

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

Reporting Date : 5-May-24

Till now the maximum generation is :-		16477.0	
The Summary of Yesterday's		4-May-24	21:00 Hrs on 30-Apr-24
Day Peak Generation		13800.0 MW	Hour : 12:00 Min. Gen. at 8:00
Evening Peak Generation		15229.0 MW	Hour : 19:30 Available Max Generation : 16704
E.P. Demand (at gen end)		15600.0 MW	Hour : 19:30 Max Demand (Evening) : 15000
Maximum Generation		15229.0 MW	Hour : 19:30 Reserve/Generation end : 1704
Total Gen. (MkWh)		328.395	System Load Factor : 89.85% Load Shed : 0

Export from East grid to West grid - Maximum		194 MW	at 22:00	Energy
Import from West grid to East grid - Maximum		-	-	Energy
Actual : Water Level of Kaptai Lake at 6:00 A.M on 5-May-24		73.53 Ft.(MSL)	Rule curve : 81.24 Ft.(MSL)	

Gas Consumed :	Total =	1252.27 MMCFD.	Oil Consumed (POB) :	
			HSD :	
			FO :	

Cost of the Consumed Fuel (POB+Pvt) :	Gas :	Tk465,597,411		
	Coal :	Tk572,795,492	Oil :	Tk924,680,750
			Total :	Tk1,963,073,653

Load Shedding & Other Information					
Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	
Dhaka	28	0.00	5342	0	0%
Chittagong Area	45	0.00	1473	0	0%
Khulna Area	11	0.00	2064	0	0%
Rajshahi Area	0	0.00	1796	0	0%
Cumilla Area	127	0.00	1477	0	0%
Mymensingh Area	90	0.00	1099	0	0%
Sylhet Area	0	0.00	615	0	0%
Barisal Area	0	0.00	1477	0	0%
Rangpur Area	53	0.00	1004	0	0%
Total	354		15384	0	

Information of the Generating Units under shut down.	
Planned Shut-Down	Forced Shut-Down
	1) Barapokuria ST. Unit-2
	2) Ghorasal-3,4,7
	3) Shahbazar 330 MW
	4) Baghatari-100 MW
	5) Raazan unit-2
	6) Siddhirganj 210 MW .

