

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 : 25-Jul-23			
The Summary of Yesterday's				24-Jul-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :		13419.0 MW		Hour :		12:00		Min. Gen. at 7:00			
Evening Peak Generation :		15018.0 MW		Hour :		21:00		Available Max Generation :			
E.P. Demand (at gen end) :		15550.0 MW		Hour :		21:00		Max Demand (Evening) :			
Maximum Generation :		15018.0 MW		Hour :		21:00		Reserve(Generation end)			
Total Gen. (MKWH) :		319.9		System Load Factor :		88.75%		Load Shed :			
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum				800 MW		at 22:00		Energy			
Import from West grid to East grid :- Maximum				-		at -		Energy			
Water Level of Kaptai Lake at 6:00 A.M on				25-Jul-23		Rule curve :		FL( MSL )			
Actual :		76.70		FL(MSL) ,		87.84		FL( MSL )			
Gas Consumed :		Total = 1186.22 MMCFD.				Oil Consumed (PDB) :		HSD : FO :			
Cost of the Consumed Fuel (PDB+Pvt) :		Gas : Tk169,858,087		Coal : Tk312,639,373		Oil : Tk919,602,681		Total : Tk1,402,100,141			
Load Shedding & Other Information											
Area		Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding			
		MW		MW		Estimated Shedding (S/S end)		(On Estimated Demand)			
						MW					
Dhaka		45		0:00		5181		0 0%			
Chittagong Area		0		0:00		1427		0 0%			
Khulna Area		77		0:00		2000		0 0%			
Rajshahi Area		0		0:00		1740		0 0%			
Cumilla Area		122		0:00		1431		0 0%			
Mymensingh Area		107		0:00		1065		0 0%			
Sylhet Area		65		0:00		596		0 0%			
Barisal Area		0		0:00		497		0 0%			
Rangpur Area		92		0:00		973		0 0%			
Total		508		14911		0					
Information of the Generating Units under shut down.											
Planned Shut- Down						Forced Shut- Down					
						1) Barapukuria ST: Unit- 1,2 2) Ghorasal-3,7 3) Shahjibazar 330 MW 4) Baghabari-71,100 MW 5) Raozan unit-2 6) Siddhirganj 210 MW .					
Outage		Restore		Additional Information of Machines, lines, Interruption / Forced Load shed etc.						Remark	
Time		Time									
08:36		14:26		Rajshahi 132/33kV S/S 132 kV PPP 50 Mw Scheduled S/D Due to Y phase CVT change.							
		08:52		Bheramara(GK) 132/33kV S/S TR-3 HT is restored.							
		08:53		Bheramara(GK) 132/33kV S/S TR-3 LT is restored.							
		08:58		Sirajganj 132/33kV S/S T4-(445) HT is restored.							
		08:58		Sirajganj 132/33kV S/S T4-(445) LT is restored.							
09:02		20:58		Faridpur-Gopalganj(N) 132 kV Ckt-1 Scheduled S/D from Gopalganj 400/132kV end Due to Faridpur ss side relay test							
		09:30		Kabirpur 132/33kV S/S XFR, T-I HT is restored.							
		09:31		Kabirpur 132/33kV S/S XFR, T-I LT is restored.							
09:58		12:14		Ashuganj 230/132/33kV S/S T-3 Kalabagan HT Tripped showing Lockout relay relays Due to Over current, Earth fault							
09:58		12:15		Ashuganj 230/132/33kV S/S T-3 Kalabagan LT Tripped showing OC/EF(50 and 67)-B,C Phase and lockout relay relays Due to Over current, earth fault							
10:19				Khulna 330 MW CCPP (OIL) GT was sync.							
10:49				Raozan Unit-1 was sync.							
10:55				Barisal Electric 307 MW was sync.							
11:24		13:41		Kabirpur 132/33kV S/S XFR, T-2 LT Scheduled S/D Due to T-2 33 kV bus, S/D is taken by DPBS-1						140.0MW load interrup.	
11:25		13:40		Kabirpur 132/33kV S/S XFR, T-2 HT Scheduled S/D Due to T-2 33 kV bus, S/D is taken by DPBS-1						140.0MW load interrup.	
