

POWER GRID COMPANY OF BANGLADESH LTD.											
NATIONAL LOAD DESPATCH CENTER											
DAILY REPORT											
						Reporting Date :		1-Aug-23			
Till now the maximum generation is :-						15648.0		21:00 Hrs on 19-Apr-23			
The Summary of Yesterday's						31-Jul-23		Generation & Demand			
Day Peak Generation		13198.0 MW		Hour :		12:00		Today's Actual Min Gen. & Probable Gen. & Demand			
Evening Peak Generation :		14801.0 MW		Hour :		21:00		Min. Gen. at 7:00			
E.P. Demand (at gen end) :		0.0 MW		Hour :		21:00		Available Max Generation : 12346			
Maximum Generation :		14801.0 MW		Hour :		21:00		Max Demand (Evening) : 15307			
Total Gen. (MKWH) :		317.96		System Load Factor		89.51%		Reserve(Generation end) : 15500			
								Load Shed : 178			
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum				390 MW		at 22:00		Energy			
Import from West grid to East grid :- Maximum				-		at -		Energy -			
Actual :		Water Level of Kaptai Lake at 6:00 A.M on 79.93		FL(MSL) ,		1-Aug-23		Rule curve : 89.00 FL (MSL)			
Gas Consumed :		Total =		1124.55 MMCFD.		Oil Consumed (PDB) :		HSD : FO :			
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :		Tk164,958,993		Coal :		Tk309,892,790			
						Oil :		Tk922,612,182			
						Total :		Tk1,397,463,965			
Load Shedding & Other Information											
Area		Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)			
		MW		MW		Estimated Shedding (S/S end) MW					
Dhaka		40		0.00		5278		55 1%			
Chittagong Area		0		0.00		1455		22 2%			
Khulna Area		0		0.00		2039		22 1%			
Rajshahi Area		60		0.00		1773		18 1%			
Cumilla Area		40		0.00		1458		18 1%			
Mymensingh Area		170		0.00		1085		15 1%			
Sylhet Area		0		0.00		608		10 2%			
Barisal Area		0		0.00		507		5 1%			
Rangpur Area		90		0.00		992		13 1%			
Total		400				15195		178			
Information of the Generating Units under shut down.											
Planned Shut-Down						Forced Shut-Down					
						1) Barapukuria ST: Unit- 1,2 2) Ghoraail-3,7 3) Shahjibazar 330 MW 4) Baghabari-71,100 MW 5) Razzan unit-2 6) Siddhirganj 210 MW . 7) Shahjibazar-9					
Outage Time		Restore Time		Additional Information of Machines, lines, Interruption / Forced Load shed etc.						Remark	
		08:13		Feni 132/33kV S/S T-1(405T) HT is restored.							
		08:14		Feni 132/33kV S/S T-1(405T) LT is restored.							
		08:16		Goalpara 132/33kV S/S T-6 HT is restored.							
		08:17		Goalpara 132/33kV S/S T-6 LT is restored.							
08:18		09:10		Shahjibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to Red hot Maintenance work by Habiganj Pbs						40.0MW load interrup.	
08:20		09:07		Shahjibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to Red hot Maintenance work by Habiganj Pbs						40.0MW load interrup.	
08:38		11:25		Meghnaghat -S.S. power Bashkhali 400 kV ckt was shutdown due to red hot maintenance work by Siemens at Meghnaghat end.							
		08:45		Chhatak 132/33kV S/S T-2 HT is restored.							
		08:46		Chhatak 132/33kV S/S T-2 LT is restored.							
09:02				Khulna 330 MW CAPP GT was sync.							
		09:16		Chandpur 132/33kV S/S 402T HT is restored.							
		09:16		Chandpur 132/33kV S/S 402T LT is restored.							
09:18				Chandpur 132/33kV S/S 200KVA Aux. T-2 LT Scheduled S/D Due to Two station supply transformer LT side MCCB will be stay close condition at a time. Between two station supply Transformer, Normally one station supply transformer LT side MCCB will be stay open.							
		09:19		Chandpur 132/33kV S/S 200KVA Aux. T-1 LT is restored.							
09:44				Kushlari 163MW tripped.						110MW generation interrup.	
10:08		13:55		Gopalganj(N)-Madaripur 132kV Ckt-3 Project Work S/D from Gopalganj 400/132kV end. and from Madaripur 132/33 kV end Due to Teleprotection work							
11:18		16:55		Khulna (S)-Rampal Ckt-1 Scheduled S/D from Khulna(S) 230/132kV end Due to Due to protection test on Rample end and from Rampal 400/230kV end Due to Remotely switching operation Check from NIDC							
11:21				Kushlari 163MW was sync.							
12:00				Day peak generation 13198 MW.							
12:01		12:05		Shahjibazar-Sreemangal 132kV Ckt-2 Tripped from Shahjibazar 132/33kV end showing Distance Relay relays. and from Sreemongol 132/33kV end showing Distance Relay						80MW generation interrup.	
12:30				Kushlari 163MW tripped.						180MW generation interrup.	
13:40				Sylhet CAPP 225 MW tripped due to GT flame failure.							
13:46		14:15		Kabirpur - Manikganj 132kV Ckt-1 Forced S/D from Manikganj 132/33kV end Due to work at Kabirpur end							
14:13		21:47		Madaripur 132/33kV S/S Gopalganj North CKT-04 Project Work S/D Due to Project work							
14:17		21:47		Gopalganj 400/132kV S/S 132kV Madaripur Ckt-4 Project Work S/D							
15:52				Sylhet CAPP 225 GT was sync.							
16:20				Bhola CAPP GT2 tripped.							
16:43		18:26		Hathazari 230/132/33kV S/S T-01 HT Tripped showing Primary 132kV side-Moon relays Due to 33 kV Blue phase XLPE Cable Punched						40.0MW load interrup.	
20:14		20:58		Dohazari 132/33kV S/S Power Transformer -T-2 HT Forced S/D Due to For 33kV Bus DS high temperature maintenance.						20.0MW load interrup.	
20:56		21:30		Bogura 132/33kV S/S Transformer-1 LT Tripped showing 50 relays Due to o/C						20.0MW load interrup.	
20:56				Bogura 132/33kV S/S Transformer-2 LT Tripped showing o/c, E/F relays Due to o/C, E/F						80.0MW load interrup.	
20:56				Bogura 132/33kV S/S Transformer-2 HT Tripped showing 50 relays Due to o/C, E/F							
21:00				Today's peak generation 14801 MW							
21:27		22:37		Shahjadpur 132/33kV S/S T-4(435T) HT Forced S/D Due to 33 kV Incoming CT (B-Phase) Red-hot maintenance work.						15.0MW load interrup.	
21:27		22:39		Shahjadpur 132/33kV S/S T-4(435T) LT Forced S/D Due to 33 kV Incoming CT (B-phase) Red-hot maintenance work.						15.0MW load interrup.	
21:46		22:20		Ashuganj-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Distance protection(B-Phase)Earth fault protection Directional earth fault protection relays Due to None and from Ashuganj 230/132/33kV end showing Distance-B phase, V-fall relays.							
		21:47		Gopalganj 400/132kV S/S 132kV Madaripur Ckt-4 is restored.							
22:28		23:39		Sirajganj 132/33kV S/S T2-(425) LT Forced S/D Due to Red Hot has become visible at 33kV BUS DS Y-phase CB side of T-02 Transformer.						15.0MW load interrup.	
22:29		23:37		Sirajganj 132/33kV S/S T2-(425) HT Forced S/D Due to Red Hot has become visible at 33kV BUS DS Y-phase CB side of T-02 Transformer.							
23:49		00:36		Dohazari 132/33kV S/S Power Transformer -T-2 HT Forced S/D Due to SD taken by Keranihut 33kV feeder for Bus DS high temperature maintenance.						50.0MW load interrup.	
06:08				Dohazari-Sikalbaha 132 kV Ckt-2 Scheduled S/D from Dohazari 132/33kV end Due to Bus coupler Bay conductor change. Doha-ak-01 is on duty. and from Shikalbaha 230/132kV end Due to Maintenance at Dohazari S/S End							
07:00				Min. Gen. 12246 MW.							
Sub Divisional Engineer Network Operation Division				Executive Engineer Network Operation Division				Superintendent Engineer Load Despatch Circle			