

POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTER
DAILY REPORT

Reporting Date : 17-Jan-24

Till now the maximum generation is :-		1648.0	21:00	Hrs on	19-Apr-23	
The Summary of Yesterday's		16-Jan-24	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	9726.0 MW	Hour :	12:00	Min. Gen. at	5:00	6792
Evening Peak Generation :	10517.0 MW	Hour :	19:00	Available Max Generation :		11559
E.P. Demand (at gen end) :	10517.0 MW	Hour :	19:00	Max Demand (Evening) :		10600
Maximum Generation :	10517.0 MW	Hour :	19:00	Reserve(Generation end) :		959
Total Gen. (MVKWh) :	215.192	System Load Factor :	85.26%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid - Maximum		250 MW	at	7:00	Energy	
Import from West grid to East grid - Maximum		MW	at		Energy	
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	17-Jan-24	Rule curve :	100.34	Ft.(MSL)	
	90.40	Ft.(MSL)				

Gas Consumed :	Total =	742.24 MMCFD.	Oil Consumed (PDB) :		
				HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+PVI) :	Gas :	Tk240,594,599	Oil :	Tk305,847,008	Total :	Tk962,964,310
	Coal :	Tk407,612,703				

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	Time	MW	MW	MW	MW		
Dhaka	0	0.00	3597	0	0%		
Chittagong Area	0	0.00	982	0	0%		
Khulna Area	0	0.00	1374	0	0%		
Rajshahi Area	0	0.00	1193	0	0%		
Cumilla Area	0	0.00	982	0	0%		
Mymensingh Area	0	0.00	730	0	0%		
Sylhet Area	0	0.00	410	0	0%		
Barisal Area	0	0.00	341	0	0%		
Rangpur Area	0	0.00	667	0	0%		
Total	0	0	10276	0	0%		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2
	2) Ghorasaal-3/7
	3) Shajibazar 330 MW
	4) Baghabari-71,100 MW
	5) Raocan unit-2
	6) Siddhirganj 210 MW .

