



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

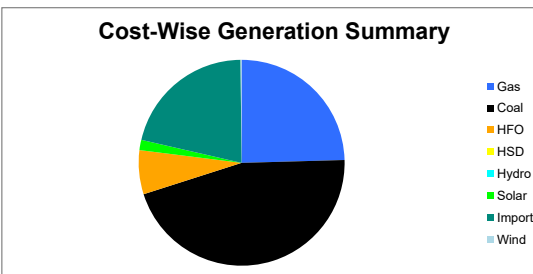
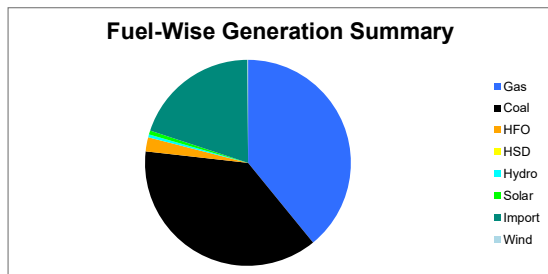
Date : 30-12-2025

Power Supply Scenario

Day Peak Generation	10528.08	MW	12:00 Hr.	Energy Generated	226.72257	MKWHr.
Day Peak Demand	10528.08	MW	12:00 Hr.	Energy Unserviced	0.00000	MKWHr.
Evening Peak Generation	10932.74	MW	19:00 Hr.	Energy Demand	226.72257	MKWHr.
Evening Peak Demand	10932.74	MW	19:00 Hr.	Maximum Temperature	23.40	°C
Minimum Generation of the Day	7190.83	MW	05:00 Hr.	Total Gas Supplied	646.83	MMCFD
Maximum Generation of the Day	10932.74	MW	19:00 Hr.	Production Cost per KWHr	5.50920	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	24.67	0.00	3.09	0.00	0.00	0.02	0.00	0.00	27.78
Chattogram Zone	4.14	37.69	0.07	0.00	1.05	0.09	0.00	0.12	43.18
Cumilla Zone	20.67	0.00	0.57	0.00	0.00	0.36	1.93	0.00	23.52
Mymensingh Zone	0.68	0.00	1.09	0.00	0.00	0.07	0.00	0.00	1.83
Sylhet Zone	19.95	0.00	0.00	0.00	0.00	0.03	0.00	0.00	19.98
Khulna Zone	0.00	22.08	0.00	0.00	0.00	0.39	18.55	0.00	41.02
Barishal Zone	5.72	25.06	0.00	0.00	0.00	0.00	0.00	0.00	30.77
Rajshahi Zone	12.77	0.00	0.00	0.00	0.00	0.18	24.62	0.00	37.57
Rangpur Zone	0.00	0.59	0.26	0.00	0.00	0.22	0.00	0.00	1.07
<b>Total</b>	<b>88.59</b>	<b>85.42</b>	<b>5.07</b>	<b>0.00</b>	<b>1.05</b>	<b>1.36</b>	<b>45.09</b>	<b>0.12</b>	<b>226.72</b>



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	306603780.3	Hydro	105276
Coal	568626773.5	Solar	20416184.9
HFO	85893514.95	Import	265586320.2
HSD	0	Wind	1828747.2
<b>Total:</b>	<b>124,90,60,596</b>		<b>Tk.</b>

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	18.546181	Peak Hr Flow	903.00 MW at 19:00 hrs.
Energy Flow from West to East:	KWHr:	36201781.82	Import through Adani C/B Interconnector:	MKWHr:	24.620727	Peak Hr Flow	279.94 MW at 19:00 hrs.
Flow during Peak Demand (W-E):	MW:	2143	Import through Cumilla C/B Interconnector:	MKWHr:	1.92672	Peak Hr Flow	92.00 MW at 19:00 hrs.
Maximum Power Flow (W-E):	MW:	2158	Total Import through C/B Interconnector:	MKWHr:	45.093628	Peak Hr Flow	274.94 MW at 19:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:00 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	3970
Chattogram	0	1128
Cumilla	0	930
Mymensingh	0	878
Sylhet	0	377
Khulna	0	1263
Barishal	0	315
Rajshahi	0	982
Rangpur	0	719
<b>Total</b>	<b>0</b>	<b>10562</b>

