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

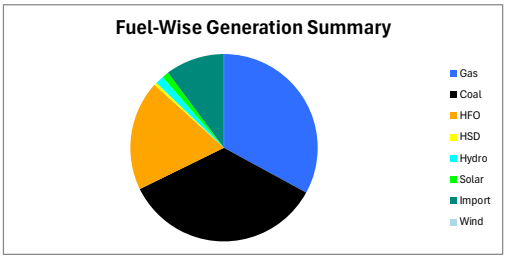
Date : 04-10-2026

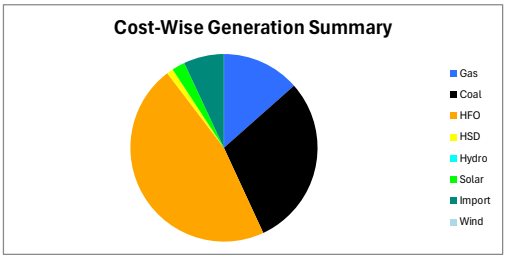
Power Supply Scenario

Day Peak Generation	15248.53	MW	12:00 Hr.	Energy Generated	364.64393	MKWHr.
Day Peak Demand	16147.53	MW	12:00 Hr.	Energy Unserverd	31.24200	MKWHr.
Evening Peak Generation	16460.85	MW	21:00 Hr.	Energy Demand	395.88593	MKWHr.
Evening Peak Demand	17797.85	MW	21:00 Hr.	Maximum Temperature	34.00	°C
Minimum Generation of the Day	14045.12	MW	06:00 Hr.	Total Gas Supplied	880.17	MMCFD
Maximum Generation of the Day	16460.85	MW	21:00 Hr.	Production Cost per KWHr	8.47011	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	36.36	0.00	22.68	0.00	0.00	0.20	0.00	0.00	59.25
Chattogram Zone	5.59	54.29	16.70	0.00	5.28	0.14	0.00	0.01	82.02
Cumilla Zone	28.67	0.00	10.26	0.00	0.00	0.37	1.86	0.00	41.15
Mymensingh Zone	0.00	0.00	4.61	0.00	0.00	0.41	0.00	0.00	5.03
Sylhet Zone	31.90	0.00	0.00	0.00	0.00	0.06	0.00	0.00	31.96
Khulna Zone	0.00	29.60	1.13	1.72	0.00	0.50	20.48	0.00	53.42
Barishal Zone	8.10	38.94	4.38	0.00	0.00	0.00	0.00	0.00	51.43
Rajshahi Zone	9.57	0.00	5.27	0.00	0.00	1.46	14.79	0.00	31.09
Rangpur Zone	0.00	4.06	4.11	0.00	0.00	1.13	0.00	0.00	9.30
Total	120.20	126.90	69.14	1.72	5.28	4.27	37.13	0.01	364.64





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	415548850.1	Hydro	528401.5
Coal	915289411.7	Solar	68183975.23
HFO	1438067747	Import	216082765.6
HSD	34652413.2	Wind	220819.2

Total: 308,85,74,383 Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	20.480727	Peak Hr Flow	763.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	32228436.36	Import through Adani C/B Interconnector:	MKWHr:	14.789385	Peak Hr Flow	701.97 MW at 21:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	1247	Import through Cumilla C/B Interconnector:	MKWHr:	1.85664	Peak Hr Flow	80.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	1994	Total Import through C/B Interconnector:	MKWHr:	37.126752	Peak Hr Flow	1544.97 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	150	6239
Chattogram	104	1562
Cumilla	241	1717
Mymensingh	173	1420
Sylhet	85	731
Khulna	160	2042
Barishal	79	559
Rajshahi	202	1797
Rangpur	85	997
Total	**1279**	**17064**

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	1	Bhairob 54.5 MW	54.5
2	Barapukuria TPP Unit-2	85	2	Patenga 50MW PP (Baraka)	50
3	Siddhirgonj 210 MW TPP	115	3	Kushiara 163 MW CCPP (KP) ST	54
			4	Sylhet 225 MW CCPP ST	89
	Total	300		Total	247.5
	Total Unavailable Capacity			**547.5**	

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:01	10:38	Pabna 132/33kV S/S T-2 LT Forced S/D Due to Kashinathpur 33 kv (PBS-2) Redhot Maintenance work.	
08:01	10:38	Pabna 132/33kV S/S T-2 HT Forced S/D Due to Kashinathpur 33 kv (PBS-2) Redhot Maintenance work.	