11:39		12:43		Palashbari 132/33kV S/S TR2-404T LT Forced S/D						20.0MW load interrup.	
11:40		12:42		Palashbari 132/33kV S/S TR2-404T HT Forced S/D						20.0MW load interrup.	
11:54		12:35		BIPTC S/S 10CF13 Forced S/D Due to clearing weeds							
12:00				Day Peak Gen. 13420 MW							
12:35				Sirajganj Unit-2 tripped due to fuel strainer jam						115MW generation interrup.	
12:54		13:41		BIPTC S/S 20DF11 Forced S/D Due to clearing weeds							
13:20		13:53		Ashuganj 230/132/33kV S/S TR-OAT-11 LT Tripped showing over current relays Due to Over current							
13:20		13:54		Ashuganj 230/132/33kV S/S TR-OAT-11 HT Tripped showing Over current relays Due to Over current							
13:20		14:59		Fenchuganj 230/132/33kV S/S AT-02 LT Tripped showing REC 650 relays Due to Due to 230kv side winding temperature trip alarm/Actual temperature was 54, Trip temperature -90. But meter temperature indications was HV-52, MV-54, LV-52)						23.0MW load interrup.	
13:20		14:52		Fenchuganj 230/132/33kV S/S AT-02 HT Tripped showing REC 670, RET 670, RET 615 relays Due to winding temperature trip alarm/Actual temperature was 54, Trip temperature -90. But meter temperature indications was HV-52, MV-54, LV-52)						23.0MW load interrup.	
13:20		14:23		Chattak-Sunamganj 132 kV Ckt-1 Tripped from Sunamganj 132/33kV end showing N/A relays Due to Black Out						42.0MW load interrup. Sunamganj 132/33kV end	
13:21		14:31		Sylhet 132/33kV S/S 75 MW ST PS Tripped showing Due to grid fail. relays.							
13:21		14:31		Sylhet 132/33kV S/S 150MW GT PS Tripped showing Due to grid fail. relays.							
13:21		14:25		Sylhet 132/33kV S/S T4 LT Tripped showing U/F relays.						30.0MW load interrup.	
13:21		14:17		Fenchuganj -Sylhet 132kV Ckt-1 Tripped from Sylhet 132/33kV end showing SOTF relays.							
13:23		14:18		Sylhet 132/33kV S/S T2 LT Tripped showing Emergency Tripped due to grid fail. relays.						45.0MW load interrup.	
13:23		14:25		Sylhet 132/33kV S/S T1 LT Tripped showing Emergency Tripped due to grid fail. relays.						50.0MW load interrup.	
13:25		14:10		Shahjibazar-Sreemangal 132kV Ckt-2 Scheduled S/D from Shahjibazar 132/33kV end Due to Instructed by NLDC							
13:25		14:10		Shahjibazar-Sreemangal 132kV Ckt-1 Scheduled S/D from Shahjibazar 132/33kV end Due to Instructed by NLDC							
13:29		14:20		Beanibazar 132/33kV S/S 132kV Transformer TR-02 LT Forced S/D Due to Line trip						60.0MW load interrup.	
13:29		14:20		Beanibazar 132/33kV S/S 132 kV Transformer TR-01 LT Forced S/D Due to Line trip						60.0MW load interrup.	
13:30		19:35		Ashuganj-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N)230/132/33kV end showing Primary Distance Protection-Mode-TESecondary Distance Protection--C-phaseAIDED TripV--fail relays. and from Ashuganj 230/132/33kV end showing Distance-C phase, Earth fault current protection, AIDED trip, V-fail relays.							
13:40		13:58		Brahmanbaria 132/33kV S/S 403T LT Forced S/D Due to For safe power restoration.							
13:40		14:20		Brahmanbaria 132/33kV S/S 402T LT Forced S/D Due to For safe power restoration.							
13:40		13:57		Brahmanbaria 132/33kV S/S 401T LT Forced S/D Due to For safe power restoration.							
13:49		13:55		Ashuganj-Brahmanbaria 132kV Ckt-1 Forced S/D from Ashuganj 230/132/33kV end Due to 132kv busbar-2 is dead.							
13:49				Sirajganj Unit-2 GT was sync.							
13:50		13:56		Ashuganj-Brahmanbaria 132kV Ckt-2 Forced S/D from Ashuganj 230/132/33kV end Due to 132kv busbar-2 is dead.							
13:51		13:57		Ashuganj-Shahjibazar 132kV Ckt-1 Forced S/D from Ashuganj 230/132/33kV end Due to 132kv busbar-2 is dead.							
14:03		14:11		Fenchuganj-Sreemangal 132kV Ckt-2 Forced S/D from Fenchuganj 230/132/33kV end Due to Blackout, With permission of NLDC						61.0MW load interrup. Fenchuganj 230/132/33kV end	
14:04		14:15		Fenchuganj-Sreemangal 132kV Ckt-1 Forced S/D from Fenchuganj 230/132/33kV end Due to Blackout, With permission of NLDC						61.0MW load interrup. Fenchuganj 230/132/33kV end	
14:05		14:16		Fenchuganj-Sylhet (T at Bianibazar) 132kV Ckt-2 Forced S/D from Fenchuganj 230/132/33kV end Due to Blackout, With permission of NLDC						30.0MW load interrup. Fenchuganj 230/132/33kV end	
14:05		14:21		Fenchuganj 230/132/33kV S/S TR-01 HT Forced S/D Due to Blackout, With permission of NLDC						23.0MW load interrup.	
14:05		14:26		Fenchuganj 230/132/33kV S/S TR-02 HT Forced S/D Due to Blackout, With permission of NLDC							
14:05		14:20		Fenchuganj-Kulaura 132 kV Ckt-2 Forced S/D from Fenchuganj 230/132/33kV end Due to Blackout, With permission of NLDC						23.0MW load interrup. Fenchuganj 230/132/33kV end	
14:05		14:20		Fenchuganj-Kulaura 132 kV Ckt-1 Forced S/D from Fenchuganj 230/132/33kV end Due to Blackout, With permission of NLDC						23.0MW load interrup. Fenchuganj 230/132/33kV end	
14:06		14:17		Fenchuganj-Fenchuganj 132 kV Ckt-1 Forced S/D from Fenchuganj 230/132/33kV end Due to Blackout, With permission of NLDC						50.0MW load interrup. Fenchuganj 230/132/33kV end	
14:06		14:17		Fenchuganj-Fenchuganj 132 kV Ckt-2 Forced S/D from Fenchuganj 230/132/33kV end Due to Blackout, With permission of NLDC						50.0MW load interrup. Fenchuganj 230/132/33kV end 50.0MW load interrup.	
14:06		14:17		Fenchuganj-Fenchuganj 132 kV Ckt-4 Forced S/D from Fenchuganj 230/132/33kV end Due to Blackout, With permission of NLDC						50.0MW load interrup. Fenchuganj 230/132/33kV end	
14:16		14:23		Chattak-Sylhet 132 kV Ckt-2 Tripped from Sylhet 132/33kV end showing Due to system restore purpose. relays.							
14:16		14:22		Sylhet 132/33kV S/S Sylhet-90MW P/S Tripped showing Instruction of NLDC Due to System restore purpose. relays.							
14:16		14:22		Chattak-Sylhet 132 kV Ckt-1 Tripped from Sylhet 132/33kV end showing Due to system restore purpose. relays.							
16:19		16:32		Sylhet 132/33kV S/S T4 LT Tripped showing Due to Over current. relays.							
20:06				Sylhet CCPP 225 MW was sync.							
21:00				Peak generation 15018 MW							
23:45		00:13		Fenchuganj 230/132/33kV S/S AT-02 HT Forced S/D Due to Maintenance.						20.0MW load interrup.	
23:47		00:13		Fenchuganj 230/132/33kV S/S AT-02 LT Forced S/D Due to Maintenance.						20.0MW load interrup.	
07:00				Minimum Generation : 12459 MW							
07:16				Amnura 132/33kV S/S T-1 (406T) HT Scheduled S/D Due to Maintenance of B-Phase CT of T-1							
Sub Divisional Engineer Network Operation Division				Executive Engineer Network Operation Division				Superintendent Engineer Load Despatch Circle			