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

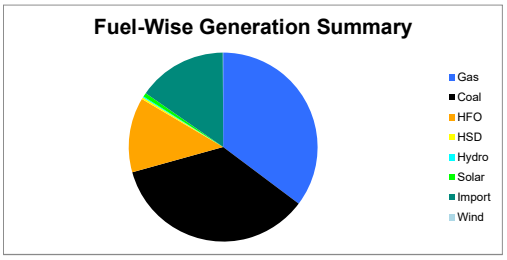
Date : 21-05-2026

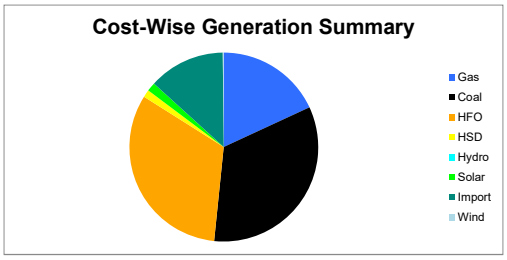
Power Supply Scenario

Day Peak Generation	13890.88	MW	12:00 Hr.	Energy Generated	361.03827	MKWHr.
Day Peak Demand	14341.88	MW	12:00 Hr.	Energy Unserverd	14.65200	MKWHr.
Evening Peak Generation	16531.26	MW	21:00 Hr.	Energy Demand	375.69027	MKWHr.
Evening Peak Demand	17235.26	MW	21:00 Hr.	Maximum Temperature	34.00	°C
Minimum Generation of the Day	13542.63	MW	11:00 Hr.	Total Gas Supplied	908.18	MMCFD
Maximum Generation of the Day	16531.26	MW	21:00 Hr.	Production Cost per KWHr	6.82068	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	34.81	0.00	13.64	0.00	0.00	0.10	0.00	0.00	48.56
Chattogram Zone	5.47	49.10	13.41	0.00	0.72	0.15	0.00	0.27	69.11
Cumilla Zone	29.46	0.00	7.11	0.00	0.00	0.35	3.72	0.00	40.64
Mymensingh Zone	0.00	0.00	2.28	0.00	0.00	0.08	0.00	0.00	2.36
Sylhet Zone	29.14	0.00	0.00	0.00	0.00	0.05	0.00	0.00	29.19
Khulna Zone	3.97	11.33	1.52	0.37	0.00	0.57	20.24	0.00	38.00
Barishal Zone	8.02	62.57	1.64	0.00	0.00	0.00	0.00	0.00	72.23
Rajshahi Zone	16.31	0.00	4.05	0.00	0.00	0.54	31.18	0.00	52.08
Rangpur Zone	0.00	5.09	2.49	0.79	0.00	0.50	0.00	0.00	8.87
Total	127.19	128.09	46.13	1.17	0.72	2.34	55.13	0.27	361.04





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	445448766.3	Hydro	72198
Coal	825252741.4	Solar	36808844.48
HFO	796942201.2	Import	322056172
HSD	31997195	Wind	3946987.2
	Total:	246,25,25,105	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	20.24	Peak Hr Flow	699.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	47224000	Import through Adani C/B Interconnector:	MKWHr:	31.1761	Peak Hr Flow	1324.90 MW at 21:00 hrs.
ow during Peak Demand (W-E):	MW:	2419	Import through Cumilla C/B Interconnector:	MKWHr:	3.7152	Peak Hr Flow	154.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	2857	Total Import through C/B Interconnector:	MKWHr:	55.1313	Peak Hr Flow	2177.90 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	136	6199
Chattogram	14	1603
Cumilla	106	1777
Mymensingh	304	1346
Sylhet	44	669
Khulna	70	2152
Barishal	0	539
Rajshahi	0	1591
Rangpur	0	837
Total	**674**	**16713**

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
	08:09	Hasnabad 230/132kV S/S Bus-1 is restored.	
08:15		Siddhirganj 132/33kV S/S T-2 LT Scheduled S/D Due to Shutdown taken by DPDC due to power cable shifting from AIS to GIS switchgear under PDSPD Project.	
08:15	10:28	Hasnabad 230/132kV S/S Bus-2 Scheduled S/D Due to high temp	1.0MW load interrup.
08:15	10:43	Mithapukur-Palashbari 132kV Ckt-2 Tripped from Palashbari 132/33kV end showing Distance Relay, Phase B relays Due to Tripped and from Mithapukur 132/33kV end showing 21 M1Y Phase , Zone -121M2Y Phase , Zone -1DIS/DIF Carrier ReceiveZCOM Trip relays Due to Bad Weather	

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

Date : 21-05-2026

08:15		Siddhirganj 132/33kV S/S T-2 HT Scheduled S/D Due to Shutdown taken by DPDC due to power cable shifting from AIS to GIS switchgear under PDSPD Project.	
08:52	11:32	Bajitpur 132/33kV S/S Tr-1(404T) HT Scheduled S/D Due to 132kV transformer LV side y-phase high temperature maintenance	
09:18	10:32	Bogura-Natore 132 kV Ckt-1 Tripped from Bogura 132/33kV end showing Relay tripPhase A TripPhase B TripZone -1 Trip relays. and from Natore 132/33kV end showing Dist. R, Dist. Y,General trip,Z-2,AR not radey,VT fail. relays.	
	09:38	Ishurdi 132/33kV S/S 132/33 kV T-3 HT is restored.	
	09:39	Ishurdi 132/33kV S/S 132/33 kV T-3 LT is restored.	
09:53	13:19	Panchagarh 132/33kV S/S T-1(407T) HT Scheduled S/D Due to Red Hot Maintenance on 33kV Bus Section 01	
09:53	13:20	Panchagarh 132/33kV S/S T-1(407T) LT Scheduled S/D Due to Bus Section-01 Red Hot Maintenance	
10:10		Rangpur 132/33kV S/S Rangpur-Teesta Solar-2 Forced S/D Due to Due to Thundering Breaker pole discrepancy as well as trip supervision relay 1&2 unhealthy.	
10:21	22:56	Baghabari-Roppur 230kV Ckt-1 Project Work S/D from Baghabari 230/132kV end Due to Telecommunication Work.	
10:40	18:27	Ishurdi-Pabna 132kV ckt Forced S/D from Pabna 132/33kV end. and from Ishurdi 132/33kVend.	
11:08	15:07	Ghatail 132/33kV S/S T-1 LT Forced S/D Due to Insulator disc replacement of 33kV bus section isolator/DS.	30.0MW load interrup.
11:09	15:06	Ghatail 132/33kV S/S T-1 HT Forced S/D Due to Insulator disc replacement of 33kV bus section isolator/DS.	30.0MW load interrup.
11:10	14:50	Ghatail 132/33kV S/S T-2 LT Forced S/D Due to Insulator disc replacement of 33kV bus section isolator/DS.	30.0MW load interrup.
11:11	14:49	Ghatail 132/33kV S/S T-2 HT Forced S/D Due to Insulator disc replacement of 33kV bus section isolator/DS.	30.0MW load interrup.
11:13	16:12	Nabinagar 132/33kV S/S T-2 HT Project Work S/D Due to 33kV Bus DS alignment	
11:30	12:32	Kodda 132/33kV S/S Tr-2 (416T) HT Scheduled S/D Due to Red hot maintenance	40.0MW load interrup.
11:30	12:33	Kodda 132/33kV S/S Tr-2 (416T) LT Scheduled S/D Due to Red hot maintenance	40.0MW load interrup.
11:40	12:48	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) HT Scheduled S/D Due to Oil Fill in Oil temp. Sensor	10.0MW load interrup.
11:40	12:50	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT Scheduled S/D Due to Oil Fill in Oil temp. Sensor	10.0MW load interrup.
11:40	20:19	BSRM-Cumilla(N) 230 kV Ckt-1 Project Work S/D from Feni 230/132kV end Due to SAS & DRDR work witnessing	
12:00		Day Peak Generation: 13888 MW.	
12:05	18:21	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-2 Scheduled S/D Due to Conductor Jumper Installing work	
12:05	18:21	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-1 Scheduled S/D Due to Conductor Jumper Installing work	
12:37		At Gopalganj South SS,T-3 transformer is S/D due to Phase angle change.	
12:50		At Gopalganj South SS,T-3 transformer S/D is withdrawn.	
14:12	16:20	Chapainawabganj-Rahanpur 132kV Ckt-1 Scheduled S/D from Chapai 132/33kV end Due to For breaking bird nest and from Rahanpur 400/132kV end Due to ALDC BOGURA taken S/D due to Maintenance work at chapainawabganj grid.	
15:04	16:12	Sreepur 230/132/33kV S/S 132 kV BUS-2 Scheduled S/D Due to Project work By PSDC	25.0MW load interrup.
	16:12	Nabinagar 132/33kV S/S T-2 LT is restored.	
16:14	17:54	Mahasthangarh 132/33kV S/S 416T MTR 2 LT Scheduled S/D Due to Pirob 33 kV Feeder Red hot Maintenance.	25.0MW load interrup.
16:16	17:54	Mahasthangarh 132/33kV S/S 416T MTR 2 HT Scheduled S/D Due to Pirob 33 kV Feeder Red hot Maintenance.	
16:23	17:19	Khulna (C) S/S TR-1 425T LT Scheduled S/D Due to 33 kv seromoni# 1 red hot maintenance	12.0MW load interrup.
16:23	17:18	Khulna (C) S/S TR-1 425T HT Scheduled S/D Due to 33 kv seromoni# 1 red hot maintenance	12.0MW load

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

Date : 21-05-2026

			interrup.
20:20	21:58	Rangpur 132/33kV S/S T-2 (404T) HT Forced S/D Due to 33kv bus coupler -2 connector red hot	75.0MW load interrup.
21:00		Evening Peak Generation is 16530 MW.	
21:14	21:37	Ishurdi-Pabna 132kV ckt Forced S/D from Pabna 132/33kV end Due to None	15.0MW load interrup. Pabna 132/33kV end
23:19		Maniknagar 132/33kV S/S Reserve Bus Scheduled S/D Due to 132kv Incomer 1 Reserve Bus DS hot Temperature point Maintenance work.	
00:18	01:21	Mymensingh 132/33kV S/S Transformer-2 (414T) HT Scheduled S/D Due to Shambuganj -1 Red hot 33 kV bus -2	74.0MW load interrup.
00:18	01:21	Mymensingh 132/33kV S/S Transformer-2 (414T) LT Scheduled S/D	74.0MW load interrup.
05:54		Meghnaghat-Shyampur 230kV Ckt-2 Scheduled S/D from Shyampur 230/132kV end Due to OPGW reparing work at 20-26 tower. and from Meghnaghat 400/230kV end Due to 230 kV Shyampur ckt- 02 shutdown instructed by NLDC.	
06:06		Patuakhali-Payra 132kV Ckt-2 Scheduled S/D from Patuakhali 132/33kV end Due to 400/132kV payra grid side high temperature	
06:06		Baroaulia 132/33kV S/S T-1(405T) HT Forced S/D Due to High temperature maintenance.	10.0MW load interrup.
06:16		Patuakhali-Payra 132kV Ckt-2 Scheduled S/D from Payra 400/132/33kV end Due to High temperature at primary junction point of CT	
06:33		120/140 MVA Txr.S/D at Bhola (Borhanuddin) Due to D/W of PBS.Interruption 72 MW.	
06:43		Jamalpur 132/33kV S/S T-2 HT Scheduled S/D Due to Auxiliary T-2 transformer shifting work.	25.0MW load interrup.
06:43		Jamalpur 132/33kV S/S T-2 LT Scheduled S/D Due to Auxiliary T-2 transformer shifting work.	25.0MW load interrup.
06:56		Shikalbaha 230/132kV S/S ATR 02 LT Scheduled S/D	
06:56		Shikalbaha 230/132kV S/S ATR 02 HT Scheduled S/D	
07:01		Bhandaria 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Aux. Transformer DS pin insulator Change	23.0MW load interrup.
07:01		Bhandaria 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Aux. Transformer DS pin insulator Change	23.0MW load interrup.
07:02		Bhandaria 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Aux. Transformer DS pin insulator Change	23.0MW load interrup.
07:03		Bhandaria 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Aux. Transformer DS pin insulator Change	23.0MW load interrup.
07:10		Maniknagar 230/132kV S/S Auto Transformer-01(705T) LT Scheduled S/D Due to Red Hot remove of 132 kV DS	
07:11		Maniknagar 230/132kV S/S Auto Transformer-01(705T) HT Scheduled S/D Due to Red Hot remove of 132 kV DS	
07:27		Bagerhat 132/33kV S/S Transformer-3 (423 T) LT Scheduled S/D Due to Maintenance work.	10.0MW load interrup.
07:28		Bagerhat 132/33kV S/S Transformer-3 (423 T) HT Scheduled S/D Due to Maintenance work.	10.0MW load interrup.
07:38		Barishal 132/33kV S/S T-1 (405T) LT Scheduled S/D Due to Red hot maintenance work of WZPDCL (Dopdapia - 2) at 33kV Bus	40.0MW load interrup.
07:39		Barishal 132/33kV S/S T-1 (405T) HT Scheduled S/D Due to Red hot maintenance work of WZPDCL (Dopdapia - 2) at 33kV Bus	40.0MW load interrup.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division