zone	Load-Shed	Demand
Dhaka	0	3890
Chattogram	0	1100
Cumilla	0	927
Mymensingh	0	864
Sylhet	0	391
Khulna	0	1280
Barishal	0	320
Rajshahi	0	1009
Rangpur	0	713
Total	0	10494

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
08:02	12:02	Rajbari 132/33kV S/S Transformer-3 LT Tripped showing 86.1 and 86.2 Relay operated. relays Due to 33 kV Sajjankanda wz feeder fault. The trip occurred by Earth and Over current fault of Sajjankanda feeder.	4.0MW load interrupt.
08:23	18:23	Jhenaidah-Khulna 230kV Ckt-1 Scheduled S/D from Khulna(S) 230/132kV end Due to Yearly Maintenance Work. and from Jhenaidah 230/132kV end Due to annual maintenance	
08:30		Coxsazar 132/33kV S/S 415T-T2 HT Project Work S/D Due to Project Work	
08:31	14:03	Fenchuganj 230/132/33kV S/S AT-02 HT Scheduled S/D Due to Annual maintenance	



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08:31	14:03	Fenchuganj 230/132/33kV S/S AT-02 LT Scheduled S/D Due to Annual maintenance	
08:33	16:55	Siddhirganj 132/33kV S/S 132kV MTR 1 Scheduled S/D Due to Annual Maintenance	
08:36	16:53	Siddhirganj 230/132kV S/S MTR 1 HT Scheduled S/D Due to Annual Maintenance	
08:36	16:53	Siddhirganj 230/132kV S/S MTR 1 HT Scheduled S/D Due to Annual Maintenance	
08:38	17:22	Barapukuria-Rangpur 132 kV Ckt-1 Project Work S/D from Rangpur 132/33kV end Due to None Re-Conductor ing work and from Barapukuria 230/132/33kV end Due to Project work.	
08:40	17:03	Gopalganj 400/132kV S/S 400kV Amtoli Ckt-2 Scheduled S/D	
08:43	16:29	Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-1 Scheduled S/D Due to Annual Maintenance	
08:43	16:29	Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-2 Scheduled S/D Due to Annual Maintenance	
08:46	10:32	Khulna (C) S/S Tr-3 405T LT Scheduled S/D Due to Oil Leakage Maintenance.	
08:47	10:31	Khulna (C) S/S Tr-3 405T HT Scheduled S/D Due to Oil Leakage Maintenance.	
08:47	15:46	Brahmanbaria-Shahjibazar 132 kV Ckt-2 Scheduled S/D from Shahjibazar 132/33kV end Due to Annual Maintenance. and from Brahmanbaria 132/33kVend.	
08:55	15:43	Chowmuhani-Feni 132 kV Ckt-1 Scheduled S/D from Daganbhuiyan 132/33kV end Due to Deadline check and from Feni 230/132kV end Due to Annual Deadline checking 2025_2026	
08:59		Bogura-Sirajganj 230 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Annual Maintenance Work.	
09:00		Day Peak Generation is 10065 MW.	
09:02	18:50	Sylhet 132/33kV S/S Sylhet-90MW P/S Scheduled S/D Due to SD by GIS Project SAE Zlarul Islam	
09:04	15:18	Satkhira 132/33kV S/S Transformer-1 (T-1) HT Scheduled S/D Due to Annual maintenance work	
09:04	15:18	Satkhira 132/33kV S/S Transformer-1 (T-1) LT Scheduled S/D Due to Annual maintenance work	5.0MW load interrupt.
09:08	14:48	Bogura 132/33kV S/S Transformer-4 LT Scheduled S/D Due to annual maintenance work	
09:08	14:48	Bogura 132/33kV S/S Transformer-4 HT Scheduled S/D Due to annual maintenance work	
09:09		Mirpur 132/33kV S/S T2 LT Scheduled S/D Due to HT Bushing Terminal replacement.	
09:11		Mirpur 132/33kV S/S T2 HT Scheduled S/D Due to HT Bushing Terminal Replacemint work.	
09:14	17:07	Tangail 132/33kV S/S Kaliakair-1 Scheduled S/D Due to Annual Maintenance	
09:15	16:04	Ishurdi 230/132kV S/S 230/132 kV T-01 LT Scheduled S/D Due to R phase red work	
09:15	16:01	Dhamrai 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual Maintenance	
09:15	16:02	Dhamrai 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Annual Maintenance	
09:16	16:04	Ishurdi 230/132kV S/S 230/132 kV T-01 HT Scheduled S/D Due to r phase red hot work	
09:16	16:01	Jamalpur United(20MW)-Sherpur 132kV Ckt-1 Scheduled S/D from Sherpur 132/33kV end Due to Annual maintenance.	
09:17	16:18	Rajshahi 230/132/33kV S/S 230 Kv BIPTC Ckt-01 Scheduled S/D Due to A/M	
09:22	17:12	Bhaluka-Mymensingh 132 kV Ckt-1 Scheduled S/D from Bhaluka 132/33kV end Due to Annual maintenance work.	
09:23	16:42	Kabirpur 132/33kV S/S XFR, T-1 HT Scheduled S/D Due to Annual Maintenance Work	25.0MW load interrupt.
09:26	16:45	Kallyanpur-Lalbag 132kV Ckt-2 Scheduled S/D from Kallyanpur 132/33kV end Due to dead line check	
09:29	16:17	HVDC Bheramera- Rajshahi 230kV Ckt-1 Scheduled S/D from BIPTC end Due to Shutdown has been taken from Rajshahi end.	
09:35	16:30	Dhamrai-Kaliakoir 132 kV Ckt-1 Scheduled S/D from Dhamrai 132/33kV end Due to Annual Maintenance	
09:46	14:23	Aminbazar-Airport(Old) 230kV Ckt-2 Scheduled S/D from Agargaon 230/132kV end Due to Relay testing	
09:47	16:18	Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to Annual Maintenance	12.0MW load interrupt. Dohazari 132/33kV end
09:52	18:34	Kodda-Rajendrapur 132kV Ckt-1 Scheduled S/D from Kodda 132/33kV end.	



