



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

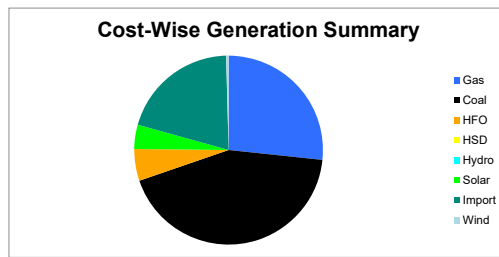
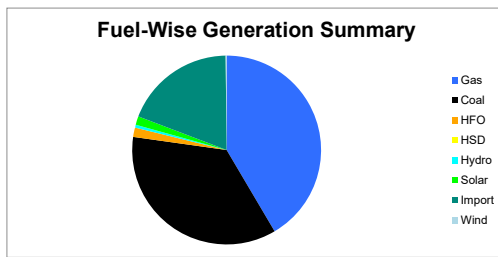
Date : 01-01-2020

Power Supply Scenario

Day Peak Generation	9683.67	MW	12:00 Hr.	Energy Generated	216.82210	MKWHr.
Day Peak Demand	9683.67	MW	12:00 Hr.	Energy Unserviced	0.00000	MKWHr.
Evening Peak Generation	10592.22	MW	18:00 Hr.	Energy Demand	216.82210	MKWHr.
Evening Peak Demand	10592.22	MW	18:00 Hr.	Maximum Temperature	23.40	°C
Minimum Generation of the Day	6599.78	MW	05:00 Hr.	Total Gas Supplied	701.35	MMCFD
Maximum Generation of the Day	10592.22	MW	18:00 Hr.	Production Cost per KWHr	5.50801	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	23.49	0.00	2.26	0.00	0.00	0.18	0.00	0.00	25.93
Chattogram Zone	4.52	36.19	0.00	0.00	1.10	0.12	0.00	0.33	42.27
Cumilla Zone	21.23	0.00	0.00	0.00	0.00	0.26	1.93	0.00	23.42
Mymensingh Zone	3.31	0.00	1.13	0.00	0.00	0.09	0.00	0.00	4.53
Sylhet Zone	16.51	0.00	0.00	0.00	0.00	0.02	0.00	0.00	16.53
Khulna Zone	0.00	20.07	0.00	0.00	0.00	0.48	17.75	0.00	38.30
Barishal Zone	8.18	21.23	0.00	0.00	0.00	0.00	0.00	0.00	29.41
Rajshahi Zone	12.72	0.00	0.00	0.00	0.00	1.20	21.63	0.00	35.56
Rangpur Zone	0.00	0.00	0.07	0.00	0.00	0.81	0.00	0.00	0.88
Total	89.96	77.50	3.46	0.00	1.10	3.16	41.31	0.33	216.82



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	318050264.8	Hydro	110070
Coal	515166904.2	Solar	49478358.81
HFO	64802270.58	Import	241736386.4
HSD	0	Wind	4914316.8
Total:	119,42,58,571		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	17.746909	Peak Hr Flow	892.00 MW at 18:00 hrs.
Energy Flow from West to East:	KWHr:	33016490.92	Import through Adani C/B Interconnector:	MKWHr:	21.632727	Peak Hr Flow	1162.52 MW at 18:00 hrs.
Flow during Peak Demand (W-E):	MW:	1783	Import through Cumilla C/B Interconnector:	MKWHr:	1.92768	Peak Hr Flow	100.00 MW at 18:00 hrs.
Maximum Power Flow (W-E):	MW:	2012	Total Import through C/B Interconnector:	MKWHr:	41.307316	Peak Hr Flow	2154.52 MW at 18:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (18:00 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	3812
Chattogram	0	1123
Cumilla	0	903
Mymensingh	0	863
Sylhet	0	403
Khulna	0	1283
Barishal	0	312
Rajshahi	0	979
Rangpur	0	766
Total	0	10444

Status of unavailable Power Plant

Planned S/D			Forced S/D		
SI	Plant Name	Capacity	SI	Plant Name	Capacity
1	Baghabari 100 MW GTPP	100	1	Bheramara 410 MW CCGP GT	278
2	Barapukuria TPP Unit-2	85	2	Bheramara 410 MW CCGP ST	132
3	Siddhirgonj 210 MW TPP	115			
Total			Total		
300			410		
Total Unavailable Capacity			710		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:05	15:25	Beanibazar 132/33kV S/S 132 KV Transformer TR-01 LT Scheduled S/D Due to Ten dalta test	
08:07	15:24	Beanibazar 132/33kV S/S 132 KV Transformer TR-01 HT Scheduled S/D Due to Ten dalta test	
08:18	09:46	Sonargaon 132/33kV S/S Tr-1 LT Scheduled S/D Due to Cable heat shrink of 33KV side underground cable	45.0MW load interrup.
08:19	09:46	Sonargaon 132/33kV S/S Tr-1 HT Scheduled S/D Due to Cable heat shrink of 33KV side underground cable.	45.0MW load interrup.
08:36	18:33	Ghorasal-Joydeb-B 132kV Ckt-2 Scheduled S/D from Joydebpur 132/33kV end Due to OPGW Stringing work.	



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

Date :	01-U1-2026		
08:39	17:22	Gopalganj 400/132kV S/S 400kV Amtoll Ckt-1 Scheduled S/D Due to Annual Maintenance	
08:45	13:35	Fenchuganj 230/132/33kV S/S AT-02 HT Scheduled S/D Due to Annual maintenance	
08:45	13:35	Fenchuganj 230/132/33kV S/S AT-02 LT Scheduled S/D Due to Annual maintenance	
08:47	16:58	Baghabari 230/132kV S/S T-2 Bank HT Forced S/D Due to T-02 Bank এর B-কাজের Oil সিকেন্স বন্ধ করার জন্য।	
08:47	16:58	Baghabari 230/132kV S/S T-2 Bank LT Forced S/D Due to T-02 Bank এর B-কাজের Oil সিকেন্স বন্ধ করার জন্য।	
08:49	16:02	Benapole-Jashore 132 kV Ckt-2 Scheduled S/D from Benapole 132/33kV end Due to annual maintenance work. and from Jashore 132/33kV end Due to Annual Maintenance	
08:52	16:08	Gulsan-Rampura 132kV Ckt-2 Scheduled S/D from Rampura 230/132kV end Due to Annual Maintenance and from Gulshan 132/33kVend.	
08:55	15:02	Aminbazar-Keraniganj 230kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Deadline Checking and Disc Cleaning and from Keraniganj 230/132/33kV end Due to Annual maintenance work	
09:08	14:54	Brahmanbaria-Shahjibazar 132 kV Ckt-1 Scheduled S/D from Shahjibazar 132/33kV end Due to Shutdown for annual maintenance and from Brahmanbaria 132/33kVend.	
09:14	17:39	Chowmuhani-Feni 132 kV Ckt-1 Scheduled S/D from Daganbhuiyan 132/33kV end Due to Deadline Checkout and from Chowmuhani 132/33kV end Due to Annual Maintenance	
09:18	18:51	Tongi 230/132/33kV S/S 132 kV Bus-2 Scheduled S/D Due to bus extension work by PSCD	
09:31	14:24	Sreepur 230/132/33kV S/S 132 kV BUS-1 Scheduled S/D Due to DS maintenance work	
09:32	17:53	Ashuganj-Brahmanbaria 132kV Ckt-2 Scheduled S/D from Brahmanbaria 132/33kV end.	
09:34	12:38	Bhaluka 132/33kV S/S Sreepur Ckt- 01 Scheduled S/D Due to Shutdown taken by Shripur grid	30.0MW load interrupt.
09:35	17:40	Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to Annual Maintenance	10.0MW load interrupt. Dohazari 132/33kV end
09:35	17:06	Mymensingh RPCL-Tangail 132kV Ckt-2 Scheduled S/D from Ghatail 132/33kV end Due to annual maintenance	
09:35	09:59	Barishal 230/132kV S/S T-5 LT Scheduled S/D Due to Bus section -C and Mehendigonj feeder source DS repair by BPBS-1	30.0MW load interrupt.
09:35	10:58	Barishal 230/132kV S/S T-5 HT Scheduled S/D Due to Bus section -C and Mehendigonj feeder source DS repair by BPBS-1	30.0MW load interrupt.
09:36	12:36	Sreepur 230/132/33kV S/S Sreepur-Valuka Ckt-1 Scheduled S/D Due to DS Repair	
09:36	17:05	Tangail 132/33kV S/S RPCL-2 Scheduled S/D Due to Schedule S/D	
09:38	14:53	Rampura 230/132kV S/S Auto Transformer - 03 HT Scheduled S/D Due to shutdown taken by SPMD to relay work.	
09:40	14:54	Rampura 230/132kV S/S Auto Transformer - 03 LT Scheduled S/D Due to shutdown taken by SPMD to relay work.	
09:40	18:11	Chapai 132/33kV S/S T-2 (415T) HT Project Work S/D Due to T-02 CB change S/D exact time 28/12/2025 at 9:40	
09:45	16:12	Bogura-Mahasthangar (New)) 132 kV Ckt-2 Scheduled S/D from Mahasthangarh 132/33kV end Due to Due to Annual Maintenance work. and from Bogura 132/33kV end Due to ALDC shutdown.	
09:45	16:02	Madartek-Rampura 132kV Ckt-1 Scheduled S/D from Rampura 230/132kV end Due to shutdown taken by NLDC to Madartek end SS works.	
09:50	17:38	Baghabari-Sirajganj 230 kV Ckt-2 Scheduled S/D from Sirajganj 230 end Due to Annual Maintenance and from Baghabari 230/132kV end Due to বিদ্যমান পাওয়ার কাজ করার জন্য।	
09:58	17:33	Tongi 230/132/33kV S/S 230 kV Bus-1 Scheduled S/D Due to Annual maintenance work	
09:58	17:28	Tongi 230/132/33kV S/S T-03 HT Scheduled S/D Due to Only HV side shutdown CB-822B open only	
10:00	14:22	Panchagarh 132/33kV S/S T-3(A+B)(427T) LT Forced S/D Due to T3 33kV Redhot Maintenance	
10:00	11:52	Sreepur 230/132/33kV S/S 132/33 kV T-2 HT Scheduled S/D Due to DS repair work.	
10:01	14:22	Panchagarh 132/33kV S/S T-3(A+B)(427T) HT Forced S/D Due to T3 33kV Redhot Maintenance	
10:08	12:47	Ishurdi 230/132kV S/S 230/132 kV T-01 LT Forced S/D Due to Due to High voltage in B-Phase.	
10:08	12:47	Ishurdi 230/132kV S/S 230/132 kV T-01 HT Forced S/D Due to Due to High voltage in B-Phase.	
10:22	17:23	Kaliakoir 400/230/132kV S/S Bibiyana1 Scheduled S/D Due to Annual Maintenance	



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

Date :	01-U1-ZUZ6		
10:42	11:32	BIPTC S/S 20DF24 Scheduled S/D Due to Corrective maintenance	
11:06	13:28	BIPTC S/S 10CF16 Scheduled S/D Due to for corrective maintenance	
12:00		Day peak generation: 9684 MW	
12:08		Rajendrapur 132/33kV S/S MTR-2 LT Project Work S/D Due to Sreepur Bay extension work at busbar-01	
12:09		Rajendrapur 132/33kV S/S MTR-2 HT Project Work S/D Due to Sreepur Bay extension work at busbar-01	
12:14		Rajendrapur 132/33kV S/S 132 kV BUS-1 Project Work S/D Due to Sreepur Bay extension work at busbar-01	
13:05	15:25	Kaliakoir 400/230/132kV S/S 400kV Bus 1 Scheduled S/D Due to None	
13:16	14:02	Sreepur 230/132/33kV S/S 230/132 kV T-1 HT Project Work S/D Due to PSDC ATR-3 Installation work	
13:20	17:45	Meghnaghat-Shyampur 230kV Ckt-1 Scheduled S/D from Meghnaghat 400/230kV end Due to Maintenance work	
13:30	17:46	Meghnaghat-Shyampur 230kV Ckt-1 Scheduled S/D from Shyampur 230/132kV end Due to Disc Cleaning	
14:15		Kushiara 163MW CCPP GT tripped.	
14:41	15:48	Sonargaon 132/33kV S/S Tr-1 LT Scheduled S/D Due to PBS 33kV side heat shrink work of underground cable.	45.0MW load interrupt.
14:41	15:47	Sonargaon 132/33kV S/S Tr-1 HT Scheduled S/D Due to PBS 33kV side heat shrink work of underground cable	45.0MW load interrupt.
14:44	16:01	Kodda-Rajendrapur 132kV Ckt-1 Tripped from Rajendrapur 132/33kV end showing EF 67N relays Due to Project work fault in Bus 1 & 2. Suspected mis operation in new bay extension part.	110.0MW load interrupt. Rajendrapur 132/33kV end
14:44	16:03	Rajendrapur 132/33kV S/S MTR-1 HT Tripped showing No relay signal, only breaker trip due to BBP trip signal relays Due to Project work fault in Bus 1 & 2. Suspected mis operation in new bay extension part.	48.0MW load interrupt.
14:44	16:06	Rajendrapur 132/33kV S/S MTR-3 HT Tripped showing No relay shown except BBP trip relays Due to Project work fault in Bus 1 & 2. Suspected mis operation in new bay extension part.	62.0MW load interrupt.
	16:07	Savar 132/33kV S/S T-1 HT is restored.	
	16:22	Savar 132/33kV S/S T-1 LT is restored.	
	16:55	Chattak-Sylhet 132 kV Ckt-1 is restored.	
	17:18	Rangpur-Rangpur Confidence(100MW) 132kV Ckt-1 is restored.	
18:00		Day Peak Generation: 10591 MW.	
	18:02	Aminbazar-Meghnaghat 400kV Ckt-2 is restored.	
	18:06	Khulna (C) S/S Tr-2 415 T HT is restored.	
	18:06	Daganbhuiyan 132/33kV S/S Transformer-2 HT is restored.	
	18:07	Khulna (C) S/S Tr-2 415 T LT is restored.	
20:05	20:42	Ashuganj-Brahmanbaria 132kV Ckt-2 Tripped from Brahmanbaria 132/33kV end showing Distance Relay relays.	
20:22		Kushiara 163MW CCPP GT was sync.	
23:13		Siddhirganj 335 MW CCPP was shutdown due to the borescope inspection.	
00:10		Siddhirganj 230/132kV S/S 335MW EGCB 1 Scheduled S/D Due to emergency maintenance work perform by egcb side	
00:22		Meghnaghat 450 MW CCPP (MPL) Synchronized with remarks:- GT-2	
01:01		Meghnaghat-Shyampur 230kV Ckt-2 Tripped from Meghnaghat 400/230kV end showing DFDR relays Due to None	
03:29		Meghnaghat 450 MW CCPP (MPL) Synchronized with remarks:- ST	
04:12	04:24	Meghnaghat-Shyampur 230kV Ckt-1 Tripped from Meghnaghat 400/230kV end showing DFDR relays Due to None	290.0MW load interrupt. Meghnaghat 400/230kV end
05:00		Minimum Generation = 6976 MW.	



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

Date :

01-U1-ZUZ6

- 07:10 Juldah 132/33kV S/S 133/33 KV T-2 416T HT Forced S/D Due to due to intermittent flashing at R-phase CT.
- 07:12 Mymensingh 132/33kV S/S 50 MW Solar Plant Scheduled S/D Due to Project work.
- 07:13 Khulna (C) S/S Tr-2 415 T HT Project Work S/D Due to G TO G project work piling.
- 07:13 Khulna (C) S/S Tr-2 415 T LT Project Work S/D Due to G TO G project work piling G.
- 07:20 Meghnaghat-Shyampur 230kV Ckt-2 Scheduled S/D from Shyampur 230/132kV end Due to Disc Cleaning at Tower No 22 & 23
- 07:22 Rampura 230/132kV S/S Auto Transformer - 02 LT Scheduled S/D
- 07:23 Rampura 230/132kV S/S Auto Transformer - 02 HT Scheduled S/D
- 07:23 Ghorasal-Joydeb-B 132kV Ckt-2 Scheduled S/D from Joydebpur 132/33kV end Due to OPGW wire stringing.
- 07:46 Mymensingh 132/33kV S/S Bus A Scheduled S/D Due to Project work.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division