Outage

Time	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:15	16:22	Magura-Narail 132kV Ckt-2 Scheduled S/D from Magura 132/33kV end Due to Annual Maintenance. and from Narail 132/33kV end Due to Annual maintenance of magura- narail ckt-02 and associate equipments.	
08:26	16:17	Bhulia-Harijpur 230 KV Ckt-1 Scheduled S/D from Harijpur 230/132kV end Due to Annual Deadline Checking. and from Bhulia 400/230kV end Due to Due to Deadline check.	
08:32	17:49	Gopalganj 400/132kV S/S 400kV Aminbazar Ckt-1 Project Work S/D Due to SAS Commissioning	
08:35		Bogura 400/230 kv T-2 & associated bays S/D.	
08:50		Ashuganj-Ashuganj S 230 KV Ckt-2 Scheduled S/D from Ashuganj 230/132/33kV end Due to Asper demand of APSCIL substation	
08:50	17:24	Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Annual maintenance	
08:50	17:24	Dhamrai 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Annual maintenance	
08:51	13:04	Jhenaidah 230/132kV S/S LVAC- 1 Scheduled S/D Due to Annual Maintenance	
08:52	13:00	Jhenaidah 230/132kV S/S Transformer- 1 HT Scheduled S/D Due to Annual Maintenance	
08:52	13:02	Jhenaidah 230/132kV S/S Transformer- 1 LT Scheduled S/D Due to Annual Maintenance	
08:54	16:52	Sreepur 230/132/33kV S/S Sreepur-Valuka Ckt-2 Project Work S/D Due to Basbar protection testing	
08:54	15:49	Bheramara P/S-Faridpur 132 KV Ckt-1 Scheduled S/D from Bheramara 230/132kV end Due to Annual Maintenance	
08:55	15:49	Rajshahi 132/33kV S/S Bheramara-1 Scheduled S/D Due to Annual maintenance work.	
08:56	15:23	Chattak-Sylhet 132 kv Ckt-2 Scheduled S/D from Sylhet 132/33kV end Due to Yearly Maintenance purpose.	
08:56	15:01	Khulshi-Madunaghat 132kV Ckt-2 Scheduled S/D from Khulshi 132/33kV end Due to Annual Maintenance and from Madunaghat 132/33kV end Due to Annual Maintenance by Khulshi Grid.	
08:59	17:32	Gopalganj-Madunaghat 132kV Ckt-1 Scheduled S/D from Gopalganj 132/33kV end Due to Yearly maintenance	
09:03	18:02	Bogura-Bogura (New) 132 KV Ckt-2 Scheduled S/D from Bogura 230/132kV end Due to Annual Maintenance and from Bogura 132/33kV end Due to Annual Maintenance Work.	
09:10		Unique Meghnaghat Power Limited (UMPL) Tripped	19.5MW load interruption.
09:14	11:55	Rajshahi 132/33kV S/S Transformer T-3 (42T) LT Scheduled S/D Due to Due to T-3 (II) 33 KV BUS S/D.	
09:14	11:55	Rajshahi 132/33kV S/S 132 KV Bus Coupler Scheduled S/D Due to Due to T-3 (II) 33 KV BUS S/D.	
09:14	11:55	Rajshahi 132/33kV S/S 33 KV T-3 Bus Scheduled S/D Due to Due to T-3 (II) 33 KV BUS S/D.	
09:29	16:54	Bhaluka-Mymensingh 132 KV Ckt-2 Scheduled S/D from Bhaluka 132/33kV end.	
09:34	16:23	Baronah-Hathazari 132 KV Ckt-1 Scheduled S/D from Baronah 132/33kV end Due to Annual maintenance and from Hathazari 230/132/33kV end.	
09:35	17:12	Barishal-Bhola 230 KV Ckt-1 Scheduled S/D from Barishal 230/132kV end Due to Annual maintenance work	
09:36	15:17	Nawabganj 132/33kV S/S 132kV Main Bus-2 Scheduled S/D Due to Annual maintenance work.	
09:53	16:16	Dohazari-Shabaha 132 KV Ckt-2 Scheduled S/D from Dohazari 132/33kV end Due to annual maintenance (Bay)	
09:55	09:55	Rangpur 132/33kV S/S T-1(414T) HT is restored.	
09:57	09:56	Rangpur 132/33kV S/S T-2 (404T) HT is restored.	
09:57	12:56	Agargaon 230/132kV S/S Auxiliary Tr-1 LT Scheduled S/D Due to Relay Test By SPMD	
09:58	09:57	Rangpur 132/33kV S/S T-1(414T) LT is restored.	
09:58	12:56	Agargaon 230/132kV S/S Auxiliary Tr-1 HT Scheduled S/D Due to Relay Test By SPMD	
09:58	12:56	Agargaon 230/132kV S/S 230kV Transformer-1 (705T 1) LT Scheduled S/D Due to Relay Test By SPMD	
09:58	09:58	Rangpur 132/33kV S/S T-2 (404T) LT is restored.	
09:58	12:55	Agargaon 230/132kV S/S 230kV Transformer-1 (705T 1) HT Scheduled S/D Due to Relay Test By SPMD	
10:00	15:20	Aminbazar-Kalyanpur 132kV Ckt-1 Scheduled S/D from Kalyanpur 132/33kV end.	
10:03		Matarbari 400kV Bus-2 was shutdown.	
10:05	16:17	Cumilla(N)-Meghnaghat 230 KV Ckt-1 Scheduled S/D from Cumilla(N) 230/132/33kV end Due to Annual Maintenance(deadline check)	
10:13	17:31	Brahmanbaria-Narsingdi 132 KV Ckt-2 Scheduled S/D from Brahmanbaria 132/33kV end Due to annual maintenance	
10:16		Ramganj 132/33kV S/S Ramganj-Deah Energy Ckt-02 Scheduled S/D Due to Annual Maintenance	
10:16	17:11	Mirpur-Uttara 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Annual maintenance work .	
10:17	13:18	BIPTC S/S 20DF11 Forced S/D Due to shutdown it taken for rectification work due to trip	
10:27	14:43	Harijpur 230/132kV S/S Ullon (Maniknagar-2) Forced S/D Due to Work on other side.	
10:28	12:15	Agargaon-Bhasantek 132kV Ckt-1 Scheduled S/D from Cantonment 132/33kV end Due to Relay function test and GIS inspection of Agargaon-Cantonment UO Line-1	
10:32	17:00	Fenchuganj 230/132/33kV S/S TR-02 HT Scheduled S/D Due to relay test	
10:44	14:03	Maniknagar 132/33kV S/S Harijpur Ckt-2 Scheduled S/D Due to Maintenance work at Ullon Sub-station.	
11:10	20:46	Aminbazar-Meghnaghat 230kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Annual Maintenance	
11:19		Unique Meghnaghat Power Limited (UMPL) Synchronized	
12:00		Day Peak Generation: 9725 MW .	
12:33		Unique Meghnaghat Power Limited (UMPL) Synchronized with remarks:- ST	
12:33	15:06	Cantonment 132/33kV S/S Transformer-1 (T-1) LT Scheduled S/D Due to Relay function test and GIS inspection of Transformer- TR-01	
12:34	14:14	Cantonment 132/33kV S/S Transformer-1 (T-1) HT Scheduled S/D Due to Relay function test and GIS inspection of Transformer- TR-01	
12:48	12:48	Khulna(S) 230/132kV S/S 230 KV Main Bus 2 is restored.	
13:01	13:01	Jhenaidah 230/132kV S/S Transformer- 1 HT is restored.	
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13:01	13:01	Jhenaidah 230/132kV S/S Transformer- 1 HT is restored.	
13:01	13:01	Jhenaidah 230/132kV S/S Transformer- 1 HT is restored.	
13:02	13:02	Jhenaidah 230/132kV S/S Transformer- 1 LT Scheduled S/D Due to AM	
13:02		Jhenaidah 230/132kV S/S Transformer- 1 HT Scheduled S/D Due to Annual maintenance	
13:25		Khulna(S) 230/132kV S/S TR-2 LT Project Work S/D Due to Rupsha 800 MW Transmission Line Project Work (NWPGL).	
13:26		Khulna(S) 230/132kV S/S TR-2 HT Project Work S/D Due to Rupsha 800 MW Transmission Line Project Work (NWPGL).	
13:29		Khulna(S) 230/132kV S/S 230 KV Main Bus 1 Project Work S/D Due to Rupsha 800 MW Transmission Line Project Work (NWPGL).	
14:50		132/33 KV T2 33 KV syn in 132/33 KV Ullapara 132/33 KV S/S. (33 KV bus commissioning-PBS).	
22:12	16:34	Sirajganj 132/33kV S/S T4-(445) HT is restored.	
02:31	16:30	Bhulia-Rampura 230 KV Ckt-3 is restored.	
03:59	04:10	Sirajganj 132/33kV S/S T4-(445) LT is restored.	
05:00		Bogura 400/230 kv T-2 & associated bays Sync	
07:36		Baghabari-Sirajganj 230 KV Ckt-2 Tripped from Baghabari 230/132kV end showing 1. General Trip 2. Dist Trip L13.	
07:47		Dist Trip L2 4. Dist Trip L3 5. ZONE-1 6. Reset Close Block relay.	
		Meghnaghat-Shyampur 230kV Ckt-2 Tripped from Meghnaghat 230/132kV end showing Distance relay relays Due to Due to dense fog.	
		Minimum generation: 6792 MW	
		Maniknagar-Siddhirganj 230kV Ckt-1 Scheduled S/D from Maniknagar 230/132kV end Due to Annual Maintenance.	
		HVDC Bheramara-Jhenaidah 230kV Ckt-2 Scheduled S/D from Jhenaidah 230/132kV end Due to Annual Maintenance	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle