

POWER GRID COMPANY OF BANGLADESH LTD.									
NATIONAL LOAD DESPATCH CENTER									
DAILY REPORT									
Till now the maximum generation is :-				15648.0		21:00 Hrs on 19-Apr-23		Reporting Date : 28-Apr-23	
The Summary of Yesterday's				27-Apr-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation				11335.0 MW		Hour : 12:00		Min. Gen. at 6:00 7561	
Evening Peak Generation :				7753.0 MW		Hour : 20:00		Available Max Generation : 14443	
E.P. Demand (at gen end) :				7753.0 MW		Hour : 20:00		Max Demand (Evening) : 11000	
Maximum Generation :				11551.0 MW		Hour : 14:00		Reserve(Generation end) : 3443	
Total Gen. (MKWH)				241.1		System Load Factor 86.96%		Load Shed : 0	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid - Maximum				-40 MW		at 6:00		Energy	
Import from West grid to East grid - Maximum								Energy	
Actual : Water Level of Kaptai Lake at 6:00 A.M on 28-Apr-23				75.19		FL.(MSL.)		Rule curve : 82.60 FL.(MSL.)	
Gas Consumed : Total = 1076.18 MMCFD.						Oil Consumed (PDB) :		HSD : FO :	
Cost of the Consumed Fuel (POB+Pvt) :				Gas : Tk170,873,824 Coal : Tk257,435,735		Oil : Tk419,639,340		Total : Tk847,948,899	
Load Shedding & Other Information									
Area		Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)	
		MW				Estimated Shedding (S/S end)			
						MW			
Dhaka		0	0.00	3765		0		0%	
Chittagonga Area		0	0.00	1044		0		0%	
Khulna Area		0	0.00	1372		0		0%	
Rashtali Area		0	0.00	1209		0		0%	
Cumilla Area		0	0.00	1033		0		0%	
Mymensingh Area		0	0.00	848		0		0%	
Sylhet Area		0	0.00	384		0		0%	
Barisal Area		0	0.00	309		0		0%	
Rangpur Area		0	0.00	670		0		0%	
Total		0	0.00	16653		0		0%	
Information of the Generating Units under shut down.									
Planned Shut-Down						Forced Shut-Down			
						1) Barapukuria ST. Unit- 2 2) Ghoraal-3,7 3) Bhula Nuton Biddut 4) Baghabani-100 MW 5) Razzan unit-2 6) Siddhirganj 210 MW 7) Shajibazar 330 MW 8) Siralganj- 2 9) Barisal 307 MW			
Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.							Remark
Time	Time								
8:15	14:16	Agargaon 230/132kV S/S 132kV Transformer-1 (405T1) LT Scheduled S/D Due to Detected & Removed oil Leakage of 132/33kV Tr-1.							
8:20	12:57	Saver 132/33kV S/S T-2 LT Scheduled S/D Due to Red hot maintenance.							
8:20	12:57	Saver 132/33kV S/S T-2 HT Scheduled S/D Due to Red hot maintenance.							
8:20	17:25	Madanganj 132/33kV S/S 132kV Main Bus Scheduled S/D.							
8:26	14:11	Agargaon 230/132kV S/S 132kV Transformer-1 (405T1) HT Scheduled S/D Due to Detected & Removed oil Leakage of 132/33kV Tr-1.							
8:41	-	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to By pass DS Maintenance work.							
-	9:01	Khulna 330 MW P/S Synchronize.							
9:08	16:25	Mirpur 132/33kV S/S Reserve Bus Scheduled S/D Due to By pass DS Maintenance work.							
9:17	14:52	HVDC Bheramara- Ishwardi 230kV Ckt-3 Scheduled S/D from Ishwardi 230/132kV end Due to A.M.							
9:31	14:52	HVDC Bheramara- Ishwardi 230kV Ckt-3 Scheduled S/D from BIPTC end Due to Annual maintenance.							
9:45	-	ICT-1 Shutdown at Rampal P/S due to preventive Maintenance.							
9:52	18:40	BIPTC S/S 230kV Bus-2 Scheduled S/D Due to Annual maintenance.							
10:13	-	Akhuganj 132/33kV T-4 both sides tripped showing differential relay at HT side.							17MW load interup.
10:53	12:10	Saidpur 132/33kV S/S TR-4 (414T) LT Forced S/D Due to Due to red hot happen at 33kV BUS under T4 transformer.							25.0MW load interup.
10:53	12:06	Saidpur 132/33kV S/S TR-4 (414T) HT Forced S/D Due to Due to red hot happen at 33kV BUS under T4 transformer.							25.0MW load interup.
10:57	12:11	Shahjadpur 132/33kV S/S T-2(415T) HT Forced S/D Due to Red-hot maintenance (33kV incoming DS (b-phase).							
11:20	12:20	Madanganj 132/33kV S/S Madanganj -OPDC Char sayedpur 132k Ckt-1 Scheduled S/D.							
12:08	-	Sylhet CCPP 225 MW tripped.							
12:31	12:48	Rampura-Mogbazar 132kV ckt-1 tripped from Mogbazar end showing bus protection relay.							103MW load interup.
12:31	-	Rampura-Mogbazar 132kV ckt-2 tripped from Mogbazar end showing bus protection relay.							103MW load interup.
13:03	14:23	Saver 132/33kV S/S T-1 LT Scheduled S/D Due to Red hot maintenance.							
13:04	14:23	Saver 132/33kV S/S T-1 HT Scheduled S/D Due to Red hot maintenance.							
-	13:20	Rampura-Mogbazar 132kV ckt-2 was switched on.							
14:15	-	Siddhirganj GT Unit- 2 was shutdown due to filter change.							
-	14:18	Pabna -Shahjadpur 132kV Ckt-1 is restored.							
14:24	-	Saver 132/33kV S/S T-3 LT Scheduled S/D Due to Piling work of blast wall of 132/33kV T-4 transformer and also Red hot maintenance work.							
14:24	-	Saver 132/33kV S/S T-3 HT Scheduled S/D Due to Piling work of blast wall of 132/33kV T-4 transformer and also Red hot maintenance work.							
-	15:31	Bogura West 400kV Reactor ON.							
-	16:03	Madanganj 132/33kV S/S Madanganj -Summit 102 MW 132 kv Ckt is restored.							
-	16:13	Sylhet CCPP 225 MW GT was sync.							
16:42	-	Ghorasal-Narsingdi 132 kV Ckt-2 Tripped from Narsingdi 132/33kV end showing Relay Operated from Ghurashal end. relays.							
16:44	-	Pabna 132/33kV S/S T-2 HT Tripped showing -SF6 GAS CB OPEN PHASE ALARM -SF6 GAS CB Reclosing Lockout -O/C, E/F -Differential Trip -Lock out RY Trip -Oil Temp Alarm -B.H Relay Alarm -Trip circuit Supervision RY relays Due to SKY Wire problem (Disconnected) of 33 kV isuganjar and University line under (PBS-2).							
16:46	-	Pabna 132/33kV S/S T-2 LT Tripped showing Lockout RY trip relays.							
16:46	16:48	Daudkandi-Sonargaon 132 kV Ckt-2 Tripped from Daudkandi 132/33kV end showing Distance Relay (P442) relays Due to Heavy storm and from Sonargaon 132/33kV end showing General trip, Zone-1 trip, B-phase fault, Carrier send relays Due to Trip for thunderstorm.							
16:51	-	Khulna (S)-Sathkira 132kV Ckt-2 Tripped from Sathkira 132/33kV end showing Distance relay relays.							
17:00	-	Gopalganj(N)-Madaripur 132kV Ckt-1 Tripped from Gopalganj 400/132kV end showing Zone-1 relays Due to Zone-1, Phase AC, Distance 2km.							
17:40	18:10	Mutaul-Siddhirganj 132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing 1) O/C 2) E/F relays Due to Trip from Mutaul End (Siddhirganj end CB ON).							32.0MW load interup. Siddhirganj 132/33kV end.
17:40	20:15	Mutaul-Mankiragar 132 kV ckt tripped from Mutaul end showing O/C, E/F relay.							
17:41	-	Ghorasal GT-4 was shutdown. due to bad weather.							
17:41	18:21	Siddhirganj-Siddhirganj (Orion)132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing 1)Simense SIPROTEC I General Trip (y) O/C (N) E/F (Y) DEF 2) ckt cut out rels Due to Storm.							
17:41	19:07	Siddhirganj 132/33kV S/S 120MW EGCB GT1 Tripped showing 1) LBB Initiation in ABB RED 670 Relay 2)86 relays Due to Storm.							
17:45	18:49	Khulna(C) -Noapara 132kV Ckt-1 Forced S/D from Khulna (C) end Due to Due to over voltage control by order to NLDC. and from Noapara 132/33kV end Due to Instructed By ALDC Khulna.							
17:46	18:52	Sonargaon 132/33kV S/S OPSL(IEI-2) Tripped showing General trip, OV trip/ ALM relays Due to Line trip.							
17:47	18:50	Jashore-Noapara 132kV Ckt-1 Forced S/D from Noapara 132/33kV end Due to Instructed By ALDC Khulna.							
17:50	18:58	Gopalpara- Khulna (C) 132kV Ckt-2 Forced S/D from Khulna (C) end Due to Due to over voltage control by order to NLDC.							
17:56	19:29	Chandpur- Kachua 132kV Ckt-2 Tripped from Kachua 132/33kV end showing REC650 REL670 relays. and from Chandpur 132/33kV end showing Distance relay REL670 ctn. Distance =2.1 KM. Zone = Z1, Phase = B relays.							
17:57	-	Chandpur 132/33kV S/S 50MW(ST) Power Plant Incomer(T3) Tripped showing Trip Auxillary relay relays.							
18:05	19:11	Aminbazar 400/230/132kV S/S ATR-02 LT Tripped showing 86-1 operated 86-2 operated relays Due to Storm.							
18:05	20:48	Aminbazar 400/230/132kV S/S Gopalganj-1 Tripped showing - 86 2.1 Operated - 86 2.2 Operated - 3 ph 86 - R ph Trip - Y ph Trip - B ph Trip relays Due to Storm.							
18:05	21:36	Gopalganj 400/132kV S/S 400kV Payra Ckt-2 Tripped showing AR Block relays Due to Over Voltage.							
18:05	21:14	Gopalganj 400/132kV S/S 400kV Aminbazar Ckt-1 Tripped showing Ar Block relays Due to Over Voltage.							
18:05	21:56	Gopalganj 400/132kV S/S 400kV Aminbazar Ckt-2 Tripped showing AR block relays Due to Over Voltage.							
18:05	21:55	Aminbazar 400/230/132kV S/S Gopalganj-2 Tripped showing - 86 2.1 Operated - 86 2.2 Operated - 3 ph 86 - R ph Trip - Y ph Trip - B ph Trip relays Due to Storm.							
18:05	22:02	Aminbazar 400/230/132kV S/S ATR-03 HT Tripped showing R ph Int Y ph Int B ph Int 3 ph IN (OHL) relays Due to Storm.							
18:05	22:04	Aminbazar 400/230/132kV S/S ATR-03 LT Tripped showing 86-1 operated 86-2 operated relays.							
18:05	21:55	Gopalganj 400/132kV S/S 400kV Rampal Ckt-1 Tripped showing OV, DTT relays.							
18:05	19:17	Aminbazar 400/230/132kV S/S ATR-02 HT Tripped showing R ph Int Y ph Int B ph Int 3 ph IN (OHL) relays Due to Storm.							
18:11	-	Bagerhat-Mongla 132 kV Ckt-2 Tripped from Bagerhat 132/33kV end showing Distance Relay. relays. and from Mongla 132/33kV end showing Distance Relay. relays Due to Distance Relay Zone-2.							
18:11	-	Mongla SB-Oron solar ckt tripped from Mongla SS end							
18:25	-	Pabna 132/33kV S/S T-2 HT Forced S/D Due to 132/33 kV T-2 HT Tripped showing -SF6 GAS CB OPEN PHASE ALARM -SF6 GAS CB Reclosing Lockout -O/C, E/F -Differential Trip -Lock out RY Trip -Oil Temp Alarm -B.H Relay Alarm -Trip circuit Supervision RY relays due to SKY Wire problem (Disconnected) of 33 kV isuganjar and University line under (PBS-2).							
18:25	-	Pabna 132/33kV S/S T-2 LT Forced S/D Due to 132/33 kV T-2 LT Tripped showing Lockout RY trip relays.							
19:12	19:53	Chaudagram-Feni 132 kV Ckt-2 Tripped from Feni 132/33kV end showing Auto-reclose Relay relays.							150MW generation interup.
19:37	19:57	Sylhet CCPP 225 MW GT tripped due to booster trip.							
19:37	19:51	Jhenaidah-Magura 132 kV Ckt-2 Tripped from Jhenaidah 132/33kV end showing Trip A, B, C Distance trip Zone-1 trip relays.							
-	19:57	Rampal 400/230 kV ICT-1 was switched on.							
20:15	-	Bibiyan South 400 MW was forced shutdown due to fire at GBC vent.							400MW generation interup.
23:18	-	Bhola CCPP 225 MW GT2 was sync. at 23:38 hrs & GT1 was shutdown at 23:50 hrs.							
2:11	0:13	Sylhet CCPP 225 MW GT was sync.							
-	0:13	Bheramara 10MW tripped at 02:11 hrs. due to GBC trip.							390MW generation interup. 180MW generation interup.
-	3:00	Siddirganj CCPP 335MW tripped.							
-	3:09	Bibiyan South 400 MW GT was sync.							
-	6:00	Siddirganj CCPP 335MW GT was sync.							
-	6:09	Kushlia 132/33kV S/S T-1 HT Forced S/D Due to Red hot maintenance.							22.0MW load interup.
-	6:09	Siddirganj 335 MW CCPP GT was shut down for air filter cleaning.							
-	7:25	Faridpur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Hot spot maintenance work.							
-	7:25	Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Hot spot maintenance work.							
-	7:25	Bogura 132/33kV S/S Transformer-2 HT Forced S/D Due to Red Hot.							15.0MW load interup. 15.0MW load interup.
-	7:33	Bogura 132/33kV S/S Transformer-2 LT Forced S/D Due to Red Hot.							
-	7:33	Bibiyan South 400 MW ST was sync.							

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