



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

Date : 06-01-2020

Power Supply Scenario

Day Peak Generation	10551.06	MW	12:00 Hr.	Energy Generated	229.74293	MKW/ Hr.
Day Peak Demand	10551.06	MW	12:00 Hr.	Energy Unserviced	0.00000	MKW/ Hr.
Evening Peak Generation	11123.27	MW	19:00 Hr.	Energy Demand	229.74293	MKW/ Hr.
Evening Peak Demand	11123.27	MW	19:00 Hr.	Maximum Temperature	20.20	°C
Minimum Generation of the Day	7255.55	MW	05:00 Hr.	Total Gas Supplied	736.73	MMCFD
Maximum Generation of the Day	11123.27	MW	19:00 Hr.	Production Cost per KW/ Hr	5.60102	Tk.

Zone-wise Generation Summary (MKW/ Hr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	24.33	0.00	4.23	0.00	0.00	0.04	0.00	0.00	28.60
Chattogram Zone	4.25	39.64	0.85	0.00	1.11	0.13	0.00	0.49	46.47
Cumilla Zone	22.40	0.00	1.28	0.00	0.00	0.39	2.38	0.00	26.45
Mymensingh Zone	2.45	0.00	1.13	0.00	0.00	0.13	0.00	0.00	3.71
Sylhet Zone	19.03	0.00	0.00	0.00	0.00	0.04	0.00	0.00	19.07
Khulna Zone	8.03	16.11	0.00	0.00	0.00	0.16	9.44	0.00	33.75
Barishal Zone	8.13	23.23	0.00	0.00	0.00	0.00	0.00	0.00	31.36
Rajshahi Zone	13.36	0.00	0.02	0.00	0.00	0.39	25.79	0.00	39.55
Rangpur Zone	0.00	0.00	0.22	0.00	0.00	0.57	0.00	0.00	0.79
Total	101.99	78.98	7.73	0.00	1.11	1.84	37.61	0.49	229.74



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	358567196.1	Hydro	110748
Coal	521573446.2	Solar	28373325.21
HFO	132227039.6	Import	238775989.7
HSD	0	Wind	7166712
Total:	128,67,94,456		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KW/ Hr:	0	Import through HVDC C/B Interconnector:	MKW/ Hr:	9.439272	Peak Hr Flow	07.00 MW at 19:00 hrs
Energy Flow from West to East:	KW/ Hr:	6818909.1	Import through Adani C/B Interconnector:	MKW/ Hr:	25.793938	Peak Hr Flow	56.97 MW at 19:00 hr
Energy Flow during Peak Demand (W-E):	MW:	1879	Import through Cumilla C/B Interconnector:	MKW/ Hr:	2.37504	Peak Hr Flow	04.00 MW at 19:00 hrs
Maximum Power Flow (W-E):	MW:	1968	Total Import through C/B Interconnector:	MKW/ Hr:	37.60825	Peak Hr Flow	67.97 MW at 19:00 hr

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

Zone	Load-Shed	Demand
Dhaka	0	3961
Chattogram	0	1108
Cumilla	0	902
Mymensingh	0	902
Sylhet	0	396
Khulna	0	1323
Barishal	0	321
Rajshahi	0	1037
Rangpur	0	743
Total	0	10693

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		
Total Unavailable Capacity			300		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:15	17:58	Rampura 230/132kV S/S Aux Transformer-01 LT Scheduled S/D Due to Annual Maintenance on ATR-04	
08:18	17:58	Rampura 230/132kV S/S Auto Transformer - 04 LT Scheduled S/D Due to Annual Maintenance	
08:18	17:58	Rampura 230/132kV S/S Auto Transformer - 04 HT Scheduled S/D Due to Annual Maintenance	
08:18	18:04	Rampura 230/132kV S/S NLDC Trafo LT Scheduled S/D Due to Annual Maintenance on ATR-04	
08:18	18:04	Rampura 230/132kV S/S NLDC Trafo HT Scheduled S/D Due to Annual Maintenance on ATR-04	
08:24	18:08	Hasnabad-Shyampur 230kV Ckt-1 Scheduled S/D from Shyampur 230/132kV end Due to Deadline	



