

POWER GRID COMPANY OF BANGLADESH LTD.									
NATIONAL LOAD DESPATCH CENTER									
DAILY REPORT									
				Reporting Date :		16-Mar-23			
Till now the maximum generation is :-				14782.0		21:00 Hrs on 16-Apr-22			
The Summary of Yesterday's				15-Mar-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation				10196.0 MW	Hour :	9:00	Min. Gen. at	5:00	9006
Evening Peak Generation				12622.0 MW	Hour :	19:00	Available Max Generation		13632
E.P. Demand (at gen end) :				12665.0 MW	Hour :	19:00	Max Demand (Evening) :		13000
Maximum Generation				12622.0 MW	Hour :	19:00	Reserve(Generation end)		632
Total Gen. (MKWH)				257.1	System Load Factor	84.86%	Load Shed		0
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum				140 MW	at	20:00	Energy		
Import from West grid to East grid :- Maximum					at	-	Energy		
Actual :				Water Level of Kaptai Lake at 6:00 A.M on	16-Mar-23	Rule curve :		90.60	FL(MSL)
				77.42	FL(MSL) ,				
Gas Consumed :				Total =	999.10 MMCFD.	Oil Consumed (PDB) :		HSD : FO :	
Cost of the Consumed Fuel (PDB+Pvt) :				Gas :	Tk149,781,416	Oil :		Tk745,718,502	Total : Tk1,095,343,907
				Coal :	Tk199,843,989				
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	4277		0		0%	
Chittagong Area		0	0.00	1184		0		0%	
Khulna Area		0	0.00	1556		0		0%	
Rajshahi Area		0	0.00	1373		0		0%	
Cumilla Area		0	0.00	1172		0		0%	
Mymensingh Area		40	0.00	963		0		0%	
Sylhet Area		0	0.00	435		0		0%	
Barisal Area		0	0.00	351		0		0%	
Rangpur Area		0	0.00	761		0		0%	
Total		40		12072		0			
Information of the Generating Units under shut down.									
Planned Shut-Down				Forced Shut-Down					
				1) Barapukuria ST: U-10) Bhula Nuton Biddut 2) Ghorasal-3/7 3) Ashuganj-5 4) Baghabari-100 MW & 71 MW 5) Raoson unit-2 6) Siddhirganj 210 MW 7) Shajibazar 330 MW 8) Sirajganj-1 & 2 9) Kushiara 163 MW ST					
Outage Time	Restore Time	Additional Information of Machines, lines, interruption / Forced Load shed etc.							Remark
08:13	08:12	Barishal 230/132kV S/S T-4 LT is restored.							
08:15		Barishal 230/132kV S/S T-5 LT is restored.							
		Purbasadpur 132/33kV S/S T-4 Transformer LT Project Work S/D							
	08:21	Purbasadpur 132/33kV S/S T-4 Transformer HT Project Work S/D Due to T-4(20MVA) Replace by new X-former(80/120MVA)							
	08:28	Cantonment 132/33kV S/S Auxiliary Transformer, AT-2 HT is restored.							
	08:30	Cantonment 132/33kV S/S Transformer-2 (T-2) HT is restored.							
	08:34	Cantonment 132/33kV S/S Auxiliary Transformer, AT-2 LT is restored.							
08:38	13:14	Cumilla(N)-Daudkandi 132 kV Ckt-1 Scheduled S/D from Daudkandi 132/33kV end Due to SPMD Relay Test and from Cumilla(N) 230/132/33kV end Due to Relay test daudkandi end							
08:53	16:18	Anowara-Shikabaha 230 kV Ckt-1 Scheduled S/D from Shikalaba 230/132kV end.							
09:00		Day Peak Generation = 10,197MW							
09:06	12:49	Aminbazar-Kallyanpur 132kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Annual maintenance							
09:17	16:20	Patna 132/33kV S/S T-3 HT Scheduled S/D							
09:17	16:22	Patna 132/33kV S/S T-3 LT Scheduled S/D							
09:25	11:25	Gopalganj 132/33kV S/S T1 LT Tripped showing relay relays Due to Auxiliary Tr-1 trip by bird							25.0MW load interrup.
09:25	10:03	Gopalganj 132/33kV S/S T2 LT Tripped showing relay relays Due to T-1 Aux-1 trip by bird							25.0MW load interrup.
