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

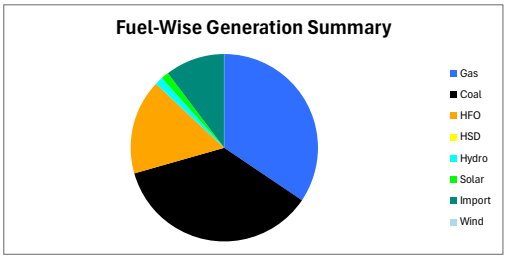
Date : 03-10-2026

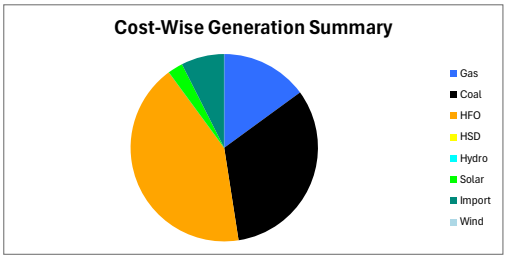
Power Supply Scenario

Day Peak Generation	14495.33	MW	12:00 Hr.	Energy Generated	347.40189	MKWHr.
Day Peak Demand	14517.33	MW	12:00 Hr.	Energy Unserverd	27.04200	MKWHr.
Evening Peak Generation	15882.85	MW	21:00 Hr.	Energy Demand	374.44389	MKWHr.
Evening Peak Demand	18230.85	MW	21:00 Hr.	Maximum Temperature	35.20	°C
Minimum Generation of the Day	13253.93	MW	06:00 Hr.	Total Gas Supplied	885.97	MMCFD
Maximum Generation of the Day	15882.85	MW	21:00 Hr.	Production Cost per KWHr	7.98975	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	36.69	0.00	18.14	0.00	0.00	0.20	0.00	0.00	55.03
Chattogram Zone	5.80	53.76	15.94	0.00	4.91	0.13	0.00	0.01	80.55
Cumilla Zone	26.65	0.00	7.25	0.00	0.00	0.44	1.64	0.00	35.97
Mymensingh Zone	0.04	0.00	4.47	0.00	0.00	0.43	0.00	0.00	4.94
Sylhet Zone	32.79	0.00	0.00	0.00	0.00	0.06	0.00	0.00	32.85
Khulna Zone	0.00	28.76	1.16	0.00	0.00	0.51	20.11	0.00	50.54
Barishal Zone	8.14	39.13	3.81	0.00	0.00	0.00	0.00	0.00	51.08
Rajshahi Zone	9.61	0.00	2.76	0.00	0.00	1.46	14.05	0.00	27.88
Rangpur Zone	0.00	3.88	3.36	0.00	0.00	1.33	0.00	0.00	8.57
Total	119.71	125.54	56.89	0.00	4.91	4.55	35.79	0.01	347.40





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	415220969.9	Hydro	490606.7
Coal	904769645.9	Solar	72840150.96
HFO	1175465736	Import	206667642.2
HSD	0	Wind	199449.6
	Total:	277,56,54,201	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	21745.45	Import through HVDC C/B Interconnector:	MKWHr:	20.108364	Peak Hr Flow	806.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	31142818.18	Import through Adani C/B Interconnector:	MKWHr:	14.046006	Peak Hr Flow	709.47 MW at 21:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	1057	Import through Cumilla C/B Interconnector:	MKWHr:	1.63584	Peak Hr Flow	76.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	1960	Total Import through C/B Interconnector:	MKWHr:	35.79021	Peak Hr Flow	1591.47 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	540	6135
Chattogram	152	1608
Cumilla	307	1779
Mymensingh	232	1501
Sylhet	153	751
Khulna	290	2060
Barishal	140	598
Rajshahi	214	1775
Rangpur	219	1128
Total	**2247**	**17335**

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	1	Bhairob 54.5 MW	54.5
2	Ashuganj 420 MW CCPP(East) ST	116	2	Kushiara 163 MW CCPP (KP) ST	54
3	Baghabari 100 MW GTPP	100	3	Sylhet 225 MW CCPP ST	89
4	Barapukuria TPP Unit-2	85			
5	Siddhirgonj 210 MW TPP	115			
	Total	700		Total	197.5
	Total Unavailable Capacity	**897.5**			

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:20	15:35	Khulna (C) S/S TR-1 425T LT Scheduled S/D Due to For Annual Maintenance	
08:20	15:35	Khulna (C) S/S TR-1 425T HT Scheduled S/D Due to For Annual Maintenance.	
	08:29	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT is restored.	

