



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

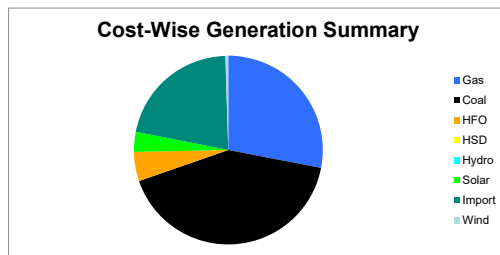
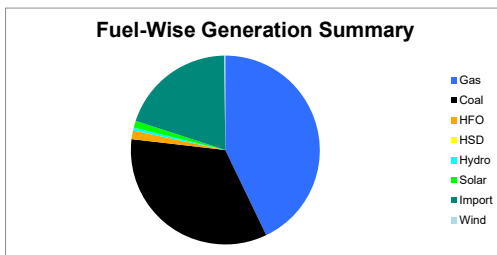
Date : 03-U1-zuz6

Power Supply Scenario

Day Peak Generation	9522.76	MW	12:00 Hr.	Energy Generated	214.68918	MKWHr.
Day Peak Demand	9522.76	MW	12:00 Hr.	Energy Unserverd	0.00000	MKWHr.
Evening Peak Generation	10806.5	MW	19:30 Hr.	Energy Demand	214.68918	MKWHr.
Evening Peak Demand	10806.5	MW	19:30 Hr.	Maximum Temperature	23.70	°C
Minimum Generation of the Day	6686.32	MW	05:00 Hr.	Total Gas Supplied	695.02	MMCFD
Maximum Generation of the Day	10806.5	MW	19:30 Hr.	Production Cost per KWHr	5.42725	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	23.13	0.00	1.61	0.00	0.00	0.13	0.00	0.00	24.87
Chattogram Zone	4.44	31.94	0.10	0.00	1.10	0.13	0.00	0.41	38.11
Cumilla Zone	22.17	0.00	0.09	0.00	0.00	0.19	2.13	0.00	24.58
Mymensingh Zone	3.64	0.00	1.33	0.00	0.00	0.06	0.00	0.00	5.03
Sylhet Zone	17.82	0.00	0.00	0.00	0.00	0.05	0.00	0.00	17.87
Khulna Zone	0.19	20.12	0.00	0.00	0.00	0.41	18.09	0.00	38.81
Barishal Zone	7.92	20.86	0.00	0.00	0.00	0.00	0.00	0.00	28.78
Rajshahi Zone	12.75	0.00	0.00	0.00	0.00	0.93	22.23	0.00	35.91
Rangpur Zone	0.00	0.00	0.06	0.00	0.00	0.67	0.00	0.00	0.73
Total	92.06	72.92	3.19	0.00	1.10	2.57	42.45	0.41	214.69



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	326546253.8	Hydro	110094
Coal	485659107.5	Solar	39815072.84
HFO	57903736.27	Import	249136081.4
HSD	0	Wind	6001680
Total:	116,51,72,025		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	18.092363	Peak Hr Flow	92.00 MW at 19:30 hrs
Energy Flow from West to East:	KWHr:	33721381.83	Import through Adani C/B Interconnector:	MKWHr:	22.231243	Peak Hr Flow	172.00 MW at 19:30 hrs
Flow during Peak Demand (W-E):	MW:	1982	Import through Cumilla C/B Interconnector:	MKWHr:	2.12544	Peak Hr Flow	06.00 MW at 19:30 hrs
Maximum Power Flow (W-E):	MW:	1996	Total Import through C/B Interconnector:	MKWHr:	42.449046	Peak Hr Flow	170.00 MW at 19:30 hr

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:30 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	3768
Chattogram	0	1147
Cumilla	0	941
Mymensingh	0	869
Sylhet	0	401
Khulna	0	1260
Barishal	0	329
Rajshahi	0	980
Rangpur	0	698
Total	0	10393

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
08:18	14:46	Benapole 132/33kV S/S Transformer-1(406T) LT Scheduled S/D Due to PBS Annual Maintenance	45.0MW load interrup.
08:18	14:47	Benapole 132/33kV S/S Transformer-2(416T) LT Scheduled S/D Due to PBS Annual Maintenance	45.0MW load interrup.
08:19	14:45	Benapole 132/33kV S/S Transformer-1(406T) HT Scheduled S/D Due to PBS Annual Maintenance	45.0MW load interrup.
08:19	14:45	Benapole 132/33kV S/S Transformer-2(416T) HT Scheduled S/D Due to PBS Annual Maintenance	45.0MW load interrup.



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08:29	16:36	Rajshahi 230/132/33kV S/S 230 Kv BIPTC Ckt-01 Scheduled S/D Due to A/M	
08:31	16:06	Mymensingh 132/33kV S/S Bus B Scheduled S/D Due to Project work.	
08:33	16:54	Jamalpur United(20MW)-Sherpur 132kV Ckt-1 Scheduled S/D from Sherpur 132/33kV end Due to Deadline checking.	
08:36	15:03	Mirzapur 132/33kV S/S Transformer-01(E05) LT Project Work S/D Due to Existing LILO IINEMirzapur grid Re-conducting	16.0MW load interrup.
08:36	15:15	Mirzapur 132/33kV S/S Transformer-02(E07) LT Project Work S/D Due to Existing LILO IINE Mirzapur grid Re-conducting	9.0MW load interrup.
08:37	15:33	Jhenaidah-Khulna 230kV Ckt-1 Scheduled S/D from Jhenaidah 230/132kV end Due to A/M and from Khulna(S) 230/132kV end Due to Annual Maintenance Work	
08:38	14:39	Mirzapur 132/33kV S/S Mirzapur-Tangail-ckt-2B(E03) Project Work S/D Due to Existing LILO IINEMirzapur grid Re-conducting	25.0MW load interrup.
08:38	14:39	Mirzapur 132/33kV S/S Mirzapur-Tangail-ckt-2A(E04) Project Work S/D Due to Existing LILO IINEMirzapur grid Re-conducting	25.0MW load interrup.
08:39	17:25	Pabna- Shahjadpur 132kV Ckt-1 Scheduled S/D from Shahjadpur 132/33kV end Due to annual maintenance and from Pabna 132/33kVend.	
08:39	15:38	Mirzapur 132/33kV S/S Mirzapur-Kaliakair-ckt-2A(E08) Project Work S/D Due to Existing LILO IINEMirzapur grid Re-conducting	25.0MW load interrup.
08:39	15:38	Mirzapur 132/33kV S/S Mirzapur-Kaliakair ckt-2B(E-09) Project Work S/D Due to Existing LILO IINEMirzapur grid Re-conducting	25.0MW load interrup.
08:40	16:58	Kallyanpur-Laibag 132kV Ckt-2 Scheduled S/D from Kallyanpur 132/33kV end Due to Deadline Check	
08:42	17:18	Gopalganj 400/132kV S/S 400kV Amtoli Ckt-2 Scheduled S/D	
08:43	14:38	Tangail 132/33kV S/S Kaliakair-2 Scheduled S/D Due to Maintenance.	
08:43	16:38	HVDC Bheramera- Rajshahi 230kV Ckt-1 Scheduled S/D from BIPTC end Due to Annual maintenance	
08:47	16:43	Jamalpur-Mymensingh 132kV Ckt-2 Scheduled S/D from Jamalpur 132/33kV end Due to 132kV bus Maintenance work purpose of Mymensingh grid substation. and from Mymensingh 132/33kV end Due to Project work.	
08:56	15:02	Mirzapur 132/33kV S/S Transformer-01(E05) HT Project Work S/D Due to Existing LILO IINEMirzapur grid Re-conducting	16.0MW load interrup.
08:56	14:43	Muradnagar 132/33kV S/S 132 KV Muradnagar- Kosba Ckt-02 Project Work S/D Due to Remove bird nest and other obstacles	
08:56	17:00	Agargaon 230/132kV S/S 132kV Transformer-1 (405T1) LT Scheduled S/D Due to Annual maintenance	
08:57	16:54	Agargaon 230/132kV S/S 132kV Transformer-1 (405T1) HT Scheduled S/D Due to Annual maintenance	
08:57	16:28	Bogura 132/33kV S/S Transformer-4 LT Scheduled S/D Due to Annual Maintenance	
08:57	16:28	Bogura 132/33kV S/S Transformer-4 HT Scheduled S/D Due to Annual Maintenance	
08:57	16:11	Chattak-Sylhet 132 kV Ckt-1 Scheduled S/D from Chhatak 132/33kV end Due to dead line checking and from Sylhet 132/33kV end Due to Dead line checking	
08:57	15:13	Mirzapur 132/33kV S/S Transformer-02(E07) HT Project Work S/D Due to Existing LILO IINEMirzapur grid Re-conducting	9.0MW load interrup.
09:00	16:35	Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Coxsbazar 132/33kV end Due to Maintenance and from Dohazari 132/33kV end Due to Annual Maintenance	and 10.0MW load interrup. Dohazari 132/33kV end
09:00	14:44	Kasba 132/33kV S/S Muradnagar-Kasba Ckt-2 Project Work S/D Due to Remove bird nest kites and other obstacles	
09:00	16:28	Chowmuhani-Feni 132 kV Ckt-1 Scheduled S/D from Chowmuhani 132/33kV end Due to Annual Maintenance. and from Daganbhuiyan 132/33kV end Due to Deadline Check	
09:01	16:10	Bagerhat 132/33kV S/S Transformer-1 (403T) LT Scheduled S/D Due to Yearly Maintenance work.	
09:01	13:40	Bogura 230/132kV S/S T-04 HT Scheduled S/D Due to Annual Maintenance	
09:01	13:40	Bogura 230/132kV S/S T-04 LT Scheduled S/D Due to Annual Maintenance	
09:02	16:09	Bagerhat 132/33kV S/S Transformer-1 (403T) HT Scheduled S/D Due to Yearly Maintenance work.	
09:04	16:48	Ruppur 132/11kV S/S TR-01 LT Scheduled S/D	
09:06	16:43	Ruppur 132/11kV S/S TR-01 HT Scheduled S/D	



