



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

Date : 03-12-2020

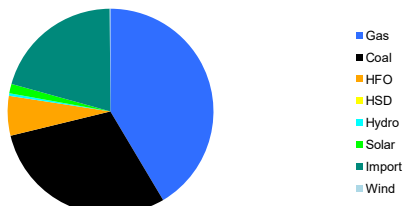
Power Supply Scenario

Day Peak Generation	10095.01	MW	12:00 Hr.	Energy Generated	229.47991	MKWHr.
Day Peak Demand	10095.01	MW	12:00 Hr.	Energy Unserverd	0.00000	MKWHr.
Evening Peak Generation	11133.48	MW	18:00 Hr.	Energy Demand	229.47991	MKWHr.
Evening Peak Demand	11133.48	MW	18:00 Hr.	Maximum Temperature	27.70	°C
Minimum Generation of the Day	7537.5	MW	04:00 Hr.	Total Gas Supplied	715.65	MMCFD
Maximum Generation of the Day	11133.48	MW	18:00 Hr.	Production Cost per KWHr	5.93605	Tk.

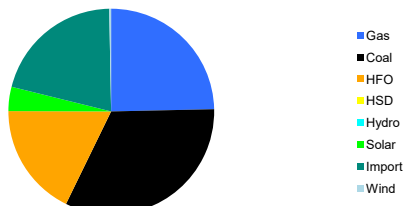
Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	26.20	0.00	6.25	0.00	0.00	0.15	0.00	0.00	32.60
Chattogram Zone	5.37	14.31	3.12	0.00	0.93	0.13	0.00	0.29	24.14
Cumilla Zone	19.11	0.00	2.77	0.00	0.00	0.35	2.23	0.00	24.46
Mymensingh Zone	0.61	0.00	1.31	0.00	0.00	0.24	0.00	0.00	2.15
Sylhet Zone	20.76	0.00	0.00	0.00	0.00	0.04	0.00	0.00	20.80
Khulna Zone	4.40	23.11	0.00	0.00	0.00	0.40	19.36	0.00	47.27
Barishal Zone	5.50	29.54	0.00	0.00	0.00	0.00	0.00	0.00	35.04
Rajshahi Zone	13.22	0.00	0.39	0.00	0.00	1.09	25.56	0.00	40.26
Rangpur Zone	0.00	1.31	0.52	0.00	0.00	0.93	0.00	0.00	2.76
Total	95.16	68.28	14.35	0.00	0.93	3.31	47.15	0.29	229.48

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	335615660.4	Hydro	93300
Coal	444186175.7	Solar	52111738.52
HFO	242575730.7	Import	283356986.1
HSD	0	Wind	4264723.2
Total:	136,22,04,314		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	19.364363	Peak Hr Flow	1.00 MW at 18:00 hr
Energy Flow from West to East:	KWHr:	52131236.37	Import through Adani C/B Interconnector:	MKWHr:	25.56	Peak Hr Flow	88.08 MW at 18:00 h
Flow during Peak Demand (W-E):	MW:	2580	Import through Cumilla C/B Interconnector:	MKWHr:	2.22912	Peak Hr Flow	8.00 MW at 18:00 hrs
Maximum Power Flow (W-E):	MW:	2844	Total Import through C/B Interconnector:	MKWHr:	47.153483	Peak Hr Flow	57.08 MW at 18:00 h

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

Zone	Load-Shed	Demand
Dhaka	0	4161
Chattogram	0	1251
Cumilla	0	909
Mymensingh	0	809
Sylhet	0	400
Khulna	0	1242
Barishal	0	290
Rajshahi	0	988
Rangpur	0	778
Total	0	10828

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			Total
		300			0
Total Unavailable Capacity			300		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:05	14:48	Bheramara(GK) 132/33kV S/S TR-3 LT Scheduled S/D Due to Annual Maintenance	
08:07	14:46	Bheramara(GK) 132/33kV S/S TR-3 HT Scheduled S/D Due to Annual Maintenance	
08:17	17:39	Natore 132/33kV S/S TR-2 (415 T) LT Scheduled S/D Due to Annual maintenance.	
08:18	17:38	Natore 132/33kV S/S TR-2 (415 T) HT Scheduled S/D Due to Annual maintenance.	
08:18	16:43	Rahanpur 132/33kV S/S Rahanpur-1 Scheduled S/D Due to Annual Maintenance	
08:18	16:42	Rahanpur 400/132kV S/S Rahanpur-Chowdala 132 KV Line Ckt-01 Scheduled S/D Due to S/D taken by ALDC BOGURA, Due to Maintenance work.	
08:20	15:20	Aminbazar 400/230/132kV S/S 230/132kv Tr-02 LT Scheduled S/D Due to Annual Maintenance	
08:20	15:15	Aminbazar 400/230/132kV S/S 230/132kv Tr-02 HT Scheduled S/D Due to Annual Maintenance	
08:24	17:36	Gopalganj- Gopalganj(N) 132kV Ckt-2 Scheduled S/D from Gopalganj 400/132kV end Due to Maintenance at Gopalgani ss and from Gopalganj 132/33kV end Due to Annual Maintenance	
08:25	13:56	Halishahar-Khulshi 132kV Ckt-1 Scheduled S/D from Khulshi 132/33kV end Due to Annual Deadline Checking	
08:26	13:57	Rampur 230/132/33 S/S Khulshi-1 Scheduled S/D Due to annual maintenance	
08:26	14:46	Jamalpur United(20MW)-Sherpur 132kV Ckt-1 Scheduled S/D from Sherpur 132/33kV end Due to Annual Maintenance	
08:27	18:40	Cumilla(S) 132/33kV S/S TR-3 HT Scheduled S/D Due to Annual Maintenance	
08:27	18:41	Cumilla(S) 132/33kV S/S TR-3 LT Scheduled S/D Due to Annual Maintenance	
08:28	18:20	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) LT Scheduled S/D Due to Annual Maintenance work.	



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08:29	17:09	Barapukuria-Bogura 230 kV Ckt-2 Scheduled S/D from Bogura 230/132kV end.	
08:29	18:18	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT Scheduled S/D Due to Annual Maintenance work.	
08:38	16:47	Rajshahi 230/132/33kV S/S 132 kV Main BUS-01 Scheduled S/D Due to Annual Maintenance.	
08:40	16:04	Ishwardi-Natore 132kV Ckt-1 Scheduled S/D from Ishurdi 132/33kV end Due to a/m	
08:41	13:44	Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-1 Scheduled S/D Due to Annual Maintenance	
08:42	20:26	Bhulta-Ghorasal 230 kV Ckt-1 Scheduled S/D from Bhulta 400/230kV end Due to By direction of NLDC	
08:44	17:49	Kabirpur - Manikganj 132kV Ckt-2 Scheduled S/D from Manikganj 132/33kV end Due to Annual Maintenance work.	
08:44	16:28	Rangpur 132/33kV S/S T-1(414T) LT Scheduled S/D Due to Annual Maintenance work	
08:44	20:28	Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end Due to By direction of NLDC	
08:45	16:26	Rangpur 132/33kV S/S T-1(414T) HT Scheduled S/D Due to ANNUAL MAINTENANCE	
08:47	17:07	Cox'sbazar-Dohazari 132 kV Ckt-2 Scheduled S/D from Dohazari 132/33kV end Due to Annual maintenance. and from Coxsbazar 132/33kV end Due to Annual maintenance.	
08:50	17:07	Barapukuria-Bogura 230 kV Ckt-1 Scheduled S/D from Barapukuria 230/132/33kV end Due to Annual maintenance. and from Bogura 400/230kV end Due to Annual Maintenance	
08:52	16:29	Mymensingh RPCL-Tangail 132kV Ckt-2 Scheduled S/D from Ghatail 132/33kV end Due to Annual Maintenance and from Muktagacha 132/33kV end Due to Deadline Checking	
09:03	11:01	Bhaluka 132/33kV S/S BR Powergen Ckt- 02 Scheduled S/D Due to Annual maintenance at bus 2.	
09:06	16:44	Kishoreganj 132/33kV S/S Tr-3 (424T) LT Scheduled S/D Due to Annual Maintenance work	
09:07	16:40	Kishoreganj 132/33kV S/S Tr-3 (424T) HT Scheduled S/D Due to Annual maintenance Work	
09:10	15:41	Jhenaidah 132/33kV S/S Jhenaidah1-Jhenaidah2,132kV Circuit-3(L5) Scheduled S/D Due to Annual maintenance	
09:11	15:41	Jhenaidah-Jhenaidah(New) 132kV Ckt-3 Scheduled S/D from Jhenaidah 230/132kV end Due to Annual Maintenance	
09:14	12:41	Kasba 132/33kV S/S Muradnagar-Kasba Ckt-1 Project Work S/D Due to SCADA integration	
09:15	12:38	Muradnagar 132/33kV S/S 132 KV Muradnagar- Kosba Ckt-01 Scheduled S/D Due to project work	
09:20	16:44	Kallyanpur 132/33kV S/S Reserve bus Scheduled S/D Due to Annual Maintenance	
09:25	16:20	Bhaluka 132/33kV S/S Bus B Scheduled S/D Due to Annual maintenance work.	
09:27	17:34	Hathazari 230/132/33kV S/S MT-03 LT Scheduled S/D Due to Annual Maintenance	
09:28	17:34	Hathazari 230/132/33kV S/S MT-03 HT Scheduled S/D Due to Annual Maintenance	
09:29	16:54	Sreemongol 132/33kV S/S 132/33kV T-1AB LT Scheduled S/D Due to Annual Maintenance	
09:30	16:52	Sreemongol 132/33kV S/S 132/33kV T-1AB HT Scheduled S/D Due to Annual Maintenance	
09:46	14:27	Kodda 132/33kV S/S Tr-4 (436T) LT Scheduled S/D Due to Annual maintenance	
09:53	12:59	BIPTC S/S 20DF24 Scheduled S/D Due to shutdown is taken by annual maintenance.	
10:18		Meghnaghat 450 MW CCPP (MPL) Shutdown with remarks:- ST	
10:18		Meghnaghat 450 MW CCPP ST and GT-2 was shutdown at 10:18 and 10:19 hrs respectively.	
10:19		Meghnaghat 450 MW CCPP (MPL) Shutdown with remarks:- GT2	
10:30	18:27	Rangpur 132/33kV S/S Rangpur-GTPS Project Work S/D Due to Piling work	
10:57	12:59	Rampura 230/132kV S/S Auto Transformer - 04 LT Scheduled S/D Due to scada integration	
10:58	12:59	Rampura 230/132kV S/S Auto Transformer - 04 HT Scheduled S/D Due to scada integration	
11:00	17:01	Mithapukur 132/33kV S/S TR-2 (414T) LT Tripped showing 86C Relay, NON DIR O/C PRONT OPTD, R & B PHASE OPTD. relays Due to 33kv bus PT blast.	10.0MW load interrupt.
11:01	12:03	Chhatak 132/33kV S/S T-1 HT Forced S/D Due to 132 kv DS (401S) Cleaning	
11:04	14:51	Bhaluka 132/33kV S/S BR Powergen Ckt- 01 Scheduled S/D Due to Annual maintenance	
11:12	14:34	Mirzapur 132/33kV S/S Transformer-01(E05) HT Scheduled S/D Due to annual maintenance	10.0MW load interrupt.
11:12	14:34	Mirzapur 132/33kV S/S Transformer-01(E05) LT Scheduled S/D Due to Annual Maintenance 2025	10.0MW load interrupt.
12:29		SS Power Tripped	
	12:30	Sylhet 132/33kV S/S T4 LT is restored.	
	12:30	Sylhet 132/33kV S/S T4 HT is restored.	
	12:43	Chhatak 132/33kV S/S Bus A is restored.	
12:44	13:45	Kasba 132/33kV S/S Muradnagar-Kasba Ckt-2 Project Work S/D Due to Scada Integration	
12:47	13:43	Muradnagar 132/33kV S/S 132 KV Muradnagar- Kosba Ckt-02 Project Work S/D Due to SCADA INTEGRATION	
	12:57	Chhatak 132/33kV S/S T-2 HT is restored.	
	12:58	Chhatak 132/33kV S/S T-2 LT is restored.	
13:03		Ashuganj South 360 MW CCPP ST tripped.	
13:03		Ashuganj 450 MW CCPP(South) Tripped with remarks:- ST	



