



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

Date : 05-05-2026

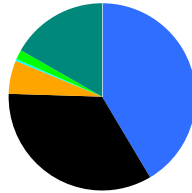
Power Supply Scenario

Day Peak Generation	13289.02	MW	12:00 Hr.	Energy Generated	298.69782	MKWHr.
Day Peak Demand	13289.02	MW	12:00 Hr.	Energy Unserved	0.60300	MKWHr.
Evening Peak Generation	14490.35	MW	19:30 Hr.	Energy Demand	299.30082	MKWHr.
Evening Peak Demand	14620.35	MW	19:30 Hr.	Maximum Temperature	33.30	°C
Minimum Generation of the Day	9920.3	MW	05:00 Hr.	Total Gas Supplied	915.41	MMCFD
Maximum Generation of the Day	14490.35	MW	19:30 Hr.	Production Cost per KWHr	5.87843	Tk.

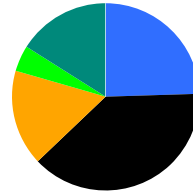
Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	33.96	0.00	8.98	0.00	0.00	0.21	0.00	0.00	43.15
Chattogram Zone	5.48	45.25	1.81	0.00	0.98	0.09	0.00	0.01	53.63
Cumilla Zone	28.96	0.00	2.95	0.00	0.00	0.41	3.00	0.00	35.31
Mymensingh Zone	0.38	0.00	1.66	0.00	0.00	0.34	0.00	0.00	2.38
Sylhet Zone	27.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.40
Khulna Zone	5.87	22.41	0.00	0.00	0.00	0.53	22.45	0.00	51.27
Barishal Zone	8.20	34.09	0.00	0.00	0.00	0.00	0.00	0.00	42.30
Rajshahi Zone	13.53	0.00	0.02	0.00	0.00	1.60	24.52	0.00	39.67
Rangpur Zone	0.00	0.00	1.95	0.00	0.00	1.63	0.00	0.00	3.59
Total	123.72	101.76	17.35	0.00	0.98	4.90	49.97	0.01	298.70

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	429635398.7	Hydro	98040
Coal	675432695.2	Solar	79224204.83
HFO	290380997.8	Import	280913453.3
HSD	0	Wind	190641.6
Total:	175,58,75,431		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	22.453818	Peak Hr Flow	932.00 MW at 19:30 hrs.
Energy Flow from West to East:	KWHr:	38215600	Import through Adani C/B Interconnector:	MKWHr:	24.521521	Peak Hr Flow	1330.35 MW at 19:30 hrs.
Power during Peak Demand (W-E):	MW:	1734	Import through Cumilla C/B Interconnector:	MKWHr:	2.9952	Peak Hr Flow	126.00 MW at 19:30 hrs.
Maximum Power Flow (W-E):	MW:	2559	Total Import through C/B Interconnector:	MKWHr:	49.970539	Peak Hr Flow	2388.35 MW at 19:30 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:30 Hr.)

Zone	Load-Shed	Demand
Dhaka	15	5118
Chattogram	0	1497
Cumilla	0	1187
Mymensingh	109	1143
Sylhet	0	565
Khulna	0	1774
Barishal	0	437
Rajshahi	0	1446
Rangpur	0	950
Total	124	14117

Status of unavailable Power Plant

Planned S/D			Forced S/D		
SI	Plant Name	Capacity	SI	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
08:14	18:38	Barishal-Barishal(N) 132 kV Ckt-1 Scheduled S/D from Barishal 132/33kV end Due to OPGW Upgradation Work of OFCN and from Barishal 230/132kV end Due to OPGW Replace	
	08:15	Saidpur 132/33kV S/S TR-3 (424T) LT is restored.	
	08:15	Saidpur 132/33kV S/S TR-3 (424T) HT is restored.	
	08:44	Sirajganj 132/33kV S/S T2-(425) HT is restored.	