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	Bheramara 410 MW CCPP GT	278
2	Barapurkuria TPP Unit-2	85	2	Bheramara 410 MW CCPP ST	132
3	Siddhirgonj 210 MW TPP	115			
<b>Total</b>		<b>300</b>	<b>Total</b>		<b>410</b>
<b>Total Unavailable Capacity</b>			<b>710</b>		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:05	17:28	Gollamari 132/33kV S/S E01 Gollamari-Gopalgonj Line - 1 Scheduled S/D Due to Annual maintenance work.	
08:06	13:20	Hasnabad 230/132kV S/S Bus-1 Scheduled S/D Due to A/M	
08:06	17:29	Gollamari 132/33kV S/S E07 Gollamari-Gopalgonj Line - 2 Scheduled S/D Due to Annual maintenance work.	
08:07	17:24	Gopalganj 132/33kV S/S Gallamari-1 Scheduled S/D Due to yearly maintenance.	
08:07	17:27	Gopalganj 132/33kV S/S Gallamari-2 Scheduled S/D Due to yearly maintenance.	
08:24	16:54	Rangpur-Rangpur Confidence(100MW) 132kV Ckt-2 Project Work S/D from Rangpur 132/33kV end Due to Project Work	
08:35	15:39	Shahjibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to Annual Maintenance	
08:36	15:39	Shahjibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to Annual Maintenance	
08:41	15:58	Fenchuganj 230/132/33kV S/S AT-02 LT Scheduled S/D Due to Annual Maintenance	
08:41	15:58	Fenchuganj 230/132/33kV S/S AT-02 HT Scheduled S/D Due to Annual Maintenance	
08:43	17:01	Chattak-Sylhet 132 kV Ckt-1 Scheduled S/D from Chhatak 132/33kV end Due to Dead Line Cheaking. and from Sylhet 132/33kV end Due to Dead line checking .	
08:46	13:03	BIPTC S/S 10CF16 Tripped showing 87 relays Due to Summary Tripped	
08:48	15:28	Juldah-Shahmirpur 132kV Ckt-1 Scheduled S/D from Juldah 132/33kV end Due to annual maintenance and from Shahmirpur 132/33kV end Due to Schedule shutdown at Julda substation end.	



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08:49	18:20	Agargaon 230/132kV S/S Auxiliary Tr-1 HT Scheduled S/D Due to Annual Maintenance.	
08:49	18:20	Agargaon 230/132kV S/S Auxiliary Tr-1 LT Scheduled S/D Due to Annual Maintenance.	
08:50	18:19	Agargaon 230/132kV S/S 230kV Transformer-1 ( 705T1) LT Scheduled S/D Due to Annual Maintenance.	
08:50	18:19	Agargaon 230/132kV S/S 230kV Transformer-1 ( 705T1) HT Scheduled S/D Due to Annual Maintenance.	
08:50	17:33	Baghabari-Sirajganj 230 kV Ckt-2 Scheduled S/D from Sirajgonj 230 end Due to Annual Maintenance	
08:54	15:59	Haripur 230/132kV S/S Auto TR-3 HT Scheduled S/D Due to Annual Maintenance.	
08:54	16:04	Haripur 230/132kV S/S Auto TR-3 LT Scheduled S/D Due to Annual Maintenance.	
09:00	18:08	Benapole-Jashore 132 kV Ckt-2 Scheduled S/D from Benapole 132/33kV end Due to Annual maintenance and from Jashore 132/33kV end Due to Annual Maintenance	
09:02	16:14	Rajbari 132/33kV S/S Faridpur - 2 Scheduled S/D Due to Annual maintenance.	
09:03	16:30	Bogura-Mahasthangar (New)) 132 kV Ckt-2 Scheduled S/D from Mahasthangarh 132/33kV end Due to Annual Maintenance work . and from Bogura 132/33kV end Due to Annual Maintenance	
09:03	16:14	Faridpur 132/33kV S/S 132 KV Rajbari ckt-2 Scheduled S/D	
09:04	19:18	Ishurdi 132/33kV S/S 132/33 kV T-3 HT Project Work S/D	
09:11	16:44	Bhaluka 132/33kV S/S 02. Transformer- 02 HT Scheduled S/D Due to Annual maintenance work.	
09:11	16:47	Bhaluka 132/33kV S/S 02. Transformer- 02 LT Scheduled S/D Due to Annual maintenance work.	
09:12		Sirajgonj 225MW CCPP Unit-1, FGMO is OFF with remarks:-	
09:14	16:43	Brahmanbaria-Shahjibazar 132 kV Ckt-1 Scheduled S/D from Brahmanbaria 132/33kV end. and from Shahjibazar 132/33kV end Due to Annual Maintenance.	
09:24		Daganbhuiyan 132/33kV S/S Transformer-2 HT Project Work S/D Due to CNTIC project work	
09:30	17:38	Gopalganj 400/132kV S/S 400kV Amtoli Ckt-1 Scheduled S/D Due to Annual maintenance	
09:30	16:28	Cumilla(N) 230/132/33kV S/S 230KV ATR-03 HT Scheduled S/D	
09:30	16:29	Cumilla(N) 230/132/33kV S/S 230KV ATR-03 LT Scheduled S/D	
09:36	16:31	Jamalpur United(20MW)-Sherpur 132kV Ckt-1 Scheduled S/D from Sherpur 132/33kV end Due to Dead Line Checking.	
09:40	19:20	Ishurdi 132/33kV S/S 132/33 kV T-3 LT Project Work S/D	
09:43	15:57	Mymensingh RPCL-Tangail 132kV Ckt-2 Scheduled S/D from Ghatail 132/33kV end Due to Annual Maintenance	
09:44	15:56	Tangail 132/33kV S/S RPCL-2 Scheduled S/D Due to Annual Maintenance.	
09:49	13:11	Cumilla(S) 132/33kV S/S TR-4 LT Scheduled S/D Due to Red hot maintenance	17.0MW load interrupt.
09:49	13:11	Cumilla(S) 132/33kV S/S TR-4 HT Scheduled S/D	17.0MW load interrupt.
09:58	16:29	Jamalpur United (20MW)-Jamalpur 132kV Ckt-1 Scheduled S/D from Jamalpur 132/33kV end Due to Annual maintenance	
09:59	18:57	Ishurdi 132/33kV S/S 132 kV Bus-2 Project Work S/D	
10:12	17:50	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 Scheduled S/D Due to Loop change	
10:26	15:15	Chandina 132/33kV S/S TR-3 HT Scheduled S/D Due to Project maintenance work	6.0MW load interrupt.
10:26	15:15	Chandina 132/33kV S/S TR-3 LT Scheduled S/D Due to Project maintenance work	6.0MW load interrupt.
10:29	11:15	Khulna(S) 230/132kV S/S TR-1 LT Scheduled S/D	
10:30	11:14	Khulna(S) 230/132kV S/S TR-1 HT Scheduled S/D	
10:35	13:29	Ashuganj-Kishoreganj 132kV Ckt-1 Scheduled S/D from Kishoreganj 132/33kV end Due to Work by Bajitpur SS	
10:35	18:00	Savar 132/33kV S/S Main Bus-1 Scheduled S/D Due to Loop change & redhot maintenance	
10:50	13:03	BIPTC S/S 10CF16 Forced S/D Due to Corrective maintenance Due to trip	
11:26		Barapukuria unit-1 was shutdown due to superheater leakage.	
11:44	17:55	Kaliakoir 400/230/132kV S/S 132kV Bus 2 Forced S/D Due to Due to Bus DS Work	
12:00		Day Peak Generation is 10524 MW.	
12:06	13:10	KSRM 132/33kV S/S Transformer-01 HT Scheduled S/D Due to 33 KV Incoming CT Oil Leakage Check	
13:42	15:52	Ashuganj-Kishoreganj 132kV Ckt-2 Scheduled S/D from Kishoreganj 132/33kV end Due to Work by Bajitpur SS	
14:00	17:28	Rangpur 132/33kV S/S 33KV Bus Project Work S/D Due to 33 KV section -1 for STGEP Project demand	
	14:19	Chowmuhani-Feni 132 kV Ckt-1 is restored.	
	14:19	Chowmuhani-Feni 132 kV Ckt-1 is restored.	
	14:19	Chowmuhani-Feni 132 kV Ckt-1 is restored.	
	14:19	Chowmuhani-Feni 132 kV Ckt-1 is restored.	
14:22		Chowmuhani-Feni 132 kV Ckt-2 Project Work S/D from Chowmuhani 132/33kV end Due to Project	



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work and from Daganbhuiyan 132/33kV end Due to Instructions by Backup NLDC, S/D taken by Chowmuhani SS End

14:25	17:32	Rangpur 132/33kV S/S T-1(414T) LT Project Work S/D Due to Conductor Re-Conducting	
14:25	17:31	Rangpur 132/33kV S/S T-1(414T) HT Project Work S/D Due to Conductor Re-Conducting	
14:38	16:45	Kabirpur 132/33kV S/S XFR, T-2 LT Scheduled S/D Due to 33 kv Nabinagar feeder bus loop connector maintenance.	70.0MW load interrupt.
14:39	16:44	Kabirpur 132/33kV S/S XFR, T-2 HT Scheduled S/D Due to 33 kv Nabinagar feeder bus loop connector maintenance.	70.0MW load interrupt.
	15:07	Rajendrapur 132/33kV S/S 132 kV BUS-2 is restored.	
	15:22	Candpur- Kachua 132kV Ckt-1 is restored.	
15:43	18:10	Mirzapur 132/33kV S/S Mirzapur-Kaliakoir ckt-2B(E-09) Tripped showing R/Y/B Phase tripZ1/Z2 tripLCC Line VT (T5) MCB trip86.1 & 86.2 Lockout relay relays Due to R/Y/B Phase tripZ1/Z2 tripLCC Line VT (T5) MCB trip86.1 & 86.2 Lockout relay	120.0MW load interrupt.
15:43	18:10	Mirzapur 132/33kV S/S Mirzapur-Kaliakoir-ckt-2A(E08) Tripped showing R/Y/B Phase tripZ1/Z2 tripLCC Line VT (T5) MCB trip86.1 & 86.2 Lockout relay relays Due to R/Y/B Phase tripZ1/Z2 tripLCC Line VT (T5) MCB trip86.1 & 86.2 Lockout relay	
	16:14	Faridpur 132/33kV S/S 132 KV Rajbari ckt-2 is restored.	
	17:19	Khulna (C) S/S Tr-2 415 T HT is restored.	
	17:20	Khulna (C) S/S Tr-2 415 T LT is restored.	
	18:26	Aminbazar-Meghnaghat 400kV Ckt-1 is restored.	
19:00		Evening peak generation 10931 MW	
	20:08	Ishurdi 132/33kV S/S 132 KV Baghabari Line is restored.	
	20:49	Ghorasal- Ishwardi 230 kV Ckt-2 is restored.	
23:24		Bibiyana-III 400 MW CCPP Shutdown with remarks:- ST	
23:24		Bibiyana-3 400 MW CCPP ST was shut down.	
23:44		Bibiyana-III 400 MW CCPP Shutdown with remarks:- GT	
23:44		Bibiyana-3 400 MW CCPP was shutdown on 23:44 hrs for Major Inspection.	
05:00		Minimum Generation is 7088 MW.	
06:39		Khulna (C) S/S Tr-2 415 T LT Project Work S/D Due to G to G project work	
06:40		Khulna (C) S/S Tr-2 415 T HT Project Work S/D Due to G to G project work.	

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division