



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

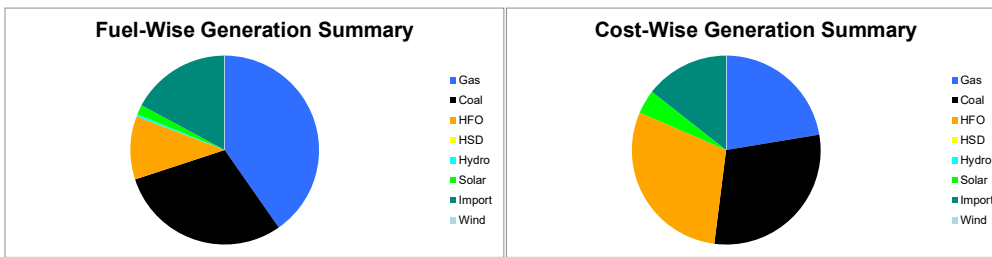
Date : 28-11-2020

Power Supply Scenario

Day Peak Generation	10751.14	MW	12:00 Hr.	Energy Generated	244.84800	MKWHr.
Day Peak Demand	11304.14	MW	12:00 Hr.	Energy Unservrd	5.80600	MKWHr.
Evening Peak Generation	11159	MW	19:30 Hr.	Energy Demand	250.65400	MKWHr.
Evening Peak Demand	11679	MW	19:30 Hr.	Maximum Temperature	29.20	°C
Minimum Generation of the Day	8034.27	MW	05:00 Hr.	Total Gas Supplied	741.17	MMCFD
Maximum Generation of the Day	11159	MW	19:30 Hr.	Production Cost per KWHr	6.40253	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	25.68	0.00	8.64	0.00	0.00	0.19	0.00	0.00	34.50
Chattogram Zone	4.83	36.93	6.89	0.00	0.97	0.15	0.00	0.02	49.80
Cumilla Zone	21.13	0.00	4.49	0.00	0.00	0.46	2.77	0.00	28.84
Mymensingh Zone	0.38	0.00	1.40	0.00	0.00	0.28	0.00	0.00	2.06
Sylhet Zone	19.35	0.00	0.00	0.00	0.00	0.07	0.00	0.00	19.42
Khulna Zone	4.52	14.01	0.34	0.00	0.00	0.48	21.62	0.00	40.97
Barishal Zone	8.65	20.43	1.00	0.00	0.00	0.00	0.00	0.00	30.08
Rajshahi Zone	14.19	0.00	2.16	0.00	0.00	1.24	17.54	0.00	35.12
Rangpur Zone	0.00	1.24	1.67	0.00	0.00	1.13	0.00	0.00	4.04
Total	98.72	72.62	26.59	0.00	0.97	4.00	41.92	0.02	244.85



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	350497786.8	Hydro	97200
Coal	464918126.1	Solar	63635585.11
HFO	462705691.9	Import	225489324
HSD	0	Wind	303614.4
Total:	156,76,47,328		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.617454	Peak Hr Flow	893.00 MW at 19:30 hrs.
Energy Flow from West to East:	KWHr:	33424874.01	Import through Adani C/B Interconnector:	MKWHr:	17.53943107	Peak Hr Flow	765.00 MW at 19:30 hrs.
Power during Peak Demand (W-E):	MW:	1597	Import through Cumilla C/B Interconnector:	MKWHr:	2.76576	Peak Hr Flow	124.00 MW at 19:30 hrs.
Maximum Power Flow (W-E):	MW:	1979	Total Import through C/B Interconnector:	MKWHr:	41.92264507	Peak Hr Flow	1782.00 MW at 19:30 hrs.

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

Zone	Load-Shed	Demand
Dhaka	115	4349
Chattogram	0	1221
Cumilla	8	1000
Mymensingh	56	998
Sylhet	31	400
Khulna	137	1232
Barishal	36	322
Rajshahi	65	1047
Rangpur	50	728
Total	498	11297

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			
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
08:11	17:18	Cumilla(N)-Cumilla(S) 132 kV Ckt-3 Scheduled S/D from Cumilla(S) 132/33kV end Due to Annual Maintenance	
08:25	14:55	Madartek-Rampura 132kV Ckt-2 Scheduled S/D from Rampura 230/132kV end Due to Annual Maintenance	
08:29	15:51	Payra 400/132/33kV S/S 400/132/33 kV Auto Transformer-02 HT Scheduled S/D Due to Annual Maintenance	
08:29	15:50	Payra 400/132/33kV S/S 400/132/33 kV Auto Transformer-02 LT Scheduled S/D Due to Annual Maintenance	



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08:41	15:37	Daudkandi-Sonargaon 132 kV Ckt-2 Scheduled S/D from Daudkandi 132/33kV end Due to 132 KV Sonargaon-2 Line Shutdown for annual maintenance work
08:42	15:51	BIPTC S/S Baharampur-4 Scheduled S/D Due to Annual Maintenance
08:44	14:49	Madanganj-Munshiganj 132 kV Ckt-2 Project Work S/D from Madanganj 132/33kV end. and from Munshiganj 132/33kV end Due to Insulator Replacement
08:46	14:47	Kabirpur -Tongi 132kV Ckt-2 Scheduled S/D from Tongi 230/132/33kV end Due to Shutdown taken by Kabirpur
08:47	16:57	Gollamari 132/33kV S/S E01 Gollamari-Gopalgonj Line - 1 Scheduled S/D Due to Annual Maintenance work
08:47	17:00	Gollamari 132/33kV S/S E07 Gollamari-Gopalgonj Line - 2 Scheduled S/D Due to Annual Maintenance work
08:48	16:59	Gopalgonj 132/33kV S/S Gallamari-1 Scheduled S/D Due to Annual maintenance
08:48	17:03	Gopalgonj 132/33kV S/S Gallamari-2 Scheduled S/D Due to Annual maintenance
08:57	16:41	Fenchuganj-Fenchuganj 132 kV Ckt-2 Scheduled S/D from Fenchuganj 230/132/33kV end Due to For deadline checking
09:00	15:16	Gopalgonj 400/132kV S/S 230kV Faridpur CKT-01 Scheduled S/D
09:00	15:39	Daudkandi-Sonargaon 132 kV Ckt-2 Forced S/D from Sonargaon 132/33kV end Due to According to NLDC instruction.
09:01	15:16	Faridpur 132/33kV S/S 230kV Faridpur-Gopalgonj CKT-1 Scheduled S/D
09:01	17:40	Aminbazar-Meghnaghat 400kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Disc cleaning and from Meghnaghat 400/230kV end Due to None
09:08	15:20	Meghnaghat-Shyampur 230kV Ckt-1 Scheduled S/D from Meghnaghat 400/230kV end Due to Annual Maintenance work and from Shyampur 230/132kV end Due to Annual maintenance work at Meghnaghat SS and insulator disc cleaning at tower no 22 an 23.
09:29	17:12	Bibiyana-Shahjibazar 230 kV Ckt-1 Scheduled S/D from Bibiana 400/230kV end.
09:34	17:53	Sirajganj-Sreepur 230 kV Ckt-1 Scheduled S/D from Sirajgonj 230 end Due to Annual Maintenance
09:43	14:37	Baroaulia-Hathazari 132 kV Ckt-1 Scheduled S/D from Baroaulia 132/33kV end Due to Annual maintenance
09:46	17:52	Sreepur 230/132/33kV S/S Sreepur-Sirajganj Ckt-1 Scheduled S/D Due to Annual Maintenance (Dead Line Check)
10:00	14:35	Baroaulia-Hathazari 132 kV Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end.
10:15	14:28	Chowmuhani-Feni 132 kV Ckt-1 Project Work S/D from Feni 230/132kV end Due to Line parameter test and from Daganbhuiyan 132/33kV end Due to Parameter test
10:40	15:05	Shahmirpur-Sikabaha 132kV Ckt-1 Scheduled S/D from Shahmirpur 132/33kV end Due to annual maintenance
	10:58	Khulna(S) 230/132kV S/S TR-1 HT is restored.
11:01		Kabirpur-Kaliakoir 132kV Ckt-1 Scheduled S/D from Kaliakoir 400/230/132kV end Due to Annual Maintenance.
	11:06	Khulna(S) 230/132kV S/S TR-1 LT is restored.
11:22		Kaliakoir 400/230/132kV S/S 132kV Bus 2 Scheduled S/D Due to Annual Maintenance.
11:26	19:21	Kasba 132/33kV S/S TR-1 LT Project Work S/D
11:26	19:21	Kasba 132/33kV S/S TR-1 HT Project Work S/D
12:10	14:02	Muradnagar 132/33kV S/S 132 KV Muradnagar- Kosba Ckt-01 Project Work S/D Due to Maintenance Work
12:14	14:03	Kasba 132/33kV S/S Muradnagar-Kasba Ckt-1 Project Work S/D Due to check phase sequence
	12:52	BSRM 230/33kV S/S 230/33 kV Transformer-3 (125/140 MVA) HT is restored.
	13:38	Chowmuhani-Feni 132 kV Ckt-2 is restored.
	13:38	Chowmuhani-Feni 132 kV Ckt-2 is restored.
14:38	17:35	Chowmuhani-Feni 132 kV Ckt-1 Scheduled S/D from Daganbhuiyan 132/33kV end Due to Project work and from Chowmuhani 132/33kV end Due to Request by Daganbhuiyan Grid
14:48	17:50	Kabirpur -Tongi 132kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Annual maintenance by kabirpur grid
14:58	17:45	Chowmuhani-Feni 132 kV Ckt-2 Scheduled S/D from Daganbhuiyan 132/33kV end Due to Project work and from Chowmuhani 132/33kV end Due to Request by Daganbhuiyan Grid



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15:14	17:18	Niamatpur 132/33kV S/S Transformer-2 (417T) LT Tripped showing OC/ Earth fault relays.	
	15:31	BSRM-Cumilla(N) 230 kV Ckt-1 is restored.	
	15:50	Madanganj 132/33kV S/S GT-2 HT is restored.	
	15:56	Madanganj 132/33kV S/S GT-2 LT is restored.	
	16:54	Rajshahi 132/33kV S/S Transformer T-2(415T) HT is restored.	
	16:56	Rajshahi 132/33kV S/S Transformer T-2(415T) LT is restored.	
	17:10	Maniknagar-Siddhirganj 230kV Ckt-2 is restored.	
	17:12	Maniknagar 230/132kV S/S Auto Transformer-02 (715T) HT is restored.	
	17:17	Maniknagar 230/132kV S/S Auto Transformer-02 (715T) LT is restored.	
	17:22	Purbasadipur 132/33kV S/S T-3 Transformer (423T) HT is restored.	
	17:44	Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT is restored.	
19:05	19:20	Shahjibazar 132/33kV S/S TR-02 LT Tripped showing Gen. Trip, Non Dir OC DMT Trip. relays Due to Shaistaganj Feeder Flashing.	8.0MW load interrupt.
05:00		Minimum Generation is 8151 MW	
07:46		Khulshi 132/33kV S/S 405T (T1) HT Scheduled S/D Due to 132/33kV TR-01 given Shutdown due to Annual maintenance work.	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division