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	08:31	Rajshahi 132/33kV S/S Transformer T-3 (425T) LT is restored.	
08:46	15:54	Barapukuria-Rangpur 132 kV Ckt-1 Scheduled S/D from Barapukuria 230/132/33kV end Due to 132KV CB maintenance	
	09:21	Joydebpur-Kodda B 132 kV Ckt-2 is restored.	
09:28	10:42	Jamalpur 132/33kV S/S T-3 HT Scheduled S/D Due to 132kV CT connector temperature reduce work	
09:28	10:42	Jamalpur 132/33kV S/S T-3 LT Scheduled S/D Due to 132kV CT connector temperature reduce work	
09:30	21:10	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph LT Project Work S/D Due to Project work (CAF)	
09:31	17:43	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph HT Project Work S/D Due to Project work (CAF)	
	09:52	Bhaluka-Mymensingh 132 kV Ckt-1 is restored.	
	09:52	Bhaluka-Mymensingh 132 kV Ckt-2 is restored.	
	11:11	Aminbazar-Manikgonj PP 132kV Ckt-2 is restored.	
12:00		Day Peak Generation: 14495 MW.	
12:05	14:25	Narshingdi 132/33kV S/S T-4 HT Scheduled S/D Due to Red hot maintenance	
12:16	14:23	Narshingdi 132/33kV S/S 132 kV Main Bus-1 Scheduled S/D Due to Red hot Maintenance	
	12:20	Chandpur 132/33kV S/S 33 kV T-1 Section is restored.	
12:50	14:25	Baghabari-Shahjadpur 132 kV Ckt-2 Forced S/D from Shahjadpur 132/33kV end Due to Maintenance work	
	13:20	Chandpur 132/33kV S/S 402T (T-01) LT is restored.	
	13:20	Chandpur 132/33kV S/S 402T (T-01) HT is restored.	
13:22		Chandpur 132/33kV S/S 412T (T-2) LT Scheduled S/D Due to Reserve	
16:58	17:08	Pabna 132/33kV S/S T-1 LT Tripped showing E/F, O/C relays Due to Pailanpur & SQUARE 33 KV Feeder trip	30.0MW load interrup.
17:25	18:04	Bogura-Mahasthangarh 132 kV Ckt-1 Tripped from Mahasthangarh 132/33kV end showing No relays Due to Grid power fail.	120.0MW load interrup. Mahasthangarh 132/33kV end
17:25	18:04	Bogura-Mahasthangarh 132 kV Ckt-2 Tripped from Mahasthangarh 132/33kV end showing No relays Due to Grid power fail.	120.0MW load interrup. Mahasthangarh 132/33kV end
17:25	18:49	Bogura(New) South-Naogaon 132 kV Ckt-1 Tripped from Naogaon 230/132/33kV end showing Distance relay main 1 relays Due to Due to wire snapping. and from Bogura 230/132kV end showing no relays.	and 34.0MW load interrup. Bogura 230/132kV end
17:26		Full load interruption occurred under Bogura old, Mohasthangarh, Palashbari, Mithapukur, Rangpur, Kurigram & Lalmonirhat from 17:26hr to 17:55hr due to tripping of Bogura south 230/132kV T1,T2,T3,T4, Bogura south-Bogura old ckt-1&2 and Barapukuria 230/132kV T1 transformers as Bogura south-Confidence unit-2 132kV ckt. got snapped and fall on the Bogura south 132kV bus.	
17:26	20:03	Bogura South-Confidence 132 kV Ckt-1 Tripped from Bogura 230/132kV end showing no relays Due to due to cpbl 2 trip	112.0MW load interrup. Bogura 230/132kV end
17:26		Bogura(New) South-Naogaon 132 kV Ckt-2 Tripped from Bogura 230/132kV end showing no relays.	34.0MW load interrup. Bogura 230/132kV end
17:26	00:19	Bogura 230/132kV S/S 132KV Main 1 Tripped showing no relays Due to cpbl uperbus-2 cable brused n full in bus	
17:26	17:48	Sreepur 230/132/33kV S/S 132/33 kV T-1 LT Tripped showing FBCPU relays Due to df/dt	73.0MW load interrup.
17:26	18:26	Bogura 230/132kV S/S T-03 LT Tripped showing no relay relays Due to None	110.0MW load interrup.
17:26	18:16	Bogura 230/132kV S/S T-01 LT Tripped showing no relays Due to cpbl 2 upper bus conductor out	82.0MW load interrup.

