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

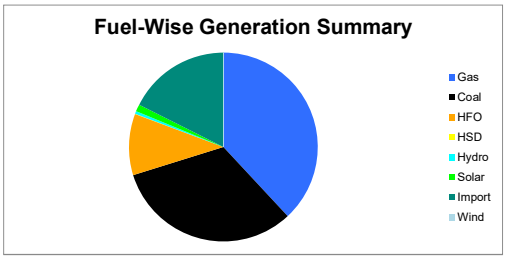
Date : 17-05-2026

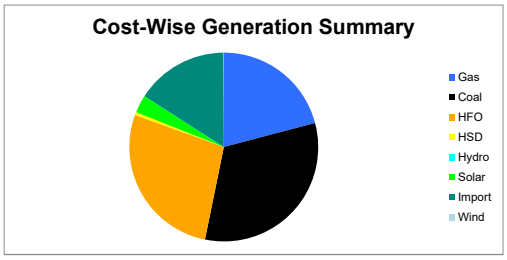
Power Supply Scenario

Day Peak Generation	13852.34	MW	12:00 Hr.	Energy Generated	329.41756	MKWHr.
Day Peak Demand	13946.34	MW	12:00 Hr.	Energy Unserverd	2.95400	MKWHr.
Evening Peak Generation	16200.93	MW	21:00 Hr.	Energy Demand	332.37156	MKWHr.
Evening Peak Demand	16479.93	MW	21:00 Hr.	Maximum Temperature	34.30	°C
Minimum Generation of the Day	10323.6	MW	06:00 Hr.	Total Gas Supplied	945.61	MMCFD
Maximum Generation of the Day	16200.93	MW	21:00 Hr.	Production Cost per KWHr	6.44164	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	33.97	0.00	14.01	0.00	0.00	0.19	0.00	0.00	48.17
Chattogram Zone	5.45	47.98	4.74	0.00	1.36	0.15	0.00	0.07	59.75
Cumilla Zone	29.17	0.00	5.85	0.00	0.00	0.38	3.79	0.00	39.18
Mymensingh Zone	0.00	0.00	2.17	0.00	0.00	0.25	0.00	0.00	2.42
Sylhet Zone	28.13	0.00	0.00	0.00	0.00	0.07	0.00	0.00	28.20
Khulna Zone	3.78	13.21	0.50	0.00	0.00	0.57	21.39	0.00	39.45
Barishal Zone	8.16	43.64	2.09	0.00	0.00	0.00	0.00	0.00	53.89
Rajshahi Zone	16.66	0.00	3.10	0.00	0.00	1.38	32.65	0.00	53.79
Rangpur Zone	0.00	1.14	2.01	0.35	0.00	1.05	0.00	0.00	4.56
Total	125.32	105.97	34.45	0.35	1.36	4.06	57.83	0.07	329.42





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	442891622	Hydro	135756
Coal	685667872.4	Solar	64554508.22
HFO	579780306	Import	337038794.5
HSD	10826373.6	Wind	1094424
	Total: 212,19,89,656		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.394182	Peak Hr Flow	907.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	44716200	Import through Adani C/B Interconnector:	MKWHr:	32.650909	Peak Hr Flow	1457.93 MW at 21:00 hrs.
ow during Peak Demand (W-E):	MW:	2063	Import through Cumilla C/B Interconnector:	MKWHr:	3.78528	Peak Hr Flow	172.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	2562	Total Import through C/B Interconnector:	MKWHr:	57.830371	Peak Hr Flow	2536.93 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	20	5883
Chattogram	60	1588
Cumilla	0	1556
Mymensingh	132	1122
Sylhet	0	624
Khulna	55	2032
Barishal	0	522
Rajshahi	0	1644
Rangpur	0	861
Total	**267**	**15832**

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
	08:03	Srinagar 132/33kV S/S Tr-01 LT is restored.	
	08:03	Srinagar 132/33kV S/S Tr-02 LT is restored.	
08:22	11:46	Kaliakoir 400/230/132kV S/S 400/132kV TR-3 LT Scheduled S/D Due to Ds-1209S maintenance due to red-hot.	
08:28	11:39	Kaliakoir 400/230/132kV S/S 400/132kV TR-3 HT Scheduled S/D Due to DS-1209s maintenance due to red-hot.	
08:43	11:34	Kaliakoir 400/230/132kV S/S 400kV Bus 2 Scheduled S/D Due to DS-1209S maintenance due to red-hot.	

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08:59	14:10	Barapukuria-Bogura 230 kV Ckt-2 Project Work S/D from Barapukuria 230/132/33kV end Due to Project work ERS	
09:44		Chowmuhani 230/132/33kV S/S ATR-02 LT Scheduled S/D Due to AVR Replacement.	
09:44		Chowmuhani 230/132/33kV S/S ATR-02 HT Scheduled S/D Due to AVR Replacement.	
09:53	17:49	Chowmuhani 230/132/33kV S/S Korerhat-04 Scheduled S/D Due to Relay Replacement.	
09:56	14:12	Barapukuria-Bogura 230 kV Ckt-2 Scheduled S/D from Bogura 400/230kV end Due to Conductor Shifting from Exiting line tower to ERS tower	
10:05	13:06	Sonargaon 132/33kV S/S OPSL(IEL-2) Forced S/D Due to NLDC instruction	
10:06	13:53	Chowmuhani 230/132/33kV S/S TR1-415T LT Forced S/D Due to Project equipment shift.	
10:06	13:53	Chowmuhani 230/132/33kV S/S TR1-415T HT Forced S/D Due to Project equipment shift.	
10:16	21:54	BSRM-Cumilla(N) 230 kV Ckt-1 Project Work S/D from Feni 230/132kV end Due to 230kV SAS & DFDR witnessing	
10:48	13:36	Feni 230/132kV S/S ATR-3 LT Project Work S/D Due to water supply system pipe installation & spray nozzle installation.	
10:48	13:36	Feni 230/132kV S/S ATR-3 HT Project Work S/D Due to water supply system pipe installation & spray nozzle installation.	
11:55	20:14	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-1 Scheduled S/D Due to Conductor Shifting from Exiting line tower to ERS tower	
11:55	20:14	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-2 Scheduled S/D Due to Conductor Shifting from Exiting line tower to ERS tower	
12:00		Day Peak Generation is 13846 MW.	
13:16	15:48	Bhangura 132/33kV S/S Tr-2(413T) LT Forced S/D Due to Red Hot	
13:17	15:47	Bhangura 132/33kV S/S Tr-2(413T) HT Forced S/D Due to Red Hot	
15:02	17:44	Kabirpur 132/33kV S/S XFR, T-2 HT Scheduled S/D Due to 33 kV Nabinagar feeder R phase bus loop connecting work	100.0MW load interrup.
15:02	17:45	Kabirpur 132/33kV S/S XFR, T-2 LT Scheduled S/D	
15:21		Ashuganj CCPP 225 MW Shutdown with remarks:- ST	
15:39		Ashuganj CCPP 225 MW Shutdown with remarks:- GT	
16:57	18:25	Srinagar 132/33kV S/S Tr-02 LT Scheduled S/D Due to Redhot maintenance in 33Kv bus-2 by PBS.	12.0MW load interrup.
16:58	18:23	Srinagar 132/33kV S/S Tr-02 HT Scheduled S/D Due to Redhot maintenance in 33Kv bus-2 by PBS.	12.0MW load interrup.
21:05	22:58	Sylhet 132/33kV S/S T1 LT Scheduled S/D Due to 33KV Upashahar feeder Bus side D/S (Y-Phase) Red hot maintanance by S&D-2 (BPDB).	15.0MW load interrup.
21:06	22:58	Sylhet 132/33kV S/S T1 HT Scheduled S/D Due to 33KV Upashahar feeder Bus side D/S (Y-Phase) Red hot maintanance by S&D-2 (BPDB).	15.0MW load interrup.
21:19	22:20	Narshingdi 132/33kV S/S T-2 HT Scheduled S/D Due to Narsingdi -1, PBS 33kV Mohishasura feeder OC&EF Tripp then T-2 33kV incomer B-phase DS fingers Flashing and Damage.	20.0MW load interrup.
21:20	22:20	Narshingdi 132/33kV S/S T-2 LT Scheduled S/D Due to Narsingdi -1, PBS 33kV Mohishasura feeder OC&EF Tripp then T-2 33kV incomer B-phase DS fingers Flashing and Damage.	20.0MW load interrup.
23:48	00:22	Shahjibazar 132/33kV S/S TR-02 LT Tripped showing 33kv OC/EF protection Relay relays Due to Heavy Rain and Stormy Weather	
00:28	00:41	Shahjibazar 132/33kV S/S TR-02 LT Tripped showing 33kv OC/EF Relay relays Due to Shaistaganj Feeder Trip	
01:19	02:01	Brahmanbaria-Shahjibazar 132 kV Ckt-2 Tripped from Brahmanbaria 132/33kV end showing Distance relay relays. and from Shahjibazar 132/33kV end showing Distance Relay relays Due to Stormy Weather	30.0MW load interrup. Brahmanbaria 132/33kV end
02:32	03:30	Sherpur(Bogura)-Sirajgonj 132 kV Ckt-2 Tripped from Sirajganj 132/33kV end showing Distance relay relays Due to Thundering.	
02:59	03:26	Sherpur(Bogura)-Sirajgonj 132 kV Ckt-2 Tripped from Bog-Sherpur 132/33kV end showing Micom P443 relays Due to unknown	
03:17		Around 15 MW interruption occurred under Jamalpur and Sherpur grid due to tripping of RPCL-Muktagacha ckt-1 and ckt-2 showing distance relay caused by bad weather.	
03:38		RPCL-Muktagacha ckt-1 and ckt-2 were switched ON. Now no interruption is occurring under Jamalpur and Sherpur grid s/s.	
05:32		Tangail 132/33kV S/S Tr-1 HT Tripped showing 50-51(MMLG01, MCGG), K-50(MVAJ), 86X(MVAJ).	

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		relays Due to 33kV Shakhipur feeder fault.	
05:32		Tangail 132/33kV S/S Tr-2 HT Tripped showing 50-51(MMLG01, MCGG), K-50(MVAJ), 86X(MVAJ). relays Due to 33kV Shakhipur feeder fault.	
05:32		Tangail 132/33kV S/S Tr-1 LT Tripped showing REF615(ABB) relays Due to 33kV Shakhipur feeder fault .	
05:32		Tangail 132/33kV S/S Tr-2 LT Tripped showing REF615(ABB) relays Due to 33kV Shakhipur feeder fault .	
05:32		Around 42 MW interruption is occurring under Tangail grid s/s due to tripping of T-1 and T-2 transformer showing overcurrent & earth-fault relay caused by a faulty feeder (Sokhipur PBS) trial, which caused trip-coil burn in 33 kV incomer breaker.	
06:00		Minimum Generation: 11514 MW.	
07:03	07:27	Jamalpur-Mymensingh 132kV Ckt-2 Tripped from Jamalpur 132/33kV end showing Micom relays Due to O/C, E/F	
07:20		Sylhet (South) S/S Trafo-2 LT Scheduled S/D Due to 33kv bus section- 2 feeder work	24.0MW load interrup.
07:21		Sylhet (South) S/S Trafo-2 HT Scheduled S/D Due to 33kv bus section- 2 feeder work	24.0MW load interrup.
07:39		Purbasadipur 230/132/33kV S/S AIS Old T-4 Transformer LT Scheduled S/D Due to Heat sink maintenance at Khanshama 33kV feeder	
07:40		Purbasadipur 230/132/33kV S/S AIS Old T-4 Transformer HT Scheduled S/D Due to Heat sink maintenance at Khanshama 33kV feeder	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division