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09:07	17:05	Fenchuganj -Sylhet 132kV Ckt-1 Scheduled S/D from Beanibazar 132/33kV end Due to 33kv bus 1 & 2 maintenance	44.0MW load interrupt. Beanibazar 132/33kV end
09:08	17:10	Fenchuganj-Sylhet (T at Bianibazar) 132kV Ckt-2 Scheduled S/D from Beanibazar 132/33kV end Due to 33kv bus 1 & 2 maintenance and from Fenchuganj 230/132/33kV end Due to Annual Maintenance	
09:10	14:03	Kachua 230/132/33kV S/S Main Bus-2 (132 kV) Scheduled S/D Due to Annual maintenance	
09:12	16:13	Brahmanbaria-Shahjibazar 132 kV Ckt-2 Scheduled S/D from Brahmanbaria 132/33kV end, and from Shahjibazar 132/33kV end Due to Shutdown for annual maintenance	
09:12	17:02	Sylhet (South) S/S Sylhet (S)-Fenchugonj 132KV Ckt-1 Scheduled S/D Due to For Fenchugonj grid schedule shutdown.	
09:13	17:02	Sylhet (South) S/S Sylhet (S)-Fenchugonj 132KV Ckt-2 Scheduled S/D Due to For Fenchugonj grid schedule shutdown.	
09:18	16:40	Dhamrai 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Annual maintenance	
09:19	16:37	Dhamrai 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual maintenance	
09:22	17:09	Aminbazar 400/230/132kV S/S Gopalganj-1 Scheduled S/D Due to Scheduled shutdown	
09:22	16:30	BIPTC S/S 20DF24 Forced S/D Due to Corrective maintenance due to trip	
09:23	17:07	Gopalganj 400/132kV S/S 400kV Aminbazar Ckt-1 Scheduled S/D	
09:29	16:05	Maniknagar-Narinda 132kV Ckt-1 Scheduled S/D from Maniknagar 132/33kV end Due to PT oil leakage repair (Blue phase)	
09:38	16:43	Tongi 230/132/33kV S/S T-02 LT Scheduled S/D Due to Annual Maintenance Work.	
09:38	16:43	Tongi 230/132/33kV S/S T-02 HT Scheduled S/D Due to Annual Maintenance Work	
09:39	13:49	Cumilla(N) 230/132/33kV S/S 230KV ATR-03 LT Scheduled S/D Due to Annual Maintenance work	
09:39	13:49	Cumilla(N) 230/132/33kV S/S 230KV ATR-03 HT Scheduled S/D Due to Annual Maintenance works	
09:42	17:18	Dhamrai-Kaliakoir 132 kV Ckt-1 Scheduled S/D from Dhamrai 132/33kV end Due to Annual maintenance	
10:09	14:57	Goalpara- Khulna (C) 132kV Ckt-1 Scheduled S/D from Goalpara 132/33kV end Due to Annual Maintenance and from Khulna (C) end Due to Annual maintenance	
10:16	16:47	Kulaura 132/33kV S/S TR-1 AB LT Scheduled S/D Due to PBS REB-1, REB-2 feeder & 33kv bus maintenance	18.0MW load interrupt.
10:16	16:53	Haripur-Madanganj 132kV Ckt-1 Scheduled S/D from Madanganj 132/33kV end Due to Annual maintenance and from Haripur 230/132kV end Due to Annual Maintenance	
10:17	16:46	Kulaura 132/33kV S/S TR-1 AB HT Scheduled S/D Due to PBS REB-1, REB-2 feeder & 33kv bus maintenance	18.0MW load interrupt.
10:25		Kodda-Rajendrapur 132kV Ckt-1 Scheduled S/D from Rajendrapur 132/33kV end Due to For yearly maintenance work.	
10:41		Joydebpur 132/33kV S/S 132kV Bus Forced S/D Due to Annual Maintenance	
10:47		Kodda 132/33kV S/S Summit 149 MW PS Scheduled S/D Due to Dead line check	
11:01	11:11	Ashuganj-Kishoreganj 132kV Ckt-2 Forced S/D from Kishoreganj 132/33kV end Due to By NLDC	
11:01	11:11	Ashuganj-Kishoreganj 132kV Ckt-1 Forced S/D from Kishoreganj 132/33kV end Due to By NLDC	
11:55	15:26	Keranigonj 230/132/33kV S/S 132 kV Lalbagh Ckt. 3 Project Work S/D Due to Line material checking for project work.	
12:00		Day Peak Generation: 9519 MW.	
13:20	14:48	Kaliakoir 400/230/132kV S/S 132kV Bus 2 Scheduled S/D Due to Maintenance.	
14:00		Kushiara 163MW CAPP ST was sync.	
14:55	16:35	Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Coxsbazar 132/33kV end Due to Maintenance	
	16:50	Meghnaghat-Shyampur 230kV Ckt-1 is restored.	
	16:50	Meghnaghat-Shyampur 230kV Ckt-1 is restored.	
	17:38	Rampura 230/132kV S/S Auto Transformer - 02 HT is restored.	
	17:40	Rampura 230/132kV S/S Auto Transformer - 02 LT is restored.	
	18:52	Ghorasal-Joydeb-B 132kV Ckt-2 is restored.	



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19:26		Bheramara 410 MW CAPP GT was syn.	
19:26		Bheramara 410 MW CAPP Synchronized with remarks:- GT	
19:26		Bheramara 410 MW CAPP GT Synchronized with remarks:- GTG has been synchronized with grid as per NLDC demand and ST start up process is on going	
19:30		Evening Peak Generation is 10806 MW	
21:29		Ashuganj CAPP 225 MW Synchronized with remarks:- GT	
21:29		Ashuganj 225 MW CAPP GT was sync.	
02:48		Ashuganj CAPP 225 MW Synchronized with remarks:- ST	
03:45		Bheramara 410 MW CAPP ST Synchronized with remarks:- STG has been synchronized with grid at 03:45 hrs on 04.01.2026 as per NLDC demand	
03:45		Bheramara 410 MW CAPP Synchronized with remarks:- ST	
04:38	04:45	Chowmuhani 132/33kV S/S TR3-435T LT Tripped showing O/C relays Due to 33kv kabirhat feeser fault	23.0MW load interrup.
04:38	04:45	Chowmuhani 132/33kV S/S TR2-425T HT Tripped showing E/F ,O/C relays Due to 33kv kabirhat feeder fault	23.0MW load interrup.
04:38	04:45	Chowmuhani 132/33kV S/S TR2-425T LT Tripped showing E/F,O/C relays Due to 33 kv kabirhat fault	23.0MW load interrup.
05:00		Minimum generation 6985 MW	
06:34		Bheramara 410 MW CAPP, FGMO is ON with remarks:- FGMO on at 06:22 hrs	
07:43		Aminbazar 400/230/132kV S/S Gopalganj-1 Scheduled S/D Due to Schedule shutdown	
07:43		Ghorasal-Joydeb-B 132kV Ckt-2 Scheduled S/D from Joydebpur 132/33kV end.	
07:45		Gopalganj 400/132kV S/S 400kV Aminbazar Ckt-1 Scheduled S/D	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division