	09:30	Sakthira 132/33kV S/S Transformer-2 (T-2) LT is restored.							
	09:30	Sakthira 132/33kV S/S Transformer-2 (T-2) HT is restored.							
	10:11	Kodda 132/33kV S/S Tr-2 (416T) LT is restored.							
10:21	12:27	Sherpur 132/33kV S/S Transformer- 03 LT Scheduled S/D Due to Oil temperature metre change							
10:21	12:27	Sherpur 132/33kV S/S Transformer- 03 HT Scheduled S/D Due to Well temperature metre change							
10:22	10:48	Daudkandi-Sonargaon 132 kV Ckt-2 Tripped from Daudkandi 132/33kV end showing Distance protection Relay relays Due to Earth Fault and from Sonargaon 132/33kV end showing General trip, Zone-01 trip, B-ph fault, carrier send relays.							
10:31	11:22	Rampal-Gopalganj 400kV ckt-1 tripped from Gopalganj end.							
10:31		Barishal Electric tripped.							
10:31		Payra Unit-2 tripped.							
10:31	11:56	Payra-Gopalganj 400kV ckt-2 tripped from Payra end.							
	10:32	Ramganj 132/33kV S/S Transformer -02 HT is restored.							
10:36	13:39	Chandraghona 132/33kV S/S TR-02(416T) LT Scheduled S/D							
10:36	13:38	Chandraghona 132/33kV S/S TR-02(416T) HT Scheduled S/D Due to High maintenance							
11:36	12:49	Cumilla(N) 230/132/33kV S/S 132kV T-05 LT Tripped showing relay relays Due to 33kV Borodhusia Feeder Fault							16.0MW load interrup.
11:42	11:42	Madaripur 132/33kV S/S T1-405T LT Tripped showing Over current Relay (51N) relays.							16.0MW load interrup.
11:42	12:01	Madaripur 132/33kV S/S T1-405T HT Tripped showing relay relays Due to Auxiliary Transformer R phase Out							16.0MW load interrup.
11:42	11:59	Madaripur 132/33kV S/S T2-415T LT Tripped showing relays Due to Auxiliary Transformer-2 R phase Out							16.0MW load interrup.
11:42	11:57	Madaripur 132/33kV S/S T2-415T HT Tripped showing Over current Relay (51N) relays.							16.0MW load interrup.
12:18	12:52	Chandpur 132/33kV S/S 402T HT Tripped showing relay relays Due to 33kV T-2 & T-5 Bus Cuppler DS Y-Phase Post Insulator Broken & Flashing with 33kV Chandpur-3 Feeder R Phase Raiser loop.							12.0MW load interrup.
		Chandpur 132/33kV S/S 402T LT Tripped showing relay relays Due to 33kV T-2 & T-5 Bus Cuppler DS Y-Phase Post Insulator Broken & Flashing with 33kV Chandpur-3 Feeder R Phase Raiser loop.							
	12:20	Rajshahi 132/33kV S/S Transformer T-1(405T) HT is restored.							
	12:49	Aminbazar-Kallyanpur 132kV Ckt-2 is restored.							
13:16	14:17	Daudkandi-Sonargaon 132 kV Ckt-2 Forced S/D from Daudkandi 132/33kV end Due to NLDC Requirement and from Sonargaon 132/33kV end Due to MEZ's PVC line cable বিগ ভাঙা ফল্ট কারণে 132kV B-ph ৩ স্টাফার লক করে cable বদলানো							
		see maintenance work on it							
13:28		Chandpur 132/33kV S/S 412T HT Forced S/D Due to Big sound.							
13:28	13:50	Chandpur 132/33kV S/S 422T LT Forced S/D Due to 33kV T-2 & T-5 Bus Cuppler DS Y-Phase Post Insulator Broken & Flashing with 33kV Chandpur-3 Feeder R Phase Raiser loop.							20.0MW load interrup.
13:28	13:50	Chandpur 132/33kV S/S 422T HT Forced S/D Due to 33kV T-2 & T-5 Bus Cuppler DS Y-Phase Post Insulator Broken & Flashing with 33kV Chandpur-3 Feeder R Phase Raiser loop.							20.0MW load interrup.
