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

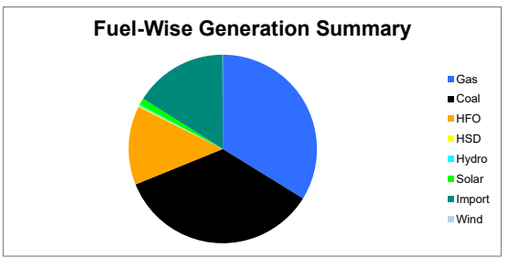
Date : 20-05-2026

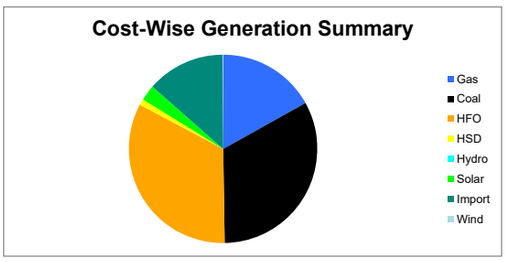
Power Supply Scenario

Day Peak Generation	15418.78	MW	12:00 Hr.	Energy Generated	372.23785	MKWHr.
Day Peak Demand	15733.78	MW	12:00 Hr.	Energy Unserverd	8.87600	MKWHr.
Evening Peak Generation	17200.79	MW	21:00 Hr.	Energy Demand	381.11385	MKWHr.
Evening Peak Demand	17610.79	MW	21:00 Hr.	Maximum Temperature	36.20	°C
Minimum Generation of the Day	13897.95	MW	08:00 Hr.	Total Gas Supplied	904.94	MMCFD
Maximum Generation of the Day	17200.79	MW	21:00 Hr.	Production Cost per KWHr	6.98710	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	34.27	0.00	18.49	0.00	0.00	0.20	0.00	0.00	52.96
Chattogram Zone	5.28	50.69	12.23	0.00	0.74	0.14	0.00	0.13	69.21
Cumilla Zone	30.71	0.00	6.35	0.00	0.00	0.41	3.80	0.00	41.28
Mymensingh Zone	0.00	0.00	2.49	0.00	0.00	0.24	0.00	0.00	2.73
Sylhet Zone	27.70	0.00	0.00	0.00	0.00	0.06	0.00	0.00	27.77
Khulna Zone	3.64	24.25	1.90	0.00	0.00	0.52	21.26	0.00	51.57
Barishal Zone	7.92	53.58	1.52	0.00	0.00	0.00	0.00	0.00	63.03
Rajshahi Zone	16.32	0.00	4.22	0.00	0.00	1.34	34.47	0.00	56.36
Rangpur Zone	0.00	1.93	3.08	0.85	0.00	1.48	0.00	0.00	7.34
Total	125.85	130.45	50.28	0.85	0.74	4.40	59.53	0.13	372.24





Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	440204728.2	Hydro	74420
Coal	853304762.4	Solar	71067598.54
HFO	858771515.1	Import	349133381.2
HSD	26380166.4	Wind	1927598.4
	Total:	260,08,64,170	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.261091	Peak Hr Flow	781.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	53617309.09	Import through Adani C/B Interconnector:	MKWHr:	34.473869	Peak Hr Flow	1448.43 MW at 21:00 hrs.
ow during Peak Demand (W-E):	MW:	2496	Import through Cumilla C/B Interconnector:	MKWHr:	3.79776	Peak Hr Flow	168.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	2661	Total Import through C/B Interconnector:	MKWHr:	59.53272	Peak Hr Flow	2397.43 MW at 21:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (21:00 Hr.)

Zone	Load-Shed	Demand
Dhaka	70	6283
Chattogram	0	1682
Cumilla	40	1661
Mymensingh	220	1214
Sylhet	0	678
Khulna	62	2120
Barishal	0	533
Rajshahi	0	1821
Rangpur	0	1137
Total	**392**	**17129**

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
	08:00	Shahjibazar 132/33kV S/S TR-04 HT is restored.	
	08:02	Shahjibazar 132/33kV S/S TR-04 LT is restored.	
	08:14	Bhaluka 132/33kV S/S 02. Transformer- 02 HT is restored.	
	08:15	Bhaluka 132/33kV S/S 02. Transformer- 02 LT is restored.	
	08:20	Rangpur 132/33kV S/S T-1(414T) HT is restored.	
08:21	08:55	Bhaluka 132/33kV S/S 03. Transformer-03 LT Scheduled S/D Due to High temp. maientence.	23.0MW load interrup.
	08:21	Rangpur 132/33kV S/S T-1(414T) LT is restored.	
08:22	08:54	Bhaluka 132/33kV S/S 03. Transformer-03 HT Scheduled S/D Due to High temperature maintenance.	
08:35	09:47	Faridpur 132/33kV S/S ATR-1 LT Scheduled S/D	
08:36	09:46	Faridpur 132/33kV S/S ATR-1 HT Scheduled S/D	
08:44	16:56	Gopalganj(N)-Madaripur 132kV Ckt-1 Scheduled S/D from Gopalganj 400/132kV end Due to None	
08:44	16:56	Gopalganj(N)-Madaripur 132kV Ckt-2 Scheduled S/D from Gopalganj 400/132kV end.	
	08:49	Barishal 230/132kV S/S T-5 HT is restored.	
	08:50	Barishal 230/132kV S/S T-5 LT is restored.	
	09:01	Narshingdi 132/33kV S/S T-2 HT is restored.	