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	checking and annual maintenance and from Hasnabad 230/132kV end Due to Annual maintenance
08:28	16:20 Halishahar 132/33kV S/S 415T(TR-2) HT Project Work S/D Due to Due to Transformer painting and maintenance work by ESPNER Project.
08:29	15:50 Aminbazar 400/230/132kV S/S Gopalganj-2 Scheduled S/D Due to Annual maintenance
08:34	16:06 Magura-Narail 132kV Ckt-1 Scheduled S/D from Narail 132/33kV end Due to Annual maintenance and from Magura 132/33kV end Due to For Annual Maintenance.
08:35	17:58 Rampura 230/132kV S/S Aux Transformer-01 HT Scheduled S/D Due to Annual Maintenance on ATR-04
08:38	17:47 Jhenaidah-Khulna 230kV Ckt-2 Scheduled S/D from Jhenaidah 230/132kV end Due to Annual Maintenance. and from Khulna(S) 230/132kVend.
08:41	17:55 Bibiyana-Fenchuganj 230 kV Ckt-1 Scheduled S/D from Fenchuganj 230/132/33kV end Due to deadline cheaking
08:42	17:31 Aminbazar-Kaliakoir 230kV Ckt-1 Scheduled S/D from Kaliakoir 400/230/132kV end Due to Deadline checking .
08:50	16:44 Brahmanbaria-Shahjibazar 132 kV Ckt-2 Scheduled S/D from Shahjibazar 132/33kV end Due to Annual Maintenance. and from Brahmanbaria 132/33kVend.
08:54	15:47 Siddhirganj 132/33kV S/S 132kV MTR 2 Scheduled S/D Due to Annual Maintenance Works
08:56	17:56 Aminbazar-Airport(Old) 230kV Ckt-1 Scheduled S/D from Agargaon 230/132kV end Due to Annual Maintenance (Deep Cleaning of Insulator)
09:02	16:27 Bagerhat 132/33kV S/S Transformer-2 (413 T) LT Scheduled S/D Due to Yearly maintenance
09:05	19:28 Bogura-Sirajganj 230 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Annual Maintenance
09:05	15:30 Chowmuhani-Feni 132 kV Ckt-2 Scheduled S/D from Feni 132/33kV end Due to for annual maintenance. and from Feni 230/132kV end Due to Feni 132kV end annual maintenance.
09:08	17:40 Bhaluka 132/33kV S/S BR Powergen Ckt- 01 Scheduled S/D Due to Annual maintenance
09:09	17:45 Bhaluka 132/33kV S/S BR Powergen Ckt- 02 Scheduled S/D Due to Annual Maintenance
09:12	16:27 Bagerhat 132/33kV S/S Transformer-2 (413 T) HT Scheduled S/D Due to Yearly maintenance
09:13	17:15 Mirpur 132/33kV S/S T1 HT Scheduled S/D Due to Annual Maintenance
09:13	17:22 Mirpur 132/33kV S/S T1 LT Scheduled S/D Due to Annual Maintenance
09:18	16:25 Sylhet 132/33kV S/S T1 LT Scheduled S/D Due to Due to Ten delta Test
09:18	16:42 Jhenaidah 132/33kV S/S Transformer T-2 LT Scheduled S/D Due to Annual maintenance
09:19	16:41 Jhenaidah 132/33kV S/S Transformer T-2 HT Scheduled S/D Due to Annual maintenance
09:20	16:25 Sylhet 132/33kV S/S T1 HT Scheduled S/D Due to Due to Ten delta Test
09:23	18:12 Siddhirganj-Ullon (T at Maniknagar) 132kV Ckt-1 Scheduled S/D from Siddhirganj 132/33kV end Due to Maintenance work by NLDC
09:24	12:38 Chhatak 132/33kV S/S T-3 LT Scheduled S/D Due to H.Oil Leakage Repare of T-3 132 kv GCB
09:24	12:37 Chhatak 132/33kV S/S T-3 HT Scheduled S/D Due to H.Oil Leakage Repare of T-3 132 kv GCB
09:28	17:06 Gopalganj 400/132kV S/S 400kV Amtoli Ckt-2 Scheduled S/D Due to Annual Maintenance
09:28	17:06 Gopalganj 400/132kV S/S 400kV Aminbazar Ckt-2 Scheduled S/D
09:30	15:42 Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Cox'sbazar 132/33kV end Due to Annual maintenance and from Dohazari 132/33kV end Due to Annual maintenance.
09:30	16:03 Dhamrai-Kaliakoir 132 kV Ckt-1 Scheduled S/D from Dhamrai 132/33kV end Due to Annual Maintenance and from Kaliakoir 400/230/132kV end Due to Deadline checking by Dhamrai End.
09:35	21:11 Shahjadpur-Ullahpara 132kV Ckt-1 Scheduled S/D from Ullahpara 132/33kV end Due to Annual Maintenance work to Shahjadpur end. and from Shahjadpur 132/33kV end Due to Annual Maintenance
09:36	16:50 Tongji 230/132/33kV S/S T-01 HT Scheduled S/D Due to Annual maintenance work
09:36	16:52 Tongji 230/132/33kV S/S T-01 LT Scheduled S/D Due to Annual maintenance work
09:38	Kabirpur 132/33kV S/S XFR, T-2 LT Scheduled S/D Due to Annual maintenance
09:39	Kabirpur 132/33kV S/S XFR, T-2 HT Scheduled S/D Due to Annual maintenance
09:44	17:06 Mymensingh RPCL-Tangail 132kV Ckt-1 Scheduled S/D from Ghatail 132/33kV end Due to dead line checking and from Muktagacha 132/33kV end Due to S/D by Ghatail S/S
09:44	Bheramara 410 MW CAPP, FGMO is OFF with remarks:-



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09:47	17:14	Mirpur 132/33kV S/S Main Bus Scheduled S/D Due to Annual Maintenance	
10:09	19:41	Fatullah-Shyampur(New) 132 kV Ckt-1 Scheduled S/D from Fatullah 132/33kV end Due to Maintenance work	
10:13	15:03	Majidee 132/33kV S/S TR-01 HT Project Work S/D Due to Line parameter test for project work.	
10:14	15:05	Majidee 132/33kV S/S Tr-02 HT Project Work S/D Due to Line parameter test for project work.	
10:14	11:27	BIPTC S/S 10CF11 Forced S/D Due to Shutdown is taken for emergency maintenance work	
10:15	14:54	Majidee 132/33kV S/S Chowmuhoni-Majidee ckt -01 Project Work S/D Due to Line parameter test for project work.	
10:37	14:58	Majidee 132/33kV S/S Chowmuhoni-Majidee ckt -02 Project Work S/D Due to Line parameter test for project work.	
10:51	14:35	Lakshnipur 132/33kV S/S Lakshnipur-Chowmuhani Circuit 1 Project Work S/D Due to Line Parameter Measurement	
10:52	15:33	Gopalganj 400/132kV S/S ATR-03 LT Project Work S/D Due to Fire Fitting testing & Commissioning.	
10:53	16:49	Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-1 Scheduled S/D Due to Kaliakoir ckt-01 shutdown due to annual maintenance	
11:12	15:32	Gopalganj 400/132kV S/S ATR-03 HT Project Work S/D Due to Fire Fitting testing & Commissioning.	
11:29	16:43	Siddhirganj 132/33kV S/S 120MW EGCB GT1 Forced S/D Due to Maintenance Works EGCB ends	
12:00		Day Peak Generation: 10546 MW.	
12:10		Ghorasal- Ishwardi 230 kV Ckt-2 Scheduled S/D from Ghorashal 230kV end Due to Maintenance and from Ishurdi 230/132kVend.	
12:26	19:15	Naogaon-Niyamatpur 132kV Ckt-1 Project Work S/D from Niyamatpur 132/33kV end Due to (Project Work) As per the instruction of Bogura ALDC. and from Naogaon 132/33kV end Due to Project work.	
12:33	14:40	Nawabganj 132/33kV S/S TR-1 LT Forced S/D Due to Oil REFILLING	
12:34	14:39	Nawabganj 132/33kV S/S TR-1 HT Forced S/D Due to OIL REFILLING	
13:00		Rampal 1320 MW (BIFPCL) Synchronized with remarks:- U2	
	14:00	Rajendrapur 132/33kV S/S 132 kV BUS-1 is restored.	
14:21	15:40	Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to Annual maintenance.	
14:22	14:35	Keranigonj 230/132/33kV S/S TR-1 LT Tripped showing Siprotec 7UT612 relays Due to 33kV feeder fault	31.0MW load interrupt.
14:32		Rajendrapur 132/33kV S/S 132 kV BUS-2 Project Work S/D Due to Bus-1 shutdown restored and Bus-2 shutdown taken for Bus-2 extension part maintenance work.	
14:40		Chandpur 132/33kV S/S 422T(T-5) LT Forced S/D Due to PT MCB Trip	
	14:40	Chandpur 132/33kV S/S 402T (T-01) LT is restored.	
17:16	17:24	Chhatak 132/33kV S/S Bus-B Forced S/D Due to Emergency shutdown required BUS-B due to kite stuck in BUS-B PT.	
	17:18	Kurigram-Laimonirhat 132kV Ckt-1 is restored.	
	17:22	Mirpur 132/33kV S/S T1 LT is restored.	
	18:10	Ghorasal-Joydeb-B 132kV Ckt-2 is restored.	
19:00		Evening peak generation 11121 MW	
05:00		Minimum Generation is 7120 MW	
07:31		Shyampur 230/132kV S/S 230 kV APR (D04) Scheduled S/D Due to for Dead Line checking	
07:31		APR-Hasnabad 230kV Ckt-2 Scheduled S/D from Hasnabad 230/132kV end Due to Annual Maintenance	
07:48		Bibiyana-Fenchuganj 230 kV Ckt-2 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Deadline Checking	
07:58		Khulshi-Madunaghat 132kV Ckt-2 Scheduled S/D from Khulshi 132/33kV end.	



Date : 06-01-2026
Network Operation Division

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