

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

Reporting Date : 26-Feb-24

Till now the maximum generation is :-		15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		25-Feb-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		10066.0	MW	Hour :	12:00	Min. Gen. at	6:00
Evening Peak Generation :		10307.0	MW	Hour :	19:00	Available Max Generation	12703
E.P. Demand (at gen end) :		10307.0	MW	Hour :	19:00	Max Demand (Evening) :	10000
Maximum Generation :		10307.0	MW	Hour :	19:00	Reserve(Generation end)	2703
Total Gen. (MKWH) :		218.144		System Load Factor :	88.27%	Load Shed	0

Export from East grid to West grid - Maximum		950	MW	at	22:00	Energy	
Import from West grid to East grid - Maximum						Energy	
Actual :		84.34	Fl.(MSL) .	Rule curve :	93.60	Fl.(MSL)	

Gas Consumed :	Total =	837.10	MMCFD.	Oil Consumed (PDB) :			
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk308,648,225		Oil :	Tk176,208,969	Total :	Tk966,919,026
	Coal :	Tk482,061,832					

Load Shedding & Other Information							
Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		MW		
Dhaka	0	0.00	3564		0	0	0%
Chittagong Area	16.48	0.00	973		0	0	0%
Khulna Area	19.51	0.00	1362		0	0	0%
Rajshahi Area	0	0.00	1182		0	0	0%
Cumilla Area	0	0.00	973		0	0	0%
Mymensingh Area	0	0.00	723		0	0	0%
Sylhet Area	0	0.00	406		0	0	0%
Barisal Area	0	0.00	338		0	0	0%
Rangpur Area	0	0.00	660		0	0	0%
Total	0	0.00	19182		0	0	0%

Information of the Generating Units under shut down.	
Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2 2) Ghorasal-3, 5, 7 3) Shahbazar 330 MW 4) Baghaban-7,1,100 MW 5) Raocan unit-2 6) Siddhirganj 210 MW. 7) Meghnad-450 MW.

Outage Time	Restore Time	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:14	16:51	Bagerhat-Labanchura 132 KV Ckt-2 Scheduled S/D from Bagerhat 132/33kV end.	
08:16	16:48	Gopalganj-Labanchura 132KV Ckt-2 Scheduled S/D from Gopalganj 132/33kV end Due to for stringing work by NWPGL.	
08:21	19:51	Haripur 230/132kV S/S Auto TR-1 LT Scheduled S/D Due to Loop and Clamp Changing work.	
08:21	19:51	Haripur 230/132kV S/S Auto TR-2 HT Scheduled S/D Due to Loop and Clamp Changing work.	
08:27	08:27	Banihashi 132/33kV S/S T-1 (405T) HT is restored.	
08:28	08:28	Banihashi 132/33kV S/S T-1 (405T) LT is restored.	
08:32	09:40	Cox'sbazar-Dohazari 132 KV Ckt-1 Tripped from Dohazari 132/33kV end showing Distance relays.	57.0MW load interruption.
08:32	08:43	Cox'sbazar-Dohazari 132 KV Ckt-2 Tripped from Dohazari 132/33kV end showing Zone -02 relays.	
08:47	13:46	Chapai 132/33kV S/S Chapai Rahanpur ckt 2 Scheduled S/D Due to scada INTEGRATION	
08:47	13:46	Rahanpur 400/132kV S/S Rahanpur-Chapainabaganj 132 KV Line Ckt-02 Scheduled S/D Due to For scada maintenance	
08:55	12:32	Bheramara 230/132kV S/S Bus-A (230) Scheduled S/D	
08:55	12:08	Bakulia-Khulshi 132 KV Ckt-1 Scheduled S/D from Khulshi 132/33kV end Due to Annual Maintenance.	
08:58	12:23	Ashuganj-Cumilla(N) 230 KV Ckt-1 Scheduled S/D from Cumilla(N) 230/132/33kV end. and from Ashuganj 230/132/33kV end Due to DS Temperature issue.	
09:06	17:43	Bibiana-Shahjibazar 230 KV Ckt-2 Scheduled S/D from Bibiana 400/230kV end Due to AM	
09:16	09:16	Rajshahi 132/33kV S/S Transformer T-1(405T) HT is restored.	
09:17	09:17	Rajshahi 132/33kV S/S Transformer T-1(405T) LT is restored.	
09:24	16:04	Ashuganj-Sreepur 230 KV Ckt-1 Scheduled S/D from Ashuganj 230/132/33kV end Due to Annual maintenance work	
09:37	16:04	Kalyanpur 132/33kV S/S Main bus Scheduled S/D Due to Annual maintenance	
09:43	13:14	Kalyanpur 132/33kV S/S GT-2 (132kV) HT Scheduled S/D Due to annual maintenance	
09:44	18:36	Bibiana-III - 400 MW CAPP Synchronized with remarks- ST	
10:04	18:36	Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-1 Project Work S/D Due to Project Work , SAS	
10:05	15:25	Rampura 230/132kV S/S Capacitor Bank- 2 Scheduled S/D Due to Capacitor cell (C2G2) replace	
10:15	10:15	Fenchugonj CAPP Phase-1 Shutdown with remarks- STG	
10:18		Fenchugonj CAPP Phase-1 Shutdown with remarks- GT	
10:18		Fenchugonj CAPP Phase-1 Shutdown with remarks- (GT)	
10:21	11:47	BIPTC S/S 10CF14 Forced S/D Due to shutdown is taken for maintenance work due to tripping	
10:36	10:35	Keraniganj 230/132/33kV S/S Hasanabadi Scheduled S/D Due to Dead Line Checking	
10:36	17:35	Aggreko-keraniganj 132kV Ckt-1 Scheduled S/D from Keraniganj 230/132/33kV end Due to Dead Line Checking	
10:43	14:32	Keraniganj-Sreenagar 132kV Ckt-1 Scheduled S/D from Sinagar 132/33kV end Due to Keraniganj ckt-01 dead line checking and from Keraniganj 230/132/33kV end Due to Dead Line Checking	
12:00		Day Peak Generation: 10066 MW.	
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12:44	15:10	GPH 230/33kV S/S Transformer-01(D05) HT Scheduled S/D Due to General Inspection and Tightness Checking	
13:19	13:19	Joydebpur 132/33kV S/S GT-3 HT is restored.	
13:42	16:16	Kalyanpur 132/33kV S/S GT-3 (132kV) HT Scheduled S/D Due to Annual maintenance	
14:02	14:02	Bibiana 400/230kV S/S Bibiana-South (Back feed) is restored.	
14:21	15:59	Cox'sbazar-Dohazari 132 KV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to Shut Down taken by Coxbazar Grid	
14:48	17:50	Keraniganj-Sreenagar (T at Powerpac: 100MW) 132kV Ckt-2 Scheduled S/D from Keraniganj 230/132/33kV end Due to Dead line check. and from Sinagar 132/33kV end Due to Keraniganj ckt-02 dead line checking purpose.	
14:50		914 B CB S/D in Takunga 132/33 kv S/S.	
15:08	15:27	Haripur 230/132kV S/S Auto TR-3 HT Tripped showing OCEF. LOR-86T relays.	
15:08	16:06	Haripur-Siddhirganj 132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing Distance relay Trip Dist. 2.1 KM relays Due to Z-2. Distance relay trip	
15:08	15:41	Haripur 230/132kV S/S Auto TR-1 HT Tripped showing OCEF. LOR-86T relays.	
15:08	15:48	Haripur 230/132kV S/S Auto TR-1 LT Tripped showing OCEF relays.	
15:08	15:47	Haripur 230/132kV S/S Auto TR-3 LT Tripped showing Relay-186, 286, 386 relays.	
15:08	20:00	Haripur 230/132kV S/S 132kV Bus Coupler Tripped showing OCEF relays Due to None	
15:08	20:00	Haripur 230/132kV S/S 132kV Reserve Bus Sec-2 Tripped showing OCEF relays.	
15:08	16:02	Haripur 230/132kV S/S 132kV Main Bus Sec-2 Tripped showing OCEF relays.	
15:09		Haripur EGCB 412 MW, Rampal Unit-1, Bakhali SS Power Unit-2, Barisal Electric 307 MW, Sonargaon 104 MW (Orion), Daudkandi 50 MW (Titas), Madanganj 55 MW PP were tripped at 15:09 hrs.	1100MW generation interruption.
15:09		Haripur 412 MW CAPP Tripped	
15:09		Rampal 1320 MW (BIFPCL) Tripped with remarks- U1	
15:09		Barisal 307 MW Tripped	
15:09		Full load (524 MW) Interruption occurred under Haripur 230/132 KV S/S. Sonargaon 132/33 KV S/S, Bhulda 132/33 KV S/S, Narsingdi 132/33 KV S/S(partial), Daudkandi 132/33 KV S/S from 15:09 hrs. to 15:50 hrs. due to Haripur 132 KV Bus fault caused by Isolator of Bhulda 132kV ckt Flushing.	
15:10	16:01	Haripur-Madanganj 132kV Ckt-1 Tripped from Madanganj 132/33kV end showing Main Protection Trip Zone-2 Trip R, Y & B phase pickup relays Due to None.	
15:10	16:01	Madanganj 132/33kV S/S Madanganj -Haripur 132 kv Ckt-2 Tripped showing General Trip Zone-2 Trip R, Y & B Phase Pickup relays Due to None	
15:10	16:00	Sonargaon 132/33kV S/S Tr-1 LT Tripped showing P-127 relays Due to Grid power failure.	42.0MW load interruption.
15:10	15:59	Sonargaon 132/33kV S/S Tr-2 LT Tripped showing p-127 relays Due to Grid power failure.	
15:10	15:56	Haripur-Sonargaon 132kV Ckt-2 Tripped from Sonargaon 132/33kV end showing General trip, Zone-01, RYB phase fault. relays Due to trip	
15:10	15:55	Haripur-Sonargaon 132kV Ckt-1 Tripped from Sonargaon 132/33kV end showing General trip, Zone-01, RYB phase fault. relays Due to trip.	
15:15	16:06	Siddhirganj 132/33kV S/S T-2 HT Tripped showing line 1.6 OC 3 PHA-1 , Z-3 Distance relay. relays Due to BUS Trip Haripur end.	
15:26		SS Power Tripped with remarks- Unit-2	
15:54	15:54	Naogon-Niyamatpur 132kV Ckt-1 is restored.	
16:23	18:42	Rampal 400/230kV S/S Gopalganj Line-1 Reactor Forced S/D Due to Low Voltage	
17:04	17:04	Cox'sbazar-Dohazari 132 KV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to Shut Down taken by Coxbazar grid.	
17:17	17:17	Naogon-Niyamatpur 132kV Ckt-1 Forced S/D from Niamatpur 132/33kV end Due to In order of NLDC executive engineer SS Power Synchronized	
17:29	18:42	Cox'sbazar-Dohazari 132 KV Ckt-1 Scheduled S/D from Cox'sbazar 132/33kV end Due to Line Maintenance	22.0MW load interruption.
17:35		914 B CB syn in Takunga 132/33 kv S/S.	
17:47		Haripur 412 MW CAPP Synchronized with remarks- GT	
18:09	18:18	BIPTC S/S 10CF25 Tripped showing 186, 286 relays Due to Tripped by capacitor unbalance stage 2	
19:00		Aminabazar-Meghnaghat 230/33kV Ckt-2 is restored.	
19:02		Evening Peak Gen. 10307 MW	
19:12		Rampal 1320 MW (BIFPCL) Synchronized with remarks- u1	
19:45		Haripur 412 MW CAPP Synchronized with remarks- ST	
21:05		BIPTC S/S 10CF25 Forced S/D Due to for corrective maintenance due to trip	
23:57		Barisal 307 MW Synchronized	
02:32		Gopalganj 132/33kV S/S Gopalganj 100 MW PS Tripped showing General Trip. relays Due to PT Blast.	
06:00		Haripur-Madanganj 132kV Ckt-1 Forced S/D from Madanganj 132/33kV end Due to Ordered by NLDC to decrease the bus voltage	
07:03		Min. Gen. 6491 MW	
07:04		Rajshahi 132/33kV S/S Transformer T-3 (425T) LT Scheduled S/D Due to Maintenance work of T-3 (i) 33kV Bus.	15.0MW load interruption.
07:04		Rajshahi 132/33kV S/S Transformer T-3 (425T) HT Scheduled S/D Due to Maintenance work of T-3 (ii) 33kV Bus.	
07:08		Aminabazar-Meghnaghat 230kV Ckt-2 Scheduled S/D from Aminabazar 400/230/132kV end Due to Line Isolator Disc Clean	

Sub Divisional Engineer Network Operation Division	Executive Engineer Network Operation Division	Superintendent Engineer Load Despatch Circle
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