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10:02	15:36	Ruppur 132/11kV S/S TR-01 HT Scheduled S/D	
10:04	12:55	Kabirpur 132/33kV S/S XFR, T-3 HT Scheduled S/D Due to 33 kV Section DS Maintenance Work by Dhaka PBS-01.	48.0MW load interrup.
10:11	16:59	Beanibazar 132/33kV S/S 132 KV Transformer TR-01 LT Scheduled S/D Due to Annual Maintenance	
10:12	16:58	Beanibazar 132/33kV S/S 132 KV Transformer TR-01 HT Scheduled S/D Due to Annual Maintenance	
10:29	16:11	Bhaluka 132/33kV S/S Bus A Scheduled S/D Due to Annual maintenance	
10:33	12:57	Khulna (C) S/S Tr-2 415 T LT Scheduled S/D Due to Oil Leakage Maintenance.	
10:34	12:56	Khulna (C) S/S Tr-2 415 T HT Scheduled S/D Due to Oil Leakage Maintenance.	
10:42	12:04	Kalurghat 132/33kV S/S TRFO-01(506T) LT Forced S/D Due to To Remove oil tank from beside the transformer	
10:43	17:24	Ghorashal 230kV S/S TARFO-2 LT Forced S/D Due to Transformer-02 S/D need for 33kV side CT,CB,Red hot and system grounding maintenance work.	60.0MW load interrup.
10:44	17:45	Ghorashal 230kV S/S TARFO-2 HT Forced S/D Due to Transformer-02 S/D need for 33kV side CT,CB,Red hot and system grounding maintenance work.	60.0MW load interrup.
10:45	15:46	Goalpara- Khulna (C) 132kV Ckt-1 Scheduled S/D from Goalpara 132/33kV end Due to Annual Maintenance Work.	
10:47	16:04	Bhaluka 132/33kV S/S Sreepur Ckt- 01 Scheduled S/D Due to Annual maintenance	15.0MW load interrup.
10:51	16:02	Sreepur 230/132/33kV S/S Sreepur-Valuka Ckt-1 Scheduled S/D Due to annual Maintenance	
10:58	17:02	Tongi 230/132/33kV S/S 132 kV Bus-1 Scheduled S/D Due to Annual maintenance work	
11:23	15:20	Maniknagar 132/33kV S/S Kazla Ckt -1 Scheduled S/D Due to Annual Maintenance work	
	12:18	BIPTC S/S 10CF16 is restored.	
13:06		EPVTL-Purbo Sadipur (GIS) 132 KV CKT-2 Syn .	
14:40	16:17	Aminbazar-Airport(Old) 230kV Ckt-1 Scheduled S/D from Agargaon 230/132kV end Due to Relay testing	
14:42	16:21	Coxsbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Coxsbazar 132/33kV end Due to Annual Maintenance of Doh-Cox Ckt-1 Dohajari site.	
	17:15	Gopalganj 400/132kV S/S 400kV Aminbazar Ckt-1 is restored.	
	17:16	Aminbazar 400/230/132kV S/S Gopalganj-1 is restored.	
	18:54	Ghorasal-Joydeb-B 132kV Ckt-2 is restored.	
22:58		Rampal 1320 MW (BIFPCL) Tripped with remarks:- U2	
22:58		Rampal 1320 MW (BIFPCL) unit-2 tripped .	
23:00		Rampal 1320 MW (BIFPCL) Synchronized	
01:48		Bheramara 410 MW CAPP, FGMO is OFF with remarks:- FGMO Off @ 01:46 hrs as per NLDC demand	
05:00		Minimum Generation: 7203 MW.	
07:05		Bheramara 410 MW CAPP, FGMO is ON with remarks:-	
07:11		Ghorasal-Joydeb-B 132kV Ckt-2 Scheduled S/D from Joydebpur 132/33kV end Due to OPGW Wire stringing	
07:51		Bibiyana-Fenchuganj 230 kV Ckt-1 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Deadline checking.	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division