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08:45	Sirajganj 132/33kV S/S T2-(425) LT is restored.	
09:38	Cumilla(S) 132/33kV S/S TR-2 HT is restored.	
09:38	Cumilla(S) 132/33kV S/S TR-2 LT is restored.	
10:31	11:02 Rajshahi-Rajshahi(New) 132kV Ckt-1 Forced S/D from Rajshahi 132/33kV end Due to The Work Of Remove a Kite	
12:00	Day peak generation 13346 MW	
12:02	Bogura 400/230kV S/S 400 KV Reactor (125 MVAR) Forced S/D Due to Instructed by ALDC	
13:03	15:10 Chandina 132/33kV S/S TR-2 LT Forced S/D Due to For Rectification of Red Hot Issue at 33kV Bus DS.	
13:04	15:10 Chandina 132/33kV S/S TR-2 HT Forced S/D Due to For Rectification of Red Hot Issue at 33kV Bus DS.	
13:05	Full interruption occurred under entire Rangpur zone (Except Palashbari) due to tripping of Barapukuria-Bogura 230 kV ckt-2 showing distance relay and Palashbari-Mithapukur 132 kV both ckt showing overcurrent relay. Barapukuria-Bogura 230 kV ckt-1 was in shutdown condition.	
13:06	13:18 Mithapukur-Palashbari 132kV Ckt-2 Tripped from Mithapukur 132/33kV end showing 21M2, 86A, 86B relays Due to None	34.0MW load interrup.
13:07	13:57 Barapukuria-Bogura 230 kV Ckt-2 Tripped from Barapukuria 230/132/33kV end showing REL 521, REL 511 relays.	333.0MW load interrup.
13:08	13:19 Mithapukur-Palashbari 132kV Ckt-1 Tripped from Palashbari 132/33kV end showing Over Current. relays Due to Unknown.	
13:18	Power restoration was started by closing Palashbari-Mithapukur both ckt.	
	14:42 Barapukuria-Bogura 230 kV Ckt-1 is restored.	
15:45	Sirajgonj 225MW CAPP Unit-1 Synchronized with remarks:- GT	
16:50	17:28 Chandina 132/33kV S/S TR-3 HT Forced S/D Due to For rectification of red hot.	5.0MW load interrup.
16:50	17:29 Chandina 132/33kV S/S TR-3 LT Forced S/D Due to For rectification of Red hot .	4.0MW load interrup.
17:28	18:12 Niamatpur 132/33kV S/S 132 kV Naogaon ckt-2 Project Work S/D Due to Project work	
18:33	Sirajgonj 225MW CAPP Unit-1 Synchronized with remarks:- ST	
19:30	Evening Peak Generation is 14490 MW.	
	20:37 Goalpara 132/33kV S/S Bus 1 is restored.	
	20:46 Goalpara 132/33kV S/S Goalpara-NWPGCL is restored.	
23:22	00:58 Chowmuhani 230/132/33kV S/S TR2-425T HT Forced S/D Due to 33 kV BUS Jumper R phase & Y Phase red-hot Maintenance.	30.0MW load interrup.
23:22	00:58 Chowmuhani 230/132/33kV S/S TR2-425T LT Forced S/D Due to 33 kV BUS Jumper R phase & Y Phase red-hot Maintenance.	30.0MW load interrup.
06:24	Cumilla(S) 132/33kV S/S TR-2 HT Scheduled S/D Due to Tr-01 replacing work by energypac.	
06:24	Cumilla(S) 132/33kV S/S TR-2 LT Scheduled S/D Due to Tr-01 replacing work by energypac.	
07:07	Khulna (C) S/S TR-1 425T HT Scheduled S/D Due to Hot spot Maintenance	12.0MW load interrup.
07:07	Khulna (C) S/S TR-1 425T LT Scheduled S/D Due to Hot spot Maintenance	12.0MW load interrup.
07:07	Khulna (C) S/S TR-1 425T LT Scheduled S/D Due to Hot spot Maintenance	12.0MW load interrup.
07:10	Mymensingh 132/33kV S/S Transformer-1 (404T) LT Scheduled S/D	
07:14	Mymensingh 132/33kV S/S Transformer-1 (404T) HT Scheduled S/D	
07:28	Mymensingh 132/33kV S/S T-1 Bus Scheduled S/D Due to 33kV Bhal -1 Feeder, Raiser Change on source side	
07:47	Barapukuria-Bogura 230 kV Ckt-1 Scheduled S/D from Bogura 400/230kV end Due to Due to Conductor stringing at Barapukuria site. and from Barapukuria 230/132/33kV end Due to Tower erection	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division