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09:18	16:29	Tongi 230/132/33kV S/S Tongi-Uttara 3rd Phase Ckt Scheduled S/D Due to Annual maintenance	
09:28	18:22	Madunaghat-Meghnaghat 400kV Ckt-2 Scheduled S/D from Meghnaghat 400/230kV end Due to Request by NLDC	
	09:50	Chattak-Sunamganj 132 kV Ckt-2 is restored.	
10:09	12:13	Korerhat 400/230/132kV S/S 400kV BUS-1 Project Work S/D Due to DFDR Work	
10:18	11:47	Madunaghat 132/33kV S/S TR-2(517T) LT Scheduled S/D Due to Anonna 33kv feeder loop maintenance work by BPDB.	
10:29	11:14	Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-1 Tripped showing Distance Relay relays Due to Distance Trip	
11:00	17:59	Nabinagar 132/33kV S/S Nabinagar-Dhamrai Ckt-2 Project Work S/D Due to Internal testing of SAS	
11:04	14:40	Bogura 230/132kV S/S 132KV Main 2 Scheduled S/D Due to red hot maintenance	
11:07	17:43	Nabinagar 132/33kV S/S T-1 LT Project Work S/D Due to Internal testing of SAS	15.0MW load interrup.
11:07	17:42	Nabinagar 132/33kV S/S T-1 HT Project Work S/D Due to Internal testing of SAS	
11:43	17:32	Nabinagar 132/33kV S/S Main Bus-1 Project Work S/D Due to Internal testing of SAS	
11:49	14:20	Keranigonj 230/132/33kV S/S 132 kV Hasnabad Ckt. 1 Scheduled S/D Due to busbar protection work by SPMD depratment,	
11:58		Kachua 230/132/33kV S/S ATR-1 LT Project Work S/D	
12:00		Kachua 230/132/33kV S/S ATR-1 HT Project Work S/D	
12:23	17:55	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph LT Project Work S/D Due to Fire Fighter	
12:24	17:53	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph HT Project Work S/D Due to Fire Fighter	
13:26	15:05	Bogura(New) South-Bogura(Sherpur) 132 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to red hot maintenance	
	14:04	Khulna (C) S/S TR-1 425T HT is restored.	
	14:04	Khulna (C) S/S TR-1 425T LT is restored.	
	15:04	Mymensingh 132/33kV S/S Transformer-3 (424T) HT is restored.	
	15:06	Mymensingh 132/33kV S/S Transformer-3 (424T) LT is restored.	
17:21		Palashbari 132/33kV S/S TR2-404T LT Tripped showing O/C & E/F relays Due to 33Kv Feeder Fault	75.0MW load interrup.
17:21		Palashbari 132/33kV S/S TR1-414T HT Tripped showing O/C & E/F relays Due to 33Kv Feeder Fault	75.0MW load interrup.
17:21		Palashbari 132/33kV S/S TR1-414T LT Tripped showing O/C & E/F relays Due to 33 kv feeder Fault	74.0MW load interrup.
17:21	18:11	Palashbari 132/33kV S/S TR2-404T HT Tripped showing O/C & E/F relays Due to 33 KV Feeder fault	75.0MW load interrup.
	18:11	Palashbari 132/33kV S/S TR2-404T HT is restored.	
19:28		Barapukuria TPP Unit-1 Synchronized	
19:40		Palashbari 132/33kV S/S TR1-414T LT Forced S/D Due to 33kv Feeder Fault	25.0MW load interrup.
19:40		Palashbari 132/33kV S/S TR1-414T HT Forced S/D Due to 33Kv Feeder Fautl	25.0MW load interrup.
21:00		Evening Peak Generation: 16461 MW.	
22:21		Full interruption is occurring under Hatirjheel grid s/s (DPDC) due to tripping of Rampura-Hatirjheel ckt and Rampura-Ullon-Mogbazar ckt. Rampura grid s/s operators reported there was a blast sound heard in switchyard at the time of tripping.	
22:21	23:46	Rampura-Ullon-2 132kV Ckt-2 Tripped from Rampura 230/132kV end showing TEE Zone 1 Prot. Trip (87TEE-1)TEE Zone 2 Prot. Trip (87TEE-2)Lockout Relay 1 & 2 612BLockout Relay 1 & 2 615BLockout Relay 1 & 2 618B relays Due to 132kV Ullon -02 Distance Protection 21/2Z3 BCN Start (alarm)132kV mog-2 Diff 87L trip blue-phasedistance trip 21.Z2distance time trip 21.Z2	50.0MW load interrup. Rampura 230/132kV end
22:21	02:02	Moghbazar-Rampura 132kV Ckt-2 Tripped from Rampura 230/132kV end showing TEE Zone 1 Prot. Trip (87TEE-1)TEE Zone 2 Prot. Trip (87TEE-2)Lockout Relay 1 & 2	

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	612BLockout Relay 1 & 2 615BLockout Relay 1 & 2 618B relays Due to 132kV Ullon -02 Distance Protection 21/2Z3 BCN Start (alarm)132kV mog-2 Diff 87L trip blue-phasedistance trip 21.Z2distance time trip 21.Z2	
23:50	Rampura-Ullon-Mogbazar ckt was switched ON.	
02:15	Rampura-Hatirjheel ckt was switched ON.	
06:20	Barapukuria TPP Unit-1 Tripped with remarks:- Monitor abnormal issues	
06:20	Barapukuria TPP Unit-1 Shutdown	
06:39	Aminbazar-Keraniganj 230kV Ckt-2 Scheduled S/D from Keranigonj 230/132/33kV end Due to Redhot maintenance work at aminbazar end.	
07:20	Thakurgaon 132/33kV S/S 33kV Bus Scheduled S/D Due to গোয়ালপারা-২ ৩৩ কেভি ফিডারের সোর্স সাইটের আইসোলেটরে সমস্যা হওয়ায় মেরামত কাজে ৩৩ কেভি বাস সাটডাউন নেয়া হয়। গোয়ালপারা-২, বালিয়াডাঙ্গি, নেকমরদ, গোয়ালপারা-১, পীরগঞ্জ, আরইবি বীরগঞ্জ ও গোলাপগঞ্জ একই বাসে থাকার কারণে উপরোক্ত ফিডারগুলো বন্ধ রয়েছে।	45.0MW load interrup.
07:31	Khulna (C) S/S Tr-2 415 T LT Scheduled S/D Due to Annual maintenance purpose.	
07:32	Khulna (C) S/S Tr-2 415 T HT Scheduled S/D Due to For annual maintenance	

Sub-Divisional Engineer Network Operation Division	Executive Engineer Network Operation Division	Superintendent Engineer Network Operation Division