

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

Reporting Date : 4-Mar-24

Till now the maximum generation is :-		15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		3-Mar-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	10943.0 MW	Hour :	12:00	Min Gen. at	5:00		8132
Evening Peak Generation :	11834.0 MW	Hour :	19:00	Available Max Generation :			13609
E.P. Demand (at gen end) :	11930.0 MW	Hour :	19:00	Max Demand (Evening) :			12000
Maximum Generation :	11834.0 MW	Hour :	19:00	Reserve(Generation end)			1609
Total Gen. (MKNH) :	245.547	System Load Factor	85.46%	Load Shed			0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid - Maximum		720 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 4-Mar-24						
	83.52 Ft.(MSL)	Rule curve :		92.50 Ft.(MSL)			

Gas Consumed :	Total = 848.58 MMCFD.	Oil Consumed (PDB) :		HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+PVI) :	Gas :	Tk344,469,150	Oil :	Tk257,445,838	Total :	Tk1,228,787,774
	Coal :	Tk626,872,786				

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	4049	0	0	0%	
Chittagong Area	0	0.00	1110	0	0	0%	
Khulna Area	0	0.00	1553	0	0	0%	
Rajshahi Area	0	0.00	1349	0	0	0%	
Cumilla Area	0	0.00	1111	0	0	0%	
Mymensingh Area	92	0.00	826	0	0	0%	
Sylhet Area	0	0.00	463	0	0	0%	
Barisal Area	0	0.00	386	0	0	0%	
Rangpur Area	0	0.00	754	0	0	0%	
Total	92	0.00	11600	0	0	0%	

Information of the Generating Units under shut down.

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

Outage

Time	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:08	16:45	Khagrachari-Rangamati 132kV Ckt-2 Scheduled S/D from Khagrachari 132/33kV end Due to Deadline Check of Rangamati- Khagrachari Ckt-02 and from Rangamati 132/33kV end Due to Annual deadline checking.	
-	8:17	Gulshan 132/33kV S/S MT-2 HT is restored.	
-	8:21	Gulshan 132/33kV S/S MT-2 LT is restored.	
8:41	19:32	Aminbazar-Meghnaghat 230kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end.	
9:09	20:15	Aminbazar 400/230/132kV S/S 230 kv Bus 01 Scheduled S/D Due to ATR-01 DS Maintenance Work.	
9:29	11:26	Mirpur 132/33kV S/S T1 LT Scheduled S/D Due to AM Work (Relay Test) by SPMD, Dhaka-2.	
9:30	11:21	Mirpur 132/33kV S/S T1 HT Scheduled S/D Due to AM Work (Relay Test) by SPMD, Dhaka-2.	
9:39	13:47	Sreepur 230/132/33kV S/S 230/132 kv T-2 HT Project Work S/D Due to SAS integration.	
9:39	13:48	Sreepur 230/132/33kV S/S 230/132 kv T-2 LT Project Work S/D Due to SAS integration.	
9:52	17:23	Chowrast-Tongi 230kV Ckt-1 Project Work S/D from Tongi 230/132/33kV end.	
9:55	-	Muttuali 132/33kV S/S 132kV Bus-1 Scheduled S/D Due to For Anti-corrosive painting work.	
10:07	20:13	Rajshahi 230/132/33kV S/S 132/33 kv T-01 (406T) LT Project Work S/D Due to Nesco 33kV Project Work.	
10:07	20:12	Rajshahi 230/132/33kV S/S 132/33 kv T-01 (406T) HT Project Work S/D Due to Nesco 33kV Project Work.	
10:14	-	Nattarbari U-2 tripped due to problem with feed pump.	
10:38	11:43	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to AM Work (Relay Test) by SPMD, Dhaka-2.	
11:06	22:13	Cumilla(N)-Daudkandi 132 kv Ckt-1 Forced S/D from Daudkandi 132/33kV end Due to maintenance work of cumilla end.	
11:09	22:14	Cumilla(N)-Daudkandi 132 kv Ckt-2 Forced S/D from Daudkandi 132/33kV end Due to maintenance work of cumilla end.	
11:15	11:50	Khulna (C) S/S Tr-3 405T LT Forced S/D Due to Due to 33kv switch years side fire hazardous secutation.	24.0MW load interrup.
11:15	11:50	Khulna (C) S/S Tr-3 405T HT Forced S/D Due to Due to 33kv switch years side fire hazardous secutation.	24.0MW load interrup.
11:15	11:52	Khulna (C) S/S Tr-2 415 T LT Forced S/D Due to Due to 33kv switch years side fire hazardous secutation.	17.0MW load interrup.
11:15	12:05	Khulna (C) S/S Tr-1 425T LT Forced S/D Due to Due to 33kv switch years side fire hazardous secutation.	17.0MW load interrup.
11:15	12:05	Khulna (C) S/S Tr-1 425T HT Forced S/D Due to Due to 33kv switch years side fire hazardous secutation.	17.0MW load interrup.
11:15	11:52	Khulna (C) S/S Tr-2 415 T HT Forced S/D Due to Due to 33kv switch years side fire hazardous secutation.	17.0MW load interrup.
11:40	14:15	Kazia 132/33kV S/S GT-1 HT Project Work S/D Due to For gas density meter installation from CCCE project.	
11:41	12:25	Mirpur 132/33kV S/S T2 LT Scheduled S/D Due to AM Work (Relay Test) by SPMD, Dhaka-2.	
11:45	12:21	Mirpur 132/33kV S/S T2 HT Scheduled S/D Due to AM Work (Relay Test) by SPMD, Dhaka-2.	
12:00	-	Day Peak generation = 10,944MW	
14:20	-	CB close of 230kv Bogura ckt-01 (Bay commissioning of Bogura ckt-01 "without line").	
14:22	-	CB close of 230kv Bogura ckt-02 (Bay commissioning of Bogura ckt-02 "without line").	
14:22	15:22	Khagrachari 132/33kV S/S TR-2 LT Forced S/D Due to Red hot at secondary CT of TR-01.	
14:23	15:21	Khagrachari 132/33kV S/S TR-2 HT Forced S/D Due to Red hot at secondary CT of TR-01.	
14:24	-	CB close of 230kv Naogaon ckt-02 (Bay commissioning of Naogaon ckt-02 "without line").	
14:24	-	DA1 CB close of 230kv Naogaon ckt-01 (Bay commissioning of Naogaon ckt-01 "without line").	
14:25	-	CB close of 230kv Parbatipur ckt-01 (Bay commissioning of Parbatipur ckt-01 "without line").	
14:25	-	CB close of 230kv Parbatipur ckt-02 (Bay commissioning of Parbatipur ckt-02 "without line").	
14:41	-	Meghnaghat 400/230 kv T-2 tripped showing O/C.	
15:25	-	Meghnaghat 400/230 kv T-2 was switched on.	
15:40	15:47	Rampura 230/132kV S/S Auto Transformer - 04 LT Project Work S/D.	
15:40	15:45	Rampura 230/132kV S/S Auto Transformer - 04 HT Project Work S/D.	
17:30	-	Sylhet 225 MW CPHP Synchronized with remarks:- GT.	
19:00	-	Evening Peak Gen. : 11835 MW	
19:30	-	Haliashahar-Khulshi 132kV Ckt-1 Tripped from Khulshi 132/33kV end showing QUADRAMHO C- Phase Trip Aided Trip CDD Instantaneous trip relays.	
19:30	-	Rampur 230/132/33 S/S Khulshi-1 Tripped showing REL670 relays Due to General Trip. Distance Trip. B-phs. at sas panel- Main Prot Trip. Last Fault Distance 0.48 km.	
19:30	23:01	Rampur 230/132/33 S/S 230kV BUS-01 Tripped showing REC670 relays Due to Bus Coupler Tripped which is not added. kufsi-1 tripped and 230kV bus coupler tripped.	
19:33	-	Aminbazar - Meghnaghat 400 kv line-1 was switched on.	
21:28	22:50	Rampur 230/132/33 S/S Khulshi-2 Tripped showing REL670 relays Due to kufsi-1 trail from kufsi grid and tripped kufsi-2.	
21:29	22:18	Haliashahar 132/33kV S/S Haliashahar-Khulshi-Ckt-3 Tripped showing Distabnce & O/C relay relays Due to B-ph O/C & E/F trip.	
21:29	22:03	Bakulia-MSML 132 kv Ckt-2 Tripped from Bakulia 132/33kV end showing Distance Relay (Zone-4) Distance: 27.1km relays.	
21:29	21:45	Bakulia-Khulshi 132 kv Ckt-1 Tripped from Bakulia 132/33kV end showing Distance Relay (Zone-4) Distance: 26.6km relays.	
3:58	4:35	Patuakhali 132/33kV S/S 425T (T-3) LT Tripped showing O/C & E/F relays Due to Due to bird fall on 33 kv bus .	37.0MW load interrup.
3:58	4:36	Patuakhali 132/33kV S/S 415T (T-2) LT Tripped showing O/C & E/F relays Due to Due to bird fall on 33 kv bus .	37.0MW load interrup.
3:58	4:22	Patuakhali 132/33kV S/S 405T (T-1) LT Tripped showing O/C & E/F relays Due to Due to bird fall on 33 kv bus .	37.0MW load interrup.
5:00	-	Minimum generation is 5132 MW	
6:29	7:46	Panchagarh 132/33kV S/S T-1(407T) LT Scheduled S/D Due to Project work.	
6:30	7:45	Panchagarh 132/33kV S/S T-1(407T) HT Scheduled S/D Due to Project work.	
6:35	7:42	Panchagarh 132/33kV S/S 33kV Bus Scheduled S/D Due to Project work.	
07:03	-	Aminbazar-Meghnaghat 230kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end.	
07:26	-	Rajshahi 132/33kV S/S Transformer T-1(405T) LT Scheduled S/D Due to General cleaning	
07:26	-	Rajshahi 132/33kV S/S Transformer T-1(405T) HT Scheduled S/D	
07:28	07:32	Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to 33 kv Bus Coupler DS open from PDB (33 kv side)	18.0MW load interrup.
06:20	-	Chandpur 132/33kV S/S 422T LT Scheduled S/D Due to 33 kv Bus coupler T5 maintenance work	13.0MW load interrup.
06:22	-	Bogura(New)-Naogaon 132 kv Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
06:23	-	Bogura(New)-Naogaon 132 kv Ckt-2 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
06:25	-	Bhandaria 132/33kV S/S Transformer-2 LT Project Work S/D Due to 33 kv BUS DS Replacement.	12.0MW load interrup.
06:46	-	Sirajganj-Ullahpara 132kV Ckt-2 Project Work S/D from	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle