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

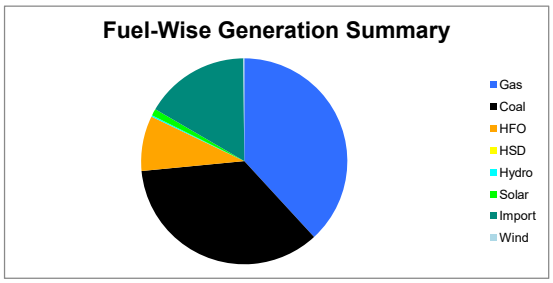
Date : 24-05-2026

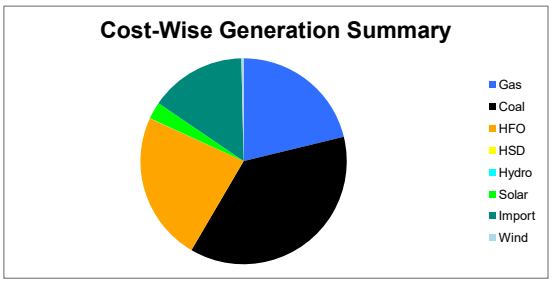
Power Supply Scenario

Day Peak Generation	14325.43	MW	12:00 Hr.	Energy Generated	338.10266
Day Peak Demand	14666.1	MW	12:00 Hr.	Energy Unserverd	3.43200
Evening Peak Generation	14501.86	MW	21:00 Hr.	Energy Demand	341.53466
Evening Peak Demand	14701.86	MW	21:00 Hr.	Maximum Temperature	36.00
Minimum Generation of the Day	12626.38	MW	06:00 Hr.	Total Gas Supplied	922.00
Maximum Generation of the Day	15406.71	MW	00:00 Hr.	Production Cost per KWHr	6.27861

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind
Dhaka Zone	34.83	0.00	9.17	0.00	0.00	0.16	0.00	0.00
Chattogram Zone	5.44	37.70	9.64	0.00	0.87	0.11	0.00	0.46
Cumilla Zone	29.99	0.00	5.23	0.00	0.00	0.19	3.08	0.00
Mymensingh Zone	0.00	0.00	2.71	0.00	0.00	0.26	0.00	0.00
Sylhet Zone	28.56	0.00	0.00	0.00	0.00	0.04	0.00	0.00
Khulna Zone	4.40	22.90	0.16	0.00	0.00	0.62	20.91	0.00
Barishal Zone	8.11	53.99	0.13	0.00	0.00	0.00	0.00	0.00
Rajshahi Zone	17.60	0.00	0.58	0.00	0.00	1.25	31.66	0.00
Rangpur Zone	0.00	4.99	1.49	0.00	0.00	0.88	0.00	0.00
Total	128.93	119.57	29.11	0.00	0.87	3.52	55.64	0.46





Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	450128723.2	Hydro	86802
Coal	790956235.7	Solar	56865196.81
HFO	496031236.8	Import	321919114.8
HSD	0	Wind	6827793.6
	Total:	212,28,15,102	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	20.906182	Peak Hr Flow
Energy Flow from West to East:	KWHr:	54039581.82	Import through Adani C/B Interconnector:	MKWHr:	31.657455	Peak Hr Flow
wer Flow during Peak Demand (W-E):	MW:	2541	Import through Cumilla C/B Interconnector:	MKWHr:	3.07872	Peak Hr Flow
Maximum Power Flow (W-E):	MW:	3036	Total Import through C/B Interconnector:	MKWHr:	55.642357	Peak Hr Flow

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

Zone	Load-Shed	Demand
Dhaka	68	5013
Chattogram	0	1520
Cumilla	21	1370
Mymensingh	102	1175
Sylhet	0	545
Khulna	0	1712
Barishal	0	562
Rajshahi	0	1476
Rangpur	0	927
Total	**191**	**14300**

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	Des
08:13	08:25	Kachua 230/132/33kV S/S TR-2 HT Scheduled S/D Due to Remove kite from 33 kV bus	40.0MW load interrup.
08:13	08:28	Kachua 230/132/33kV S/S TR-2 LT Scheduled S/D Due to Remove kite from 33 kV Bus	40.0MW load interrup.
08:15	11:20	Candpur (Desh)- Chandpur 132kV Ckt-1 Forced S/D from Chandpur 132/33kV end Due to Maintenance	
08:15	08:51	Shahjibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to Redhot Maintenance at 33kv bus Taken by pbs	
08:16	08:50	Shahjibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to Redhot maintenace	

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	08:26	Khulshi 132/33kV S/S 405T (T1) HT is restored.	
	08:27	Khulshi 132/33kV S/S 405T (T1) LT is restored.	
08:39	09:50	Kishoreganj-Mymensingh 132kV Ckt-1 Scheduled S/D from Bajitpur 132/33kV end.	
08:41	11:43	Faridpur 132/33kV S/S ATR-2 LT Scheduled S/D Due to WTI Replacement	
	08:42	Barishal 230/132kV S/S T-4 HT is restored.	
08:42	11:43	Faridpur 132/33kV S/S ATR-2 HT Scheduled S/D Due to WTI Replacement	
	08:46	Barishal 230/132kV S/S T-4 LT is restored.	
	08:50	Bogura 230/132kV S/S T-02 HT is restored.	
	08:52	Bogura 230/132kV S/S T-02 LT is restored.	
	08:55	Naogaon 132/33kV S/S T-2 33kV BUS is restored.	
	09:02	Jamalpur 132/33kV S/S T-4 HT is restored.	
	09:02	Jamalpur 132/33kV S/S T-4 LT is restored.	
	09:13	Niamatpur 132/33kV S/S Transformer-2 (417T) HT is restored.	
	09:13	Niamatpur 132/33kV S/S Transformer-2 (417T) LT is restored.	
09:17	00:16	Feni 132/33kV S/S T-1(405T) LT Scheduled S/D Due to T2 132KV breaker Commissioning.	
09:17	10:17	Jamalpur 132/33kV S/S T-1 LT Scheduled S/D Due to Temperature reduce work	
09:17	00:16	Feni 132/33kV S/S T-2(415T) HT Scheduled S/D Due to T2 132KV breaker Commissioning.	
09:17	10:17	Jamalpur 132/33kV S/S T-1 HT Scheduled S/D Due to Temperature reduce work	
09:24	10:08	Dohazari 132/33kV S/S Power Transformer -T-2 HT Scheduled S/D Due to Due to Satkania 33 KV BUS DS red hot maintenance	54.0MW load interrup.
09:24	10:08	Dohazari 132/33kV S/S Power Transformer -T-2 LT Scheduled S/D Due to Due to Satkania 33 KV BUS DS red hot maintenance.	54.0MW load interrup.
09:25	09:52	Shahjibazar 132/33kV S/S TR-04 LT Tripped showing Trip Relay-1 relays Due to Pran jamuna-2 Flashing	
09:28	14:05	Jashore 132/33kV S/S JH-2(L1) Scheduled S/D Due to Project Work	
09:30	12:07	Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-2 Scheduled S/D Due to Kaligonj Circuit -2 Pole Discripency problem	
09:30	11:26	Chandpur 132/33kV S/S Bus-B Forced S/D Due to Maintenance	
09:32	13:22	Bogura(New)-Bogura(Sherpur) 132 kV Ckt-2 Scheduled S/D from Bog-Sherpur 132/33kV end Due to Loop Maintenance and from Bogura 230/132kVend.	
	09:35	Pabna 132/33kV S/S T-3 HT is restored.	
	09:37	Pabna 132/33kV S/S T-3 LT is restored.	
09:50	13:03	Bog-Sherpur 132/33kV S/S Main Bus-2 Scheduled S/D Due to Loop Maintenance	
09:59	11:16	Bajitpur 132/33kV S/S Tr-2(414T) LT Scheduled S/D	
10:26	11:08	Chuadanga 132/33kV S/S 132kV Tr. T1(416T) LT Forced S/D Due to ঝড়ে খুলে যাওয়া PRD এর ঢাকনা লাগানো কাজ।	
10:27	11:07	Chuadanga 132/33kV S/S 132kV Tr. T1(416T) HT Forced S/D Due to ঝড়ে খুলে যাওয়া PRD এর ঢাকনা লাগানো কাজ।	
10:33	11:47	BSRM-Cumilla(N) 230 kV Ckt-1 Scheduled S/D from Feni 230/132kV end Due to Due to work at cumilla north end	
	11:03	Ishurdi 230/132kV S/S 230 kV Bus 2 is restored.	
11:45	12:42	Candpur (Desh)- Chandpur 132kV Ckt-2 Forced S/D from Chandpur 132/33kV end Due to Maintenance	
11:50	12:50	Chowmuhani 230/132/33kV S/S TR1-415T HT Scheduled S/D Due to Red hot Maintenance of 33kv Incoming DS LOOP	20.0MW load interrup.
12:00		Day Peak Generation: 14321 MW.	
12:12	13:49	Baroirhat-Feni 132 kV Ckt-2 Tripped from Feni 132/33kV end showing Distance Relay relays.	
	12:13	Baghabari-Ishurdi 230 kV Ckt-1 is restored.	
12:15	13:10	Lalmonirhat-Rangpur 132 kV Ckt-2 Forced S/D from Kurigram 132/33kV end Due to Tree Trimming at line	
12:20	13:15	Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-1 Scheduled S/D Due to maintenance work.	

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	13:10	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT is restored.	
	13:10	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) HT is restored.	
13:15	15:35	Nabinagar 132/33kV S/S T-2 HT Project Work S/D Due to Hot spot maintenance.	
13:15	15:35	Nabinagar 132/33kV S/S T-2 LT Project Work S/D Due to Hot spot maintenance.	
13:23	14:36	New Tongi S/S T1(403T) LT Forced S/D Due to S/down due to temperature rise at 33 kv loop joint	
	13:45	Aggreko-keraniganj 132kV Ckt-1 is restored.	
13:45	14:52	Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) LT Scheduled S/D	
	13:45	Keranigonj 230/132/33kV S/S 132 kV Hasnabad Ckt. 1 is restored.	
13:46	14:51	Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) HT Scheduled S/D	
13:52	15:34	Beanibazar 132/33kV S/S 132KV Transformer TR-02 LT Forced S/D Due to Red Hot Maintenance	
13:53	15:32	Beanibazar 132/33kV S/S 132KV Transformer TR-02 HT Forced S/D Due to Red hot Maintenance	
15:20	16:49	Jamalpur-Mymensingh 132kV Ckt-1 Scheduled S/D from Mymensingh 132/33kV end. and from Jamalpur 132/33kV end Due to Maintenance work of C.T. connector due to temperature increased.	
16:56		Joypurhat 132/33kV S/S Patnitola Ckt.-2 Project Work S/D Due to bay loop stinging	
16:56		Joypurhat 132/33kV S/S Patnitola Ckt.-1 Project Work S/D Due to bay loop stinging	
17:27		Brahmanbaria-Shahjibazar 132 kV Ckt-1 Tripped from Shahjibazar 132/33kV end showing Distance Relay relays Due to Heavy Rain With Thundering	
17:47		Brahmanbaria-Shahjibazar 132 kV Ckt-1 Tripped from Brahmanbaria 132/33kV end showing distance relays.	
17:50	18:01	Haripur 230/132kV S/S Ullon (Maniknagar-2) Tripped showing MiCOM P441: PH Y, Z1, Dist. Send. relays Due to Heavy rainfall (potential cause)	
19:50		Fatullah-Shyampur(New) 132 kV Ckt-2 Forced S/D from Fatullah 132/33kV end. and from Shyampur 230/132kV end Due to After triping, the SF6 Gas quality doesn't satisfy,so it has to be refilled new SF6 Gas.	
20:22	21:28	Sreepur 230/132/33kV S/S 132/33 kV T-1 LT Forced S/D Due to DS repair work (PBS end)	
23:37	00:43	Daudkandi 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Red hot maintenance at 33 kV switchyard by PBS-3	16.0MW load interrup.
23:38	00:42	Daudkandi 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Red hot maintenance at 33 kV switchyard by PBS-3	16.0MW load interrup.
01:34		Matarbari 2*600 MW (CPGCBL) Shutdown	
01:34		Matarbari 2*600 MW (CPGCBL) Shutdown with remarks:- U-1	
01:35		Matarbari 2*600 MW (CPGCBL) Synchronized with remarks:- U2	
03:30	04:17	Bakulia-Khulshi 132 kV Ckt-1 Tripped from Bakulia 132/33kV end showing distance relay relays.	
05:20	05:52	Purbasadipur-Saidpur 132kV Ckt-2 Tripped from Saidpur 132/33kV end showing Auto Reclose failDistance Relay., C relays.	
	05:59	Bogura 400/230kV S/S 400 KV Reactor (125 MVAR) is restored.	
06:16		Mymensingh 132/33kV S/S Transformer-2 (414T) LT Scheduled S/D Due to To perform high temperature mitigate works of 33kV Gafargaon feeder Bus DS Y-phase.	80.0MW load interrup.
06:17		Mymensingh 132/33kV S/S Transformer-2 (414T) HT Scheduled S/D Due to To perform high temperature mitigate works of 33kV Gafargaon feeder Bus DS Y-phase.	80.0MW load interrup.
06:24		Khulna(C)-Khulna (S) 132kV Ckt-1 Scheduled S/D from Khulna(S) 230/132kV end. and from Khulna (C) end Due to Project Work.	and 98.0MW load interrup. Khulna (C) end
06:42	07:03	Kurigram 132/33kV S/S Transformer T-1 (Tr-403T) HT Tripped showing Over current protection p132 relays Due to Over voltage	20.0MW load interrup.
06:42	07:06	Kurigram 132/33kV S/S Transformer T-1 (Tr-403T) LT Tripped showing Over Curent Protection relays Due to Over voltage	20.0MW load interrup.
06:42	07:03	Kurigram 132/33kV S/S Transformer T-2 (Tr-413T) HT Tripped showing Over Curent Protection relays Due to Over Voltage	20.0MW load interrup.
06:42	07:06	Kurigram 132/33kV S/S Transformer T-2 (Tr-413T) LT Tripped showing Over Curent Protection relays Due to Over Votage	20.0MW load interrup.
06:43	07:05	Lalmonirhat-Rangpur 132 kV Ckt-2 Tripped from Lalmonirhat 132/33kV end showing 51 G relays Due to Heavy Thunderstorm and from Rangpur 132/33kV end showing 21 relays Due to Thundering	and 26.0MW load interrup. Rangpur 132/33kV end

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07:08		Niamatpur 132/33kV S/S Transformer-1(407T) LT Scheduled S/D Due to PBS AUX T-1 Maintenance	15.0MW load interrup.
07:08		Niamatpur 132/33kV S/S Transformer-1(407T) HT Scheduled S/D Due to PBS AUX T-1 Maintenance	15.0MW load interrup.
07:13		Kachua 230/132/33kV S/S TR-1 LT Scheduled S/D Due to 33 kV Adda feeder source DS damage issue.	
07:16		Kachua 230/132/33kV S/S TR-1 HT Scheduled S/D Due to 33 kV Adda feeder source DS damage issue.	
07:30	07:56	Saidpur 132/33kV S/S TR-5 (434T) LT Tripped showing 1) Master relay trip 2) Over current relay relays.	
07:30	07:55	Saidpur 132/33kV S/S TR-5 (434T) HT Tripped showing 1) Master relay trip 2) Over current relay relays.	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent I
Network Operatio

MKWHr.
MKWHr.
MKWHr.
°C
MMCFD
Tk.

Total
44.15
54.23
38.48
2.97
28.60
49.00
62.23
51.09
7.35
338.10

910.00 MW at 21:00 hrs.
1397.36 MW at 21:00 hrs.
136.00 MW at 21:00 hrs.
2443.36 MW at 21:00 hrs.

cription of Event

Engineer
ın Division