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	09:03	Narshingdi 132/33kV S/S T-2 LT is restored.	
09:57	12:28	Ishwardi-Rooppur 132kV Ckt-2 Project Work S/D from Ishurdi 132/33kV end.	
10:21	16:45	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-1 Project Work S/D Due to Project work	
10:21	16:45	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-2 Project Work S/D Due to Project work	
10:35		230kV Bhola - Char Fasson- ckt 1 and 2 tripped.	
10:41	12:47	Chandraghona-Kaptai 132 kV Ckt-2 Forced S/D from Chandraghona 132/33kV end Due to Emergency ROW	
10:44	20:20	BSRM-Cumilla(N) 230 kV Ckt-1 Project Work S/D from Feni 230/132kV end Due to Witness of SAS and DFDR work	
10:45	20:10	Korerhat 400/230/132kV S/S Feni -1 Project Work S/D Due to For project work	
11:58	12:59	BIPTC S/S 10CF11 Forced S/D	
12:00		Day Peak Generation is 15415 MW.	
12:30	16:31	Ishwardi-Rooppur 132kV Ckt-1 Project Work S/D from Ishurdi 132/33kV end. and from Ruppur 132/11kV end Due to Project Work	
13:13	18:43	Aminbazar-Meghnaghat 400kV Ckt-2 Scheduled S/D from Meghnaghat 400/230kV end Due to Mainenance work at Munshiganj	
14:30	15:24	Shahjibazar 132/33kV S/S TR-02 HT Scheduled S/D	
14:30	15:26	Shahjibazar 132/33kV S/S TR-02 LT Scheduled S/D	30.0MW load interrup.
14:52	16:20	Chapainawabganj-Rahanpur 132kV Ckt-1 Tripped from Chapai 132/33kV end showing Protection relay relays Due to General trip	
15:55	16:10	Aminbazar-Kallyanpur 132kV Ckt-1 Tripped from Kallyanpur 132/33kV end showing Ph A fault87L optd87L com.fail relays.	
16:00	17:39	Chowmuhani-Feni 132 kV Ckt-2 Forced S/D from Daganbhuiyan 132/33kV end Due to Chowmuhani S/S project Work. and from Chowmuhani 230/132/33kV end Due to PT R Phase Secondary Ground.	
16:22	16:31	Barishal 132/33kV S/S T-2 (415T) LT Tripped showing O/C relays Due to 33 kv Dopdopia 1& Nolcity 33 feeder fault.	47.0MW load interrup.
16:40	17:55	Nabinagar 132/33kV S/S T-2 HT Project Work S/D Due to CT, PT sealing and metering	
16:40		Nabinagar 132/33kV S/S T-2 LT Project Work S/D Due to CT, PT sealing and metering	
	16:42	Sreepur 230/132/33kV S/S 132/33 kV T-1 HT is restored.	
	16:43	Sreepur 230/132/33kV S/S 132/33 kV T-1 LT is restored.	
	18:07	Chowmuhani 230/132/33kV S/S ATR-03 LT is restored.	
	18:07	Chowmuhani 230/132/33kV S/S ATR-03 HT is restored.	
21:00		Evening Peak Generation is 17200 MW.	
21:35		Rampal 1320 MW (BIFPCL) Shutdown with remarks:- U2	
21:36		Rampal 1320 MW (BIFPCL) Synchronized	
21:36		Rampal 1320 MW (BIFPCL) Synchronized	
21:41	00:03	Noapara 132/33kV S/S T-2 LT Scheduled S/D Due to Due to REB-1 Feeder Red Hot Maintenance by PBS	20.0MW load interrup.
21:42	00:02	Noapara 132/33kV S/S T-2 HT Scheduled S/D Due to Due to REB-1 Feeder Red Hot Maintenance by PBS	20.0MW load interrup.
21:47	23:56	Noapara 132/33kV S/S Bus Section-2 Scheduled S/D Due to Due to REB-1 Feeder Red Hot Maintenance by PBS	20.0MW load interrup.
00:14		Ashuganj 225 MW CCPP GT was sync.	
00:14		Ashuganj CCPP 225 MW Synchronized with remarks:- GT	
03:57		Ashuganj 225 MW CCPP ST was sync.	
03:57		Ashuganj CCPP 225 MW Synchronized with remarks:- ST	
06:08		Hasnabad 230/132kV S/S Bus-1 Scheduled S/D Due to High temperature maintenance at DS-801, DS-803	
06:18	07:26	Ghatail 132/33kV S/S T-2 LT Tripped showing REC650 relays Due to Birds flying	28.0MW load interrup.
06:18		Ghatail 132/33kV S/S T-1 LT Tripped showing REC650 relays Due to Birds flying	56.0MW load interrup.
07:00		Minimum Generation: 13972 MW.	
07:30		Ishurdi 132/33kV S/S 132/33 kV T-3 LT Scheduled S/D Due to 33kv busber maintenance work.	34.0MW load interrup.
07:31		Ishurdi 132/33kV S/S 132/33 kV T-3 HT Scheduled S/D Due to 33kv busber red hot maintenance work.	34.0MW load interrup.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division