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17:26	18:22	Bogura 230/132kV S/S T-02 LT Tripped showing no relays.	82.0MW load interrup.
17:26	18:26	Bogura 230/132kV S/S T-04 HT Tripped showing no relays.	110.0MW load interrup.
17:26	18:19	Bogura 230/132kV S/S T-04 LT Tripped showing no relays.	110.0MW load interrup.
17:26	18:20	Bogura-Bogura(New) South 132 kV Ckt-1 Tripped from Bogura 230/132kV end showing no relays.	215.0MW load interrup. Bogura 230/132kV end
17:26	18:24	Bogura-Bogura(New) South 132 kV Ckt-2 Tripped from Bogura 230/132kV end showing no relays.	215.0MW load interrup. Bogura 230/132kV end
17:26	19:04	Bogura(New) South-Bogura(Sherpur) 132 kV Ckt-1 Tripped from Bogura 230/132kV end showing no relays.	41.0MW load interrup. Bogura 230/132kV end
17:26	00:30	Bogura South-Confidence 132 kV Ckt-2 Tripped from Bogura 230/132kV end showing no relays Due to upper bus cable brused	90.0MW load interrup. Bogura 230/132kV end
17:26	18:50	Bogura(New) South-Bogura(Sherpur) 132 kV Ckt-2 Tripped from Bogura 230/132kV end showing no relays.	41.0MW load interrup. Bogura 230/132kV end
17:28	18:00	Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T LT Tripped showing Siemens Siprotec relays Due to Over current	100.0MW load interrup.
17:28	17:58	Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T HT Tripped showing Siemens Siprotec relays Due to HV O/C Trip	100.0MW load interrup.
17:30	18:37	Sherpur(Bogura)-Sirajganj 132 kV Ckt-1 Tripped from Sirajganj 132/33kV end showing QUADRAMHO SHPM- 101 (21) relays.	
17:32	18:02	Mahasthangar-Palashbari 132kV Ckt-2 Tripped from Palashbari 132/33kV end showing NOT OPERATED relays Due to BLACK OUT	110.0MW load interrup. Palashbari 132/33kV end
17:32	18:02	Mahasthangar-Palashbari 132kV Ckt-1 Tripped from Palashbari 132/33kV end showing NOT OPERATED relays.	110.0MW load interrup. Palashbari 132/33kV end
01:45		Meghnaghat CCPP(Summit), FGMO is OFF with remarks:-	
03:12	03:47	Chattak-Sunamganj 132 kV Ckt-1 Tripped from Sunamganj 132/33kV end showing REL670(Main 1 Protection-FN1) relays Due to Thunder strom	8.0MW load interrup. Sunamganj 132/33kV end
03:48		Chattak-Sunamganj 132 kV Ckt-2 Forced S/D from Sunamganj 132/33kV end Due to Chattak end pole discrepancy	
05:50		Ashuganj (South) 360 MW CCPP ST was synchronized.	
06:00		Minimum generation is 14045 MW.	
07:44		Khulna (C) S/S TR-1 425T HT Scheduled S/D Due to Annual maintenance.	
07:44		Khulna (C) S/S TR-1 425T LT Scheduled S/D Due to Annual maintenance.	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division