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13:10	Ashuganj 450 MW CCPP(South) Synchronized	
14:03	16:21 Bhaluka 132/33kV S/S 03. Transformer-03 HT Scheduled S/D Due to Annual maintenance	
14:41	17:13 Kasba 132/33kV S/S TR-1 LT Project Work S/D Due to Scada Integration	5.0MW load interrupt.
14:43	17:12 Kasba 132/33kV S/S TR-1 HT Project Work S/D Due to Scada Integration	
14:46	17:03 Jamalpur United (20MW)- Sherpur 132kV Ckt-2 Scheduled S/D from Sherpur 132/33kV end Due to Annual Maintenance	
14:54	16:23 Bhaluka 132/33kV S/S 03. Transformer-03 LT Scheduled S/D Due to Annual maintenance	
15:02	16:26 Hasnabad 132/33kV S/S 132/33kV 424 T-5 HT Scheduled S/D Due to Test purpose	
15:02	16:26 Hasnabad 132/33kV S/S 132/33kV 424 T-5 LT Scheduled S/D Due to Test purpose	
	15:18 Barishal 132/33kV S/S 132 kv GTPS is restored.	
15:20	18:22 Bashundhara-Tongi 132 kv Ckt-2 Scheduled S/D from Tongi 230/132/33kV end.	
15:20	18:22 Tongi 230/132/33kV S/S T-3 HT Scheduled S/D	
15:20	18:22 Tongi 230/132/33kV S/S T-3 LT Scheduled S/D	
	15:53 Barishal 132/33kV S/S 132 kv Summit power is restored.	
15:55	At Khustia SS, 132 KV new Bus coupler breaker is Charged.	
16:27	18:50 Hasnabad 132/33kV S/S 132/33kV 414 T-2 LT Scheduled S/D Due to Test purpose	
16:27	18:50 Hasnabad 132/33kV S/S 132/33kV 414 T-2 HT Scheduled S/D Due to Test purpose	
	17:07 Goalpara- Khulna (C) 132kV Ckt-1 is restored.	
	17:21 Bhulta 400/230kV S/S ATR-01 HT is restored.	
	17:30 Hasnabad 230/132kV S/S AUTO TR-2 HT is restored.	
	17:31 Hasnabad 230/132kV S/S AUTO TR-2 LT is restored.	
18:00	Evening Peak Generation: 11133 MW.	
22:58	Ashuganj 450 MW CCPP(South) Synchronized with remarks:- ST	
03:04	SS Power Synchronized	
05:00	Minimum generation: 7557 MW	
06:21	Goalpara- Khulna (C) 132kV Ckt-2 Project Work S/D from Goalpara 132/33kV end.	
06:32	Goalpara- Khulna (C) 132kV Ckt-2 Project Work S/D from Khulna (C) end Due to For G to G project work.	
07:16	Sylhet 132/33kV S/S T4 LT Scheduled S/D Due to Yearly Maintenance	
07:17	Hasnabad 230/132kV S/S AUTO TR-2 LT Scheduled S/D Due to annual maintenance	
07:17	Hasnabad 230/132kV S/S AUTO TR-2 HT Scheduled S/D Due to annual maintenance	
07:17	Sylhet 132/33kV S/S T4 HT Scheduled S/D Due to Yearly Maintenance	
07:31	Barishal 132/33kV S/S 132 kv GTPS Scheduled S/D Due to Due to annual maintenance work	
07:34	Niamatpur 132/33kV S/S Transformer-1(407T) HT Scheduled S/D Due to T-1 33 kV 2 nos DS Replacement	
07:34	Niamatpur 132/33kV S/S Transformer-1(407T) LT Scheduled S/D Due to T-1 33kV 2 Nos DS Replacement	
07:38	Chhatak 132/33kV S/S T-2 LT Scheduled S/D Due to Annual Maintenance Work.	
07:38	Chhatak 132/33kV S/S T-2 HT Scheduled S/D Due to Annual Maintenance Work.	
07:41	Chhatak 132/33kV S/S Bus A Scheduled S/D Due to Annual Maintenance Work.	
07:51	Rangpur 132/33kV S/S Rangpur-GTPS Project Work S/D Due to Gantry piling work	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division