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
9:46	21:42	Aminbazar-Mechnadhat 400kV Ckt-1 Project Work S/D from Mechnadhat 400/230kV end Due to DFRD integration	
	9:56	Barisal 230/132kV S/S S-5 HT is restored.	
	10:40	Bogura(New)-Naogaon 132 kV Ckt-1 is restored.	
	10:42	Bogura(New)-Naogaon 132 kV Ckt-2 is restored.	
10:45		Naogaon-Nyamapur 132kV Ckt-1 Forced S/D from Niamapur end Due to Nare	
10:57		Rohour - Niamapur 132 kV ckt-1 & Rohour 132 kV Bus Section A1 SHUTDOW.	
	11:03	Sylhet (South) S/S Trafo-2 LT is restored.	
	11:53	Chattak-Sylhet 132 kV Ckt-2 is restored.	
	15:00	Khulna-Madunahat 132kV Ckt-1 Tripped from Madunahat end showing Rel-670 relays Due to None	
11:58	15:00	Sholoshor 132/33kV S/S Sholoshor-Madunahat Ckt-1 Tripped showing operated relay 86.1, 86.2 relays Due to Earth fault	
12:00	13:00	Hathazari 230/132/33kV S/S Shikolaha-01 Scheduled S/D	
13:06		Baroula-Hathazari 132 kV Ckt-2 Forced S/D from Baroula end Due to Work at Hathazari end	
14:27	17:12	Niamapur 132/33kV S/S 132 kV Rahapur Ckt-2 Project Work S/D Due to Project work	
17:13	18:28	Cumilla(N) 230/132/33kV S/S 132kV T-04 LT Scheduled S/D	10MW load interup.
17:32	18:56	Khulna (S) Rampal Ckt-2 Project Work S/D from Khulna(S) end. and from Rampal 400/230kV end Due to Testing purpose	
19:07	21:15	Boaura 230/132kV S/S 230kV Main 1 is restored.	
		Naogaon 132/33kV S/S Nao-SPPP Ckt-1 Tripped showing LINE DISTANCE, DIRECTIONAL, O/C. relays Due to SANTAHAR PPP TRANSFORMER TAP CHANGERS PROBLEM.	
19:42	19:42	Fenchuganj CAPP Phase-1 Tripped	
19:42	19:42	Fenchuganj CAPP Phase-2 Tripped	
19:42	19:42	Sylhet 225 MW CAPP Tripped	
19:43		Sylhet 225 MW CAPP Tripped with remarks - GT	
19:43	20:36	Sylhet 132/33kV S/S 75 MW ST PS Tripped showing trip from PS relays.	94 MW load interup.
19:43		Sylhet 132/33kV S/S 20 MW PP Tripped showing Diff relays.	58 MW load interup.
19:50	20:45	Brahmanbaria 132/33kV S/S 403T LT Forced S/D Due to As per NLDC's instruction.	15 MW load interup.
20:03	20:27	Fenchuganj-Sylhet 132kV Ckt-1 S/D from Sylhet end	
20:26	20:45	Brahmanbaria 132/33kV S/S 403T LT Forced S/D	
22:04	22:26	Kishoreganj 132/33kV S/S Tr-2 Tripped showing E/F relays Due to 33 kV PDB S-5 Transfer Panel burn Because Tr-2 LT side Trip .	
22:51		Fenchuganj CAPP Phase-1 Synchronized with remarks - GT-2	
23:10	23:32	Bhalka 132/33kV S/S Shear Ckt-02 Tripped showing Distance R,Y,B Phase, zone-1, relays Due to Distance R,Y,B Phase, zone-1.	
23:23	23:55	Sunamganj 132/33kV S/S Chattak-Sunamganj Ckt-2 Tripped showing REL670 relays Due to BAD WEATHER	4 MW load interup.
23:23	23:40	Chattak-Sunamganj 132 kV Ckt-1 Tripped from Sunamganj end showing REL670 relays Due to Bad Weather	4 MW load interup.
23:23	23:40	Chattak-Sylhet 132 kV Ckt-2 Tripped from Sylhet end showing Distance Relay A phase Zone relays Due to Heavy Thundering	8 MW load interup.
23:40		Ashuganj 450 MW CAPP Synchronized with remarks - S	
23:45	23:59	Brahmanbaria-Shahbazar 132 kV Ckt-2 Tripped from Shahbazar 132/33kV end showing Distance relays Due to Bad weather.	
23:56		Sylhet 225 MW CAPP Synchronized with remarks - GT	
0:02		Ashuganj 230/132kV Ckt-1 was switched on at 00:02 hrs	
0:10	0:38	Jamalpur-Mymensingh 132kV Ckt-2 Tripped from Mymensingh end showing Dist A-Phase relays Due to Rain and heavy Thandaring	
0:15	0:49	Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-2 Tripped showing Line Dist. Protection Relay-F21(86.1 & 86.2) relays Due to Due to rain And Thunder storm	
0:28	0:45	Kishoreganj-Mymensingh 132kV Ckt-2 Tripped from Mymensingh end showing Distance relays Due to Heavy Rain and Thandaring	
1:52		Bhalka 132/33kV S/S Transformer-01 LT Tripped showing 50S1, 59(α/v) relays Due to 33kV feeder No-14 not tripped.	38 MW load interup.
1:56	1:59	Kishoreganj 132/33kV S/S Bus-8 Tripped showing Distance A-Phase relays Due to Ashuganj-01 Ckt Ahu side CB trip	38 MW load interup.
2:04		Bhalka 132/33kV S/S Transformer-02 LT Tripped showing 50S1, 59(α/v) relays Due to 33kV Feeder No-14 not tripped	
2:09	2:42	Kabirpur - Tongi 132kV Ckt-2 Tripped from Tongi 230/132/33kV end showing Z1, B Phase, 5.05 KM. relays Due to Heavy storm and wind.	
2:14	2:42	Kabirpur - Tongi 132kV Ckt-1 Tripped from Tongi 230/132/33kV end showing Z1, Y&B Due to heavy wind and storm.	50 MW load interup.
2:14	3:14	Ghorasal-Joydeb-B 132kV Ckt-2 Tripped from Joydepur end showing Distance-A relays.	
2:21	2:32	Bashundhara-Tongi 132 kV Ckt-1 Tripped from Tongi end showing Z1, B Phase Due to Heavy wind and storm.	
2:36	2:52	Haripur-Naraura 132kV Ckt-1 Tripped from Haripur 230/132kV end showing Z1 & AN relays Due to Unknown.	
2:36	2:53	Bhulta-Haripur 132 kV Ckt-1 Tripped from Haripur 230/132kV end showing Z2 & CN. relays Due to Unknown	
2:45	3:52	Brahmanbaria-Narasindh 132 kV Ckt-1 Tripped from Brahmanbaria 132/33kV end showing Distance trip relays.	
3:00	3:25	Daudkandi-Sonargaon 132 kV Ckt-2 Tripped from Sonargaon end showing Over current, earth fault relays Due to Bad weather	
3:28		Madanganj 132/33kV S/S Madanganj-Sitalakya 132 kV Ckt Forced S/D Due to overload control of 132 kV Haripur	
3:35	4:16	Ashuganj-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) end showing Secondary Distance protection-B phase - V fall relays	
3:37	3:58	Cumilla(N)-Daudkandi 132 kV Ckt-1 Tripped from Cumilla(N) end showing Distance protection operated- B phase-Aded trip- V fall relays.	
5:28	0.263888889	Gulian-Rampura 132kV Ckt-1 Tripped from Gulian end showing REC 316*4REL 316*4 relays Due to Differential earth fault at S phase rampura circuit -2 and from Rampura 230/132kV end showing # Distance pro. 21/1.21-BNREL*4 : DEF signal send # Trip ckt supervision : 74B1, 74B2# TEE joint. Trip ckt supervision : 74B1, 74B2	64 MW load interup.
5:28		Gulian-Rampura 132kV Ckt-2 Tripped from Gulian end showing REC 316*4REL 316*4 relays Due to Differential earth fault at S phase and from Rampura 230/132kV end showing * General Trip * Y-Ph trip pick up# Distance Trip *Zone-1* REL*4 : Diff. Trip-S *DEF signal Received* DEF signal send# Master Trip : 86T1, 86T2,86T3* TEE joint . Master Trip: 86T3, 86 T4 relays	64 MW load interup.
6:08	7:08	Hathazari-Kaptai 132kV Ckt-2 Tripped from Hathazari end showing SIEMENS relays	
6:54	7:30	Nawabganj 132/33kV S/S TR-1 LT Scheduled S/D Due to Redhot maintenance	
7:19		Ashuganj-Bhulta 400 kV Ckt-2 Forced S/D from Bhulta 400/230kV end Due to Line checking to find out fault location of Ashuganj ckt 2.	
		Ashuganj ckt 2 Y phase current zero.	
7:36		Boaura 230/132kV S/S 230kV Main 2 Scheduled S/D Due to project work	
7:44		Hathazari-Kaptai 132kV Ckt-1 Tripped from Hathazari 230/132/33kV end showing SIEMENS relays.	4 MW load interup.
7:44		Hathazari-Kaptai 132kV Ckt-2 Tripped from Hathazari 230/132/33kV end showing SIEMENS relays.	4 MW load interup.
7:44		Chandraghona-Kaptai 132 kV Ckt-1 Tripped from Chandraghona 132/33kV end showing REL-670 relays.	
7:44		Dohazari 132/33kV S/S Power Transformer -T-2 LT Tripped showing Lockout relay K862 Trip relays	
7:44		Chandraghona-Kaptai 132 kV Ckt-2 Tripped from Chandraghona 132/33kV end showing REL -670 relays.	
21:12		Kishoreganj 132/33kV S/S Tr-2 (414T) HT Tripped showing lockout relays relays Due to CT of 33kV was damage	
06:02		Thakurgaon 132/33kV S/S T-3(432T) LT Scheduled S/D Due to 33 kV Bus coupler rearrange	
06:03		Thakurgaon 132/33kV S/S T-3(432T) HT Scheduled S/D Due to 33 kV Bus coupler rearrange	
07:00		Minimum generation 12387 MW	
07:02		Fairdipur 132/33kV S/S Transformer-3 LT Scheduled S/D Due to 33kV Underground Cable Replace	
07:11		Fairdipur 132/33kV S/S Transformer-3 HT Scheduled S/D Due to 33kV Underground Cable Replace	
07:17		Fairdipur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to 33kV Busbar Maintenance	
07:18		Fairdipur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to 33kV Busbar Maintenance	
07:40		Boaura 132/33kV S/S Transformer-3 LT Scheduled S/D Due to Maintenance Work	
07:40		Boaura 132/33kV S/S Transformer-3 HT Scheduled S/D Due to Maintenance Work	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle