

POWER GRID COMPANY OF BANGLADESH LTD.

NATIONAL LOAD DISPATCH CENTER

DAILY REPORT

Till now the maximum generation is :-		16477.9		21:00 Hrs on 30-Apr-24		Reporting Date: 6-May-24	
<b>The Summary of Yesterday's</b>		5-May-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	13207.0 MW	Hour :	12:00	Min. Gen. at	6:00	9600	
Evening Peak Generation	14303.0 MW	Hour :	19:00	Available Max Generation		16789	
E.P. Demand (at gen end)	14600.0 MW	Hour :	19:00	Max Demand (Eveing)		14600	
Maximum Generation	14600.0 MW	Hour :	19:00	Reserve(Generation end)		2789	
Total Gen. (MW)	299.122	System Load Factor	88.83%	Load Shed		0	
<b>EXPORT /IMPORT THROUGH EAST-WEST INTERCONNECTOR</b>							
Report from East grid to West grid - Maximum		-360 MW		at 23:00		Energy	
Import from West grid to East grid - Maximum		- MW		at -		Energy	
Actual : Water Level of Kapta Lake at 030 A.M on 6-May-24		73.43 Ft.(MSL)		Rule curve : 81.05 Ft.(MSL)			
Gas Consumed :		Total = 1170.65 MMCFD		Oil Consumed (PDB) :		HSD : FD :	
Cost of the Consumed Fuel (PDB+Pv) :		Gas : Tk445,116,331		Oil : Tk645,481,196		Total : Tk1,630,965,212	
Coal : Tk539,387,686							
<b>Load Shedding &amp; Other Information</b>							
Area		Yesterday		Today		Rates of Shedding	
		MW		Estimated Demand (S/S end)		Estimated Shedding (S/S end)	
		MW		MW		(On Estimated Demand)	
Chakia	0	0.00	1342	0	0	0%	0%
Chonging Area	0	0.00	1474	0	0	0%	0%
Khulna Area	10	0.00	2064	0	0	0%	0%
Rajshahi Area	0	0.00	1796	0	0	0%	0%
Comilla Area	0	0.00	1477	0	0	0%	0%
Mymensingh Area	0	0.00	1099	0	0	0%	0%
Sylhet Area	0	0.00	615	0	0	0%	0%
Barisal Area	0	0.00	513	0	0	0%	0%
Rangpur Area	0	0.00	1004	0	0	0%	0%
<b>Total</b>	<b>45</b>	<b>0.00</b>	<b>15384</b>	<b>0</b>	<b>0</b>	<b>0%</b>	<b>0%</b>
Information of the Generating Units under shut down.							
Planned Shut-Down				Forced Shut-Down			
				1) Bogura-97.1 MW 2) Ghosara-3.4 T 3) Shajibazar-200 MW 4) Baghabar-100 MW 5) Rajshahi-2 6) Ishdigha-210 MW.			
<b>Outage</b>							
<b>Time</b>	<b>Reason</b>	<b>Additional information of Machines, lines, Interruption / Forced Load shed etc.</b>					<b>Remarks</b>
08:22	08:45	Dohazari 132/33kV S/S Power Transformer #2 LT is restored.					
08:56	11:05	Hathazari 132kV S/S is restored.					
		Baraola-Hathazari 132 kV Ck-1 Scheduled S/D from Hathazari 230/132/33kV end Due to Removing in foil from line.					
08:58		Syhet 132/33kV S/S 20 MW PP is restored.					
09:08		Madangaj 132/33kV S/S Madangaj Shilshaha 132 kv Ckt is restored.					
09:15	17:32	Sinepur 230/132/33kV S/S Sinepur-Ashuganj Ck-1 Project Work S/D Due to AR Modification					
22:18		Hathazari-Kapta 132kV Ck-2 is restored.					
10:02	02:01	Ghossai-Ishward 230 kV Ck-2 Tripped from Ghossai 230kV end showing Distance Protection Relay relays.					
10:05	10:45	Palna 132/33kV S/S T-1 HT Scheduled S/D					40.0MW load intemp.
10:06	10:45	Palna 132/33kV S/S T-1 LT Scheduled S/D					40.0MW load intemp.
10:06	10:46	Palna 132/33kV S/S T-2 LT Scheduled S/D					20.0MW load intemp.
10:37	17:15	Bogura-Singair 132 kV Ck-2 Scheduled S/D from Singair 230 end Due to DS connect to new transformer at Bogura end. and from Bogura 230/120kV end Due to Busbar Stability Test & DS Connect With 230 kv Bus					
11:00	11:06	Gopalganj 132/33kV S/S T-2 LT Tripped showing DR C/C & E.F. Relay C/C trip relays Due to Anindha Bazar 33 kv feeder fault. Cable fault					30.0MW load intemp.
11:59	19:23	Faridpur-Copalganj 132 kV Ck-2 Scheduled S/D from Gopalganj 400/120kV end.					
12:00		Day Peak Generation: 13207 MW					
12:18	21:12	Gopalganj 400/120kV S/S AT-02 HT Scheduled S/D					
12:19	21:13	Gopalganj 400/120kV S/S AT-02 LT Scheduled S/D					
14:05		Fenchuganj C/CP Phase-2 Synchronized with remains - unit-3					
14:59	15:09	Fenchuganj-Sreemangal 132kV Ck-1 Tripped from Sreemangal 132/33kV end showing Distance Relay relays Due to Tripped by fault.					
15:13	15:23	Bairuhabara-Rampura 132 kV Ck-1 Tripped from Rampura 230/120kV end showing Distance Protection 21:1: Z1, B.N relays Due to Unknown					
16:28		132 kv bus section-1 & bus section 2 normalised at Rohorpur 400/132 kV S/S. 132 kv bus coupler 1 & bus coupler 2 shutdown at Rohorpur 400/132 kV S/S.					
16:40	17:07	Gulian-Rampura 132kV Ck-2 Project Work S/D from Rampura 230/132kV end Due to Due to Y phase cable fault checking.					
17:15	17:15	Chandraghona-Kapta 132 kV Ck-2 is restored.					
17:33	18:18	Ghossai-Ishward 230 kV Ck-2 Tripped from Ishward 230/120kV end showing Distance protection relay relays. and from Ghossai 230kV end showing Distance Protection Relay, F21.1 relays.					
18:15	18:34	Namatpur 132/33kV S/S Transformer-3(420T) LT Tripped showing DR C/C & E.F. Relay relays Due to Manda 33 kv feeder fault.					30.0MW load intemp.
18:45	19:40	Bogura 230/120kV S/S 230KV Main 2 is restored.					
19:00	19:27	Kishoreganj-Mymensingh 132kV Ck-1 Tripped from Kishoreganj 132/33kV end showing Z1, y-phase Distance Relay 4.4km relays Due to Z1, y-phase Distance Relay 4.4km. and from Mymensingh 132/33kV end showing Distance Protection Relay relays Due to Dist. (B,C) LT Line protection EP(S05/N1), 47.80M					
19:28		Evening Peak Gen. 14333 MW					
19:35	20:29	132 kv bus coupler 2 199 Rohorpur 400/132 kV S/S.					
20:31		132 kv bus coupler 2 199 Rohorpur 400/132 kV S/S.					
20:51	21:08	Ashuganj-Brahmanbaria 132kV Ck-2 Tripped from Brahmanbaria 132/33kV end showing Distance relays.					
20:51	21:08	Bairuhabara-Shajibazar 132 kV Ck-1 Tripped from Brahmanbaria 132/33kV end showing Distance relays. and from Shajibazar 132/33kV end showing Distance relays Due to stormy weather					
20:51	21:08	Bhaluka-Mymensingh 132 kV Ck-2 Tripped from Bhaluka 132/33kV end showing D/C,E.F. Relay relays Due to Thundering					
20:51	21:08	Bhaluka-Mymensingh 132 kV Ck-1 Tripped from Bhaluka 132/33kV end showing D/C,E.F. Relay relays Due to Thundering					
20:51	23:09	Ashuganj C/CP 225 MW Tripped with remarks: GT					
21:10	21:30	Katribur-Koda 132kV Ck-1 Tripped from Katribur 132/33kV end showing Distance Relay Distance Start-T), SOTF, DTT-1 restored, DTT-1 send relays.					
21:18	21:30	Haripur-Narsingdi 132kV Ck-1 Tripped from Haripur 230/120kV end showing Z1, BN relays Due to Heavy Thundering & Rainfall at Narsingdi.					
21:23	21:38	Katribur - Manikganj 132kV Ck-1 Tripped from Katribur 132/33kV end showing Distance relay, Zone-1, B-phase relays.					
21:23	22:12	Katribur-Kalakar 132kV Ck-2 Tripped from Katribur 132/33kV end showing Distance relay (Distance start-T).					
21:32	22:48	Katribur - Tongi 132kV Ck-2 Tripped from Tongi 230/120kV end showing Distance Relay, Y-Phase, Distance-22.5 relays Due to Stormy weather. and from Katribur 132/33kV end showing Distance relay, Zone-1, B-phase relays.					
21:45	01:34	Ghossai-Ishward 230 kV Ck-2 Tripped from Ishward 230/120kV end showing siemens 7sa87 soft, 147 J KMDPDR 105-132 kv relays. and from Ghossai 230kV end showing Distance Protection Relay relays Due to None					
22:02	02:02	Ghossai-Ishward 230 kV Ck-1 Tripped from Ishward 230/120kV end showing siemens 7sa87 soft, 127-132 km relays.					
22:07		Brahmanbaria-Shajibazar 132 kV Ck-1 Scheduled S/D from Shajibazar 132/33kV end Due to B-Basis end breaker not closing (Pole disconnection)					
22:35	23:58	Kerangaj 230/120kV S/S Hasanabad Tripped showing SOTF trip, B-Phase pick-up(Distance: 3.90km), Trip relay Operated. relays Due to Thundering					
23:41	23:42	Kerangaj 230/120kV S/S Latabad Tripped showing SOTF trip, R-Y Phase Pick-up, 96.1 trip relay operated relays Due to Thundering					
23:45	23:20	Siddhigaj 132/33kV S/S 120MW ECGA GT-1 Tripped showing LBB isolation relays Due to Rain storm					
23:45	23:24	Siddhigaj Siddhigaj					
23:45	23:24	Ghorishal Ck-1					
23:45	23:09	Tirood from Siddhigaj					
23:45	23:09	Masuli-Siddhigaj 132kV Ck-1 Tripped from Siddhigaj 132/33kV end showing Lock Out Distance relay trip zone 2					45.0MW load intemp. Siddhigaj 132/33kV end
23:45	23:09	relays Due to Basaki Storm, lightning entrance					
23:46	23:17	Haripur-Kishoreganj 132kV Ck-1 Tripped from Haripur 230/120kV end showing Z3, AN, DEF relays Due to Heavy Thundering & Rainfall					
23:51	23:58	Agargaon-Ashuganj 132kV Ck-1 Tripped from					
23:51	23:58	Kerangaj 230/120kV S/S Ck-1 Tripped from					
23:59	23:09	relays Due to Thundering					
23:41	00:38	Harabed 132/33kV S/S Faldia (Pre-Brahmanbaria) Tripped showing Master trip relays Due to Unknown					
23:43	23:52	Nawabganj 132/33kV S/S TR-2 LT Tripped showing Over current protection relay relays Due to Due to 33kV Agla Feeder fault					
00:14	06:00	Ashuganj C/CP 225 MW Synchronized with remarks: GT					
00:14	06:00	Minimum generation 9600 MW					
00:14	06:00	Lahorahat-Rangpur 132 kV Ck-2 Forced S/D from Rangpur 132/33kV end Due to Maintenance Work					28.0MW load intemp. Rangpur 132/33kV end
06:42	07:36	Chowmahura 132/33kV S/S TR3-430T HT Forced S/D Due to 33kv Datter Feeder Red hot.					16.0MW load intemp.
06:42	07:36	Chowmahura 132/33kV S/S TR3-430T LT Forced S/D Due to 33kv Datter Feeder Red hot.					16.0MW load intemp.
07:25		Chowmahura-Rangpur 132kV Ck-1 Project Work S/D from Chapai 132/33kV end from Rangpur 400/120kV end Due to					
07:25		DFDR work					
07:33		Bogura 230/120kV S/S 120KV Main 2 Scheduled S/D Due to project work for transformer T04 commissioning.					
21:12		Kishoreganj 132/33kV S/S T-2 (414T) HT Tripped showing lockout relay 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 rearmage					
06:03		Thakurgaon 132/33kV S/S T-3(432T) HT Scheduled S/D Due to 33 kV Bus coupler rearmage					
07:00		Minimum generation 12387 MW					
07:02		Faridpur 132/33kV S/S Transformer-3 LT Scheduled S/D Due to 33kV Underground Cable Replace					
07:11		Faridpur 132/33kV S/S Transformer-3 HT Scheduled S/D Due to 33kV Underground Cable Replace					
07:17		Faridpur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to 33kV Busbar Maintenance					
07:18		Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to 33kV Busbar Maintenance					
07:40		Bogura 132/33kV S/S Transformer-3 LT Scheduled S/D Due to Maintenance Work					
07:40		Bogura 132/33kV S/S Transformer-3 HT Scheduled S/D Due to Maintenance Work					