



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

Date : 31-U1-ZU26

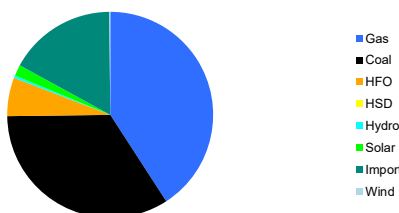
Power Supply Scenario

Day Peak Generation	10202.18	MW	12:00 Hr.	Energy Generated	234.57776	MKWHr.
Day Peak Demand	10274.18	MW	12:00 Hr.	Energy Unserved	0.75000	MKWHr.
Evening Peak Generation	11900.14	MW	19:00 Hr.	Energy Demand	235.32776	MKWHr.
Evening Peak Demand	11980.14	MW	19:00 Hr.	Maximum Temperature	27.70	°C
Minimum Generation of the Day	7599	MW	05:00 Hr.	Total Gas Supplied	753.63	MMCFD
Maximum Generation of the Day	11900.14	MW	19:00 Hr.	Production Cost per KWHr	5.84484	Tk.

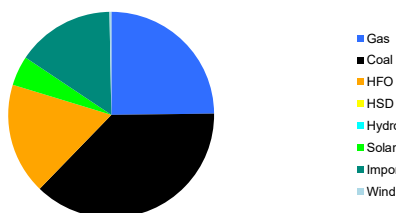
Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	28.10	0.00	5.54	0.00	0.00	0.20	0.00	0.00	33.84
Chattogram Zone	4.59	36.82	2.93	0.00	0.96	0.05	0.00	0.27	45.63
Cumilla Zone	20.23	0.00	2.49	0.00	0.00	0.41	2.62	0.00	25.76
Mymensingh Zone	0.28	0.00	1.49	0.00	0.00	0.28	0.00	0.00	2.04
Sylhet Zone	16.69	0.00	0.00	0.00	0.00	0.06	0.00	0.00	16.75
Khulna Zone	5.92	13.00	0.09	0.00	0.00	0.53	21.58	0.00	41.12
Barishal Zone	6.99	28.56	0.18	0.00	0.00	0.00	0.00	0.00	35.74
Rajshahi Zone	13.03	0.00	0.84	0.00	0.00	1.38	15.50	0.00	30.75
Rangpur Zone	0.00	1.27	0.58	0.00	0.00	1.09	0.00	0.00	2.95
Total	95.83	79.65	14.14	0.00	0.96	4.01	39.71	0.27	234.58

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	340545445.2	Hydro	96000
Coal	512479274.6	Solar	63595447.06
HFO	239681353.7	Import	210634208.2
HSD	0	Wind	4038777.6
Total:	137,10,70,506		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.582545	Peak Hr Flow	3.00 MW at 19:00 hr
Energy Flow from West to East:	KWHr:	35927673.99	Import through Adani C/B Interconnector:	MKWHr:	15.500727	Peak Hr Flow	2.44 MW at 19:00 hr
Flow during Peak Demand (W-E):	MW:	1476	Import through Cumilla C/B Interconnector:	MKWHr:	2.62464	Peak Hr Flow	6.00 MW at 19:00 hr
Maximum Power Flow (W-E):	MW:	2089	Total Import through C/B Interconnector:	MKWHr:	39.707912	Peak Hr Flow	71.44 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	22	4340
Chattogram	0	1193
Cumilla	0	970
Mymensingh	55	1003
Sylhet	0	414
Khulna	0	1305
Barishal	0	323
Rajshahi	0	1117
Rangpur	0	789
Total	77	11454

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	Patenga 50MW PP (Baraka)	50
2	Barapukuria TPP Unit-2	85			
3	Siddhirgonj 210 MW TPP	115			
Total			Total		
300			50		
Total Unavailable Capacity			350		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:02		Chandpur 132/33kV S/S 402T (T-01) LT is restored.	
08:02		Ashuganj CAPP 225 MW Synchronized with remarks:- STG (False SMS)	
08:05	12:58	Chandpur 132/33kV S/S 422T(T-5) HT Scheduled S/D Due to Maintenance (CPBS-2)	16.0MW load interrupt.
08:05	12:58	Chandpur 132/33kV S/S 422T(T-5) LT Scheduled S/D Due to Maintenance (CPBS-2)	16.0MW load interrupt.
08:05	12:58	Chandpur 132/33kV S/S 33 kV T-2 section Scheduled S/D Due to Maintenance (CPBS-2)	8.0MW load interrupt.
08:05		Chandpur 132/33kV S/S 412T (T-2) HT Scheduled S/D Due to Maintenance (CPBS-2)	8.0MW load interrupt.
08:05	12:58	Chandpur 132/33kV S/S 33 kV T-5 section Scheduled S/D Due to Maintenance (CPBS-2)	16.0MW load interrupt.
08:05	12:58	Chandpur 132/33kV S/S 412T (T-2) LT Scheduled S/D Due to Maintenance (CPBS-2)	8.0MW load interrupt.
08:09	14:07	Khulshi 132/33kV S/S 415T (T2) HT Scheduled S/D Due to Annual maintenance	
08:18		Gallamari- Khulna (S) 132kV Ckt-1 Scheduled S/D from Gollamari 132/33kV end Due to None and from Khulna(S) 230/132kV end Due to OPGW Work	
08:22	20:57	Aminbazar-Airport(Old) 230kV Ckt-1 Scheduled S/D from Agargaon 230/132kV end Due to Annual maintenance	
08:22	11:23	Chuadanga 132/33kV S/S 132kV Tr. T2(426T) LT Scheduled S/D Due to 33kV Bus Maintenance.	32.0MW load interrupt.



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08:22	11:22	Chuadanga 132/33kV S/S 132kV Tr. T2(426T) HT Scheduled S/D Due to 33kV Bus Maintenance.	32.0MW load interrupt.
08:23	11:24	Chuadanga 132/33kV S/S 132kV Tr. T3 LT Scheduled S/D Due to 33kV Bus Maintenance.	32.0MW load interrupt.
08:23	11:24	Chuadanga 132/33kV S/S 132kV Tr. T3 HT Scheduled S/D Due to 33kV Bus Maintenance.	32.0MW load interrupt.
08:26	14:06	Bakulia-Sikalbaha 132 kV Ckt-1 Scheduled S/D from Bakulia 132/33kV end Due to Annual Maintenance.	
08:26	17:19	Sreepur 230/132/33kV S/S Sreepur-Sirajganj Ckt-2 Scheduled S/D Due to Annual Maintenance	
08:31	15:03	Chandraghona 132/33kV S/S TR-02(416T) LT Scheduled S/D Due to Annual maintenance	
08:32	13:59	Chandraghona 132/33kV S/S TR-02(416T) HT Scheduled S/D Due to Annual maintenance	
08:38	17:03	Brahmanbaria-Narsinghdi 132 kV Ckt-1 Scheduled S/D from Brahmanbaria 132/33kV end.	
08:45	16:53	Sirajganj 132/33kV S/S T4-(445) HT Project Work S/D Due to 33 kv Bay extension work	14.0MW load interrupt.
08:45	16:53	Sirajganj 132/33kV S/S T4-(445) LT Project Work S/D Due to 33 kv Bay extension work	14.0MW load interrupt.
08:46	17:05	Cumilla(N)-Cumilla(S) 132 kV Ckt-3 Scheduled S/D from Cumilla(S) 132/33kV end Due to Annual Maintenance	
08:47	19:33	Fenchuganj 230/132/33kV S/S AT-02 LT Scheduled S/D Due to Tan delta test	
08:47	19:33	Fenchuganj 230/132/33kV S/S AT-02 LT Scheduled S/D Due to Tan delta test	
08:47	19:33	Fenchuganj 230/132/33kV S/S AT-02 LT Scheduled S/D Due to Tan Dalta Test	
08:47	19:32	Fenchuganj 230/132/33kV S/S AT-02 HT Scheduled S/D Due to Tan Delta Test	
08:48	19:32	Fenchuganj 230/132/33kV S/S AT-02 HT Scheduled S/D Due to Tan delta test	
08:54	13:00	Ashuganj-Brahmanbaria 132kV Ckt-1 Project Work S/D from Brahmanbaria 132/33kV end.	
08:54	12:02	Rajshahi 132/33kV S/S Transformer T-3 (425T) LT Scheduled S/D	10.0MW load interrupt.
08:55	12:01	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT Scheduled S/D Due to None	
09:05	16:23	Sylhet-Sylhet (South) 132KV Ckt-2 Scheduled S/D from Sylhet 132/33kV end Due to Dead Line checking purpose, shutdown taken by AE, Sylhet S/S	
	09:07	Baroirhat 132/33kV S/S TR-2, 416T HT is restored.	
	09:07	Baroirhat 132/33kV S/S TR-2, 416T LT is restored.	
09:14	17:03	Kodda 132/33kV S/S Tr-5 (446T) LT Scheduled S/D Due to Work by PBS	70.0MW load interrupt.
09:15	17:03	Kodda 132/33kV S/S Tr-5 (446T) HT Scheduled S/D Due to Work by pbs	70.0MW load interrupt.
09:52		Hathazari 230/132/33kV S/S T-02 LT Forced S/D Due to PDB Demand	10.0MW load interrupt.
09:52		Hathazari 230/132/33kV S/S T-02 HT Forced S/D Due to PDB Demand	
10:00	13:30	Sherpur 132/33kV S/S Transformer- 04 LT Scheduled S/D Due to PBS Roumary 33kv CB Bus Side Maintenance Work	
10:02	16:07	Muradnagar 132/33kV S/S 132KV Transformar-01 LT Project Work S/D Due to CNEEC 33KV CB Change.	
10:02	16:06	Muradnagar 132/33kV S/S 132KV Transformar-01 HT Project Work S/D Due to For CNEEC 33KV CB Change.	
10:20	13:30	Sherpur 132/33kV S/S Transformer- 04 HT Scheduled S/D	
10:24	16:53	Sreepur 230/132/33kV S/S 230 kV Bus-1 Scheduled S/D Due to Annual Maintenance	
10:38	12:06	Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-1 Forced S/D Due to 230 kV BUS-1 Annual Maintenance	
10:40	13:29	Jamalpur United (20MW)-Jamalpur 132kV Ckt-2 Scheduled S/D from Jamalpur 132/33kV end Due to OPGW Preform work(Tower no 06).	
11:04		Kabirpur -Tongi 132kV Ckt-1 Forced S/D from Kabirpur 132/33kV end Due to 230/132 KV T-3 Transformer is on Shutdown at Tongi Grid S/S End	
	11:05	Coxsbazar 132/33kV S/S Main Bus is restored.	
11:05		Kabirpur -Tongi 132kV Ckt-2 Forced S/D from Kabirpur 132/33kV end Due to 230/132 KV T-3 Transformer is on Shutdown at Tongi Grid S/S End	
11:09	19:47	Tongi 230/132/33kV S/S T-03 HT Scheduled S/D Due to Annual maintenance work	
11:09	19:47	Tongi 230/132/33kV S/S T-03 LT Scheduled S/D Due to Annual maintenance work	
11:10	19:49	Tongi 230/132/33kV S/S 230 kV Bus-1 Scheduled S/D Due to Loop changing work	
11:18	13:35	Kodda 132/33kV S/S Tr-3 (426T) HT Scheduled S/D Due to Wrk by pbs	20.0MW load interrupt.
11:18	13:35	Kodda 132/33kV S/S Tr-3 (426T) LT Scheduled S/D Due to Work by pbs	20.0MW load interrupt.
11:18	13:36	Kodda 132/33kV S/S Tr-4 (436T) LT Scheduled S/D Due to Wrk by pbs	20.0MW load interrupt.
11:18	13:36	Kodda 132/33kV S/S Tr-4 (436T) HT Scheduled S/D Due to Wrk by pbs	20.0MW load interrupt.
11:47		Gallamari- Khulna (S) 132KV Ckt-2 Scheduled S/D from Gollamari 132/33kV end Due to OPGW	



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Change. and from Khulna(S) 230/132kV end Due to OPGW Work

11:48	Netrakona 132/33kV S/S Main Bus is restored.	
12:00	Day peak generation 10198 MW	
12:08	13:23 Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-2 Forced S/D Due to 230 kV BUS-1 Annual Maintenance	
13:03	19:08 Purbasadipur-Thakurgaon-EPV 132kV Ckt-1 Project Work S/D from Purbasadipur 132/33kV end Due to DFDR test	
	13:35 Kodda 132/33kV S/S Tr-3 (426T) HT is restored.	
	13:35 Kodda 132/33kV S/S Tr-3 (426T) HT is restored.	
	13:41 Coxsbazar 132/33kV S/S 415T-T2 HT is restored.	
14:39	17:10 Bhandaria 132/33kV S/S Transformer-2 HT Forced S/D Due to PBS Red hot maintenance	20.0MW load interrupt.
14:40	17:11 Bhandaria 132/33kV S/S Transformer-2 LT Forced S/D Due to PBS red hot maintenance	20.0MW load interrupt.
15:06	17:20 Dohazari-Sikalbaha 132 kV Ckt-2 Scheduled S/D from Dohazari 132/33kV end Due to Due to Disks change	
15:13	17:29 Sreepur 230/132/33kV S/S 132 kV BUS-2 Scheduled S/D Due to Annual Maintenance	
15:16	16:17 Joydebpur 132/33kV S/S GT-2 HT Scheduled S/D Due to OLTC Oil Centrifuged	
15:19	Ashuganj CCPP 225 MW Synchronized with remarks:- ST	
	15:38 Purbasadipur 132/33kV S/S T-3 Transformer (423T) HT is restored.	
15:42	16:39 Barishal 230/132kV S/S ATR-1 LT Scheduled S/D	
15:42	16:41 Barishal 230/132kV S/S ATR-1 HT Scheduled S/D Due to Maintenance on Auxiliary br	
	15:59 Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT is restored.	
16:28	16:55 Purbasadipur 132/33kV S/S T-4 Transformer LT Project Work S/D	
16:30	16:53 Purbasadipur 132/33kV S/S T-4 Transformer HT Project Work S/D	
	16:41 Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-1 is restored.	
	16:43 Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-2 is restored.	
	16:45 Jashore 132/33kV S/S JH-1(L2) is restored.	
	16:45 Jashore 132/33kV S/S JH-2(L1) is restored.	
	17:15 Meghnaghat-Shyampur 230kV Ckt-2 is restored.	
	17:15 Meghnaghat-Shyampur 230kV Ckt-2 is restored.	
19:00	Evening Peak Generation: 11899 MW	
	20:22 Kallyanpur 132/33kV S/S GT-2 (132kV) HT is restored.	
05:00	Minimum generation 8063 MW	
07:57	Kulaura 132/33kV S/S TR-1 AB HT Scheduled S/D Due to Redhot maintenance of TR-1(B) section	
07:57	Kulaura 132/33kV S/S TR-1 AB LT Scheduled S/D Due to Redhot maintenance of TR-1(B) section	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division