14:06	16:16	Aminbazar-Kallyanpur 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Annual maintenance							
15:20		Niamtganj 132/33 kV T3 was first time switched on.							
15:23	17:28	Sonargaon 132/33kV S/S Tr-2 LT Scheduled S/D Due to Auxiliary-02 R-ph fuse maintenance work.							20.0MW load interrup.
15:24	17:27	Sonargaon 132/33kV S/S Tr-2 HT Scheduled S/D Due to Auxiliary -02 transform R-ph fuse maintenance work.							20.0MW load interrup.
16:23		Sylhet CCPP 225 MW GT was sync. at 16:23 hrs.							
16:28	17:51	Gopalganj 132/33kV S/S T1 LT Scheduled S/D Due to REB- 1 Red hot maintenance.							10.0MW load interrup.
16:28	17:50	Gopalganj 132/33kV S/S T1 HT Scheduled S/D Due to REB- 1 Red hot maintenance.							10.0MW load interrup.
16:57	17:14	Brahmanbaria 132/33kV S/S 402T LT Tripped showing relay relays Due to 33kV Nabinagar PBS feeder fault							52.0MW load interrup.
16:57	17:14	Brahmanbaria 132/33kV S/S 401T LT Tripped showing relay relays Due to PBS Nabinagar 33kV feeder fault							52.0MW load interrup.
17:12		Sirpur-Ashuganj 230 kV ckt-1 was first time switched on at 17:12 hrs.							
17:12		Ashuganj - Sirpur 230 kv L-1 was switched on (loaded).							
17:59		Ashuganj 230/132 kv, 150 MVA OAT-11 Tr. was switched on from 132 kv. Convener of Comm. Team: Md. Anwar Hossain, CE							
		A .sh. . Mob: 01711425460							
18:08		Sirajganj - Sirpur 230 kv L-1 was switched on (loaded)							
18:23		khulna 225 MW CCPP GT tripped at 18:23 hrs. gas pressure low.							
18:40		Sirpur 230 kv bus-2 was switched on.							
19:00		Evening Peak Gen. 12622 MW							
19:55		Ashuganj North 360MW ST was sync. at 19:55 hrs.							
01:29	02:26	BSRM-Cumilla(N) 230 kV Ckt-2 Tripped from BSRM 230/33kV end showing 1.Distance trip2.Zone-1 trip3.Y Phase pick up4. AR Close6. Distance 67KM relays.							
01:48	02:14	BSRM-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Dist. Prot. Relay relays. and from BSRM 230/33kV end showing 1.Distance trip2.Zone-1 trip3.Y Phase pick up4. AR close5. AR Block6. Distance 75.5 KM relays.							
01:56	02:26	BSRM-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Dist. Prot. Relay relays Due to none							
02:43		BSRM-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Dist. Prot. Relay relays.							
03:12	03:37	BSRM-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Dist. Prot. Relay relays.							
04:17		BSRM-Cumilla(N) 230 kV Ckt-1 Tripped from BSRM 230/33kV end showing 1.Distance trip2.Zone-1 trip3.Y Phase pick up4. AR Block6. Distance 67 & 8 KM relays. and from Cumilla(N) 230/132/33kV end showing Dist. Prot. Relay							
04:48	05:00	Ashuganj-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Dist. Prot. Relay relays Due to none							
05:00		Minimum Generation: 9006 MW							
05:19		Ashuganj-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Dist. Prot. Relay relays Due to very fog.							
06:21	07:33	Ashuganj-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Dist. Prot. Relay relays Due to very fog.							
07:09	07:25	BSRM-Cumilla(N) 230 kV Ckt-2 Tripped from BSRM 230/33kV end showing 1.Distance trip2.Zone-2 trip3.R Phase pick up4. AR Block6. Distance 79.9 KM relays.							
07:25		Cumilla North-BSRM 230 kV ckt-2 was restored.							
07:32		Rajshahi 132/33kV S/S Transformer T-2(415T) LT Scheduled S/D.							
07:34		Rajshahi 132/33kV S/S Transformer T-2(415T) HT Scheduled S/D.							
	07:40	Rajshahi 132/33kV S/S Transformer T-1(405T) LT is restored.							
Sub Divisional Engineer				Executive Engineer				Superintendent Engineer	
Network Operation Division				Network Operation Division				Load Despatch Circle	