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

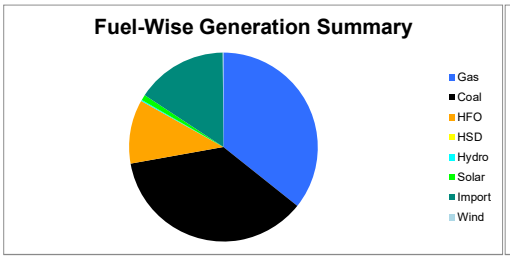
Date : 22-05-2026

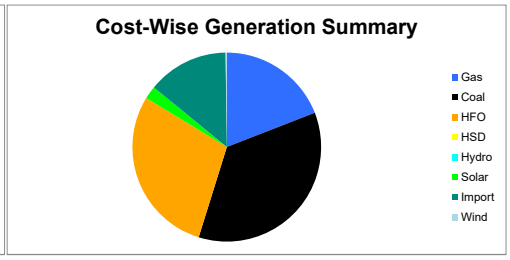
Power Supply Scenario

Day Peak Generation	13078.51	MW	09:00 Hr.	Energy Generated	343.87673	MKWHr.
Day Peak Demand	13140.51	MW	09:00 Hr.	Energy Unserverd	8.28400	MKWHr.
Evening Peak Generation	15768	MW	21:00 Hr.	Energy Demand	352.16073	MKWHr.
Evening Peak Demand	16080	MW	21:00 Hr.	Maximum Temperature	29.00	°C
Minimum Generation of the Day	12804.59	MW	12:00 Hr.	Total Gas Supplied	938.65	MMCFD
Maximum Generation of the Day	16095.81	MW	00:00 Hr.	Production Cost per KWHr	6.56847	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	33.62	0.00	10.84	0.00	0.00	0.15	0.00	0.00	44.60
Chattogram Zone	5.45	45.16	9.08	0.00	0.72	0.13	0.00	0.30	60.85
Cumilla Zone	26.00	0.00	6.05	0.00	0.00	0.34	3.55	0.00	35.95
Mymensingh Zone	0.00	0.00	2.56	0.00	0.00	0.14	0.00	0.00	2.70
Sylhet Zone	29.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.55
Khulna Zone	4.35	10.73	1.07	0.00	0.00	0.50	19.75	0.00	36.41
Barishal Zone	7.70	64.31	0.96	0.00	0.00	0.00	0.00	0.00	72.98
Rajshahi Zone	16.12	0.00	4.34	0.00	0.00	1.15	30.47	0.00	52.09
Rangpur Zone	0.00	5.26	2.74	0.00	0.00	0.76	0.00	0.00	8.76
Total	122.80	125.47	37.63	0.00	0.72	3.19	53.78	0.30	343.88





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	430804817.6	Hydro	71826
Coal	807846074	Solar	50225673.53
HFO	651361825.8	Import	313957201.7
HSD	0	Wind	4476547.2
	Total:	225,87,43,965	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	19.750545	Peak Hr Flow	39.00 MW at 21:00 hrs
Energy Flow from West to East:	KWHr:	56466545.45	Import through Adani C/B Interconnector:	MKWHr:	30.473242	Peak Hr Flow	45.00 MW at 21:00 hr
ow during Peak Demand (W-E):	MW:	2413	Import through Cumilla C/B Interconnector:	MKWHr:	3.55392	Peak Hr Flow	44.00 MW at 21:00 hrs
Maximum Power Flow (W-E):	MW:	2792	Total Import through C/B Interconnector:	MKWHr:	53.777707	Peak Hr Flow	78.00 MW at 21:00 hr

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

Zone	**Load-Shed**	**Demand**
Dhaka	53	5344
Chattogram	13	1630
Cumilla	29	1616
Mymensingh	167	1262
Sylhet	0	618
Khulna	37	2051
Barishal	0	487
Rajshahi	0	1545
Rangpur	0	963
Total	**299**	**15516**

Status of unavailable Power Plant

Planned S/D			**Forced S/D**		
Sl	Plant Name	Capacity	Sl	Plant Name	Capacity
1	Ashuganj 420 MW CCPP(East) GT	284			
2	Ashuganj 420 MW CCPP(East) ST	116			
3	Baghabari 100 MW GTPP	100			
4	Barapukuria TPP Unit-2	85			
5	Siddhirgonj 210 MW TPP	115			
	Total	700		Total	0
	Total Unavailable Capacity	**700**			

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
	09:07	Barishal 132/33kV S/S T-1 (405T) HT is restored.	
	09:08	Barishal 132/33kV S/S T-1 (405T) LT is restored.	
09:12	09:49	Ishurdi 132/33kV S/S 132/33 kV T-1 LT Scheduled S/D Due to maintenance work on station auxiliary x-former	30.0MW load interrup.
09:13	09:49	Ishurdi 132/33kV S/S 132/33 kV T-1 HT Scheduled S/D Due to maintenance work on station auxiliary x-former	30.0MW load interrup.

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	09:15	Baroaulia 132/33kV S/S T-1(405T) HT is restored.	
09:28	12:22	Panchagarh 132/33kV S/S T-3(A+B)(427T) HT Forced S/D Due to Red hot Maintenance work	
09:28	12:23	Panchagarh 132/33kV S/S T-3(A+B)(427T) LT Forced S/D Due to Red hot Maintenance work	
09:37	20:09	BIPTC S/S Baharampur-3 Scheduled S/D	
09:41	11:39	Rangpur 132/33kV S/S T-1(414T) HT Forced S/D Due to Red hot	
09:41	11:40	Rangpur 132/33kV S/S T-1(414T) LT Forced S/D Due to Red hot	
10:00	10:35	Halishahar-Julda 132kV Ckt-1 Forced S/D from Juldah 132/33kV end Due to Order of NLDC	
	10:00	Bagerhat 132/33kV S/S Transformer-3 (423 T) HT is restored.	
	10:01	Bagerhat 132/33kV S/S Transformer-3 (423 T) LT is restored.	
10:32	15:53	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-1 Scheduled S/D Due to As per ALDC 's instruction	
10:32	15:53	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-2 Scheduled S/D Due to As per ALDC 's instruction	
10:37	12:20	Patuakhali-Payra 132kV Ckt-1 Scheduled S/D from Payra 400/132/33kV end Due to High temperature at primary junction point of CT	
	10:44	Bhandaria 132/33kV S/S Transformer-1 HT is restored.	
	10:47	Bhandaria 132/33kV S/S Transformer-2 HT is restored.	
	10:47	Bhandaria 132/33kV S/S Transformer-1 LT is restored.	
	10:48	Bhandaria 132/33kV S/S Transformer-2 LT is restored.	
10:58	10:58	Brahmanbaria 132/33kV S/S 401T HT Forced S/D Due to redhot maintenance at 33kv kasba feeder bus DS	15.0MW load interrup.
10:58	11:40	Brahmanbaria 132/33kV S/S 401T LT Forced S/D Due to redhot at 33 kv kasba feeder bus DS	15.0MW load interrup.
11:18	22:52	Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end.	
	11:37	Meghnaghat-Shyampur 230kV Ckt-2 is restored.	
11:57	13:01	Maniknagar-Narinda 132kV Ckt-1 Scheduled S/D from Maniknagar 132/33kV end Due to Dc supply replacement work with new charger /distribution panel for main and backup protection relay.	
	12:16	Jamalpur 132/33kV S/S T-2 LT is restored.	
	12:16	Jamalpur 132/33kV S/S T-2 HT is restored.	
12:22		Jamalpur 132/33kV S/S T-3 LT Scheduled S/D Due to Auxiliary T-2 Shifting work	
12:58		BIPTC S/S 20DF43 Tripped showing 186, 286 Lockout Relay relays.	
13:42		Matarbari 2*600 MW (CPGCBL) Shutdown	
13:55		Matarbari 2*600 MW (CPGCBL) Synchronized	
13:55		Matarbari 2*600 MW (CPGCBL) Synchronized	
15:03	16:03	Maniknagar-Narinda 132kV Ckt-2 Scheduled S/D from Maniknagar 132/33kV end Due to New DC connection with new DC distribution panel	
15:44	15:59	Purbasadipur 230/132/33kV S/S TR-4 LT Tripped showing Siprotec,siemens relays Due to Bochaganj 33kv feeder fault	35.0MW load interrup.
16:10	17:10	Dohazari 132/33kV S/S Power Transformer -T-1 LT Scheduled S/D Due to Due to Banshkhali 33 KV BUS DS redhot maintenance	25.0MW load interrup.
16:10	17:10	Dohazari 132/33kV S/S Power Transformer -T-1 HT Scheduled S/D Due to Due to Banshkhali 33 KV BUS DS redhot maintenance	25.0MW load interrup.
16:21	17:34	Maniknagar 132/33kV S/S Motijheel Ckt-1 Scheduled S/D Due to New DC connection with new DC distribution panel	
17:44		Maniknagar 132/33kV S/S Motijheel Ckt-2 Scheduled S/D Due to Connect new DC from new DC distribution panel.	
18:03		Matarbari 2*600 MW (CPGCBL) Synchronized with remarks:- U2	
19:16		Joypurhat-Potnitola 132 KV -II syn.(Bay charge Joypurhat S/S).	
19:17		Joypurhat-Potnitola 132 KV -I syn.(Bay charge Joypurhat S/S).	
21:00		Evening Peak Generation is 15768 MW.	
21:15	22:37	Barishal 230/132kV S/S T-5 LT Scheduled S/D Due to Banaripara 33kv feeder DS problem	52.0MW load

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			interrup.
21:15	22:35	Barishal 230/132kV S/S T-5 HT Scheduled S/D Due to Banaripara DS problem	52.0MW load interrup.
	21:54	Rangpur 132/33kV S/S Rangpur-Teesta Solar-2 is restored.	
	23:28	Siddhirganj 132/33kV S/S T-2 HT is restored.	
23:55		JERA Meghnaghat Power Limited 718 MW CCPP tripped.	
00:15		Ashuganj 420 MW CCPP (East) GT was sync.	
00:32	00:53	Shahjibazar 132/33kV S/S TR-02 LT Tripped showing 33kc OC/EF Relay relays Due to Chunarughat and Shaitaganj Feeder Trip.	
05:46		Khulshi-Madunaghat 132kV Ckt-2 Scheduled S/D from Khulshi 132/33kV end Due to Red hot maintenance Work	
05:52		Sholosohor 132/33kV S/S Sholoshahar-Khulshi Ckt-2 Scheduled S/D Due to Maintenance regarding red hot on overhead line	
06:03		Khulna (C) S/S TR-1 425T HT Scheduled S/D Due to project work	22.0MW load interrup.
06:03		Khulna (C) S/S TR-1 425T LT Scheduled S/D Due to project work	22.0MW load interrup.
06:55		Rajshahi 132/33kV S/S Transformer T-3 (425T) LT Scheduled S/D Due to Cleaning & maintenance work.	10.0MW load interrup.
06:55		Rajshahi 132/33kV S/S Transformer T-2(415T) LT Scheduled S/D Due to Cleaning & maintenance work.	
06:56		Rajshahi 132/33kV S/S Transformer T-2(415T) HT Scheduled S/D Due to Cleaning & maintenance work.	
06:56		Rajshahi 132/33kV S/S Transformer T-3 (425T) HT Scheduled S/D Due to Cleaning & maintenance work.	10.0MW load interrup.
07:33		Goalpara 132/33kV S/S T-6 LT Scheduled S/D Due to Heat removal work	
07:34		Goalpara 132/33kV S/S T-6 HT Scheduled S/D Due to Heat removal work	
07:34		Keranigonj 230/132/33kV S/S TR-1 HT Scheduled S/D Due to High temperature maintenance work.	15.0MW load interrup.
07:34		Keranigonj 230/132/33kV S/S TR-1 LT Scheduled S/D Due to High temperature maintenance work.	15.0MW load interrup.
07:40		Candpur- Kachua 132kV Ckt-2 Scheduled S/D from Kachua 230/132/33kV end Due to 132 kv Chandpur -2 has been S/D By Backup NLDC and from Chandpur 132/33kV end Due to Maintenance work	
07:58		Korerhat 400/230/132kV S/S Feni -2 Project Work S/D	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division