

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 : 6-Jul-23
The Summary of Yesterday's		5-Jul-23	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand				
Day Peak Generation :		11456.0	MW	Hour :	12:00	Min. Gen. at	8:00		10625
Evening Peak Generation :		13555.0	MW	Hour :	21:00	Available Max Generation :			15369
E.P. Demand (at gen end) :		13555.0	MW	Hour :	21:00	Max Demand (Evening) :			13800
Maximum Generation :		13555.0	MW	Hour :	21:00	Reserve(Generation end)			1569
Total Gen. (MKWH) :		287.0		System Load Factor :	88.22%	Load Shed :			0
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum				400	MW	at	5:00	Energy	
Import from West grid to East grid :- Maximum				-				Energy	-
Actual :		Water Level of Kaptai Lake at 6:00 A.M on	6-Jul-23	Rule curve :		84.80	FL(MSL)		
		73.26	FL(MSL)						
Gas Consumed :		Total =	1261.44	MMCFD.	Oil Consumed (PDB) :		HSD : FO :		
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk182,539,769		Oil :		Tk17,402,752		Total : Tk1,065,022,620
		Coal :	Tk165,080,100						
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	0	0:00	4631			0		0%	
Chittagong Area	0	0:00	1273			0		0%	
Khulna Area	0	0:00	1763			0		0%	
Rajshahi Area	0	0:00	1550			0		0%	
Cumilla Area	0	0:00	1275			0		0%	
Mymensingh Area	0	0:00	949			0		0%	
Sylhet Area	0	0:00	532			0		0%	
Barisal Area	0	0:00	443			0		0%	
Rangpur Area	0	0:00	867			0		0%	
Total	0		13303			0			
Information of the Generating Units under shut down.									
Planned Shut-Down					Forced Shut-Down				
					1) Barapukuria ST: Unit- 2 2) Ghorasal-3,5,7 3) Shajibazar 330 MW 4) Baghabari-100 MW 5) Raouan unit-2 6) Siddhirganj 210 MW .				
Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.							Remark
Time	Time								
8:52	9:20	Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) LT Tripped showing SIEMENS SIPROTEC S7J85 relays Due to Trip due to df/dt.							29.0MW load interrup.
8:52	9:20	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT Tripped showing SIEMENS SIPROTEC S7J85 relays Due to Trip due to df/dt.							29.0MW load interrup.
8:52	-	Summit Bibiana-2 341MW tripped.							310MW generation interrup.
8:55	9:27	Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing 1. Distance Prot. 21/1 : 23 DEF CN 2. High Impedance Differential 87TEE2 (FDR) : A 3. Master Trip 86T2, 86T4 relays.							70.0MW load interrup.
8:55	-	Rampura-Bashundhara ckt-2 tripped at Bashundhara end showing dist.Z-1 blue phase & ckt restored at 09:17 hrs.							Rampura 230/132kV end. 85MW load interrup.
-	-	Banani shifted to Tongi from Rampura at 09:12 hrs.							
-	9:30	Bog-Sherpur 132/33kV S/S Transformer-2 (414T) HT is restored.							
-	9:31	Bog-Sherpur 132/33kV S/S Transformer-2 (414T) LT is restored.							
-	9:48	Daudkandi 132/33kV S/S Transformer-1 HT is restored.							
-	9:50	Daudkandi 132/33kV S/S Transformer-1 LT is restored.							
-	10:20	Pabna 132/33kV S/S T-1 HT is restored.							
-	10:24	Pabna 132/33kV S/S T-1 LT is restored.							
10:42	13:53	Noapara 132/33kV S/S T-4 LT Forced S/D Due to in between 436B(33kv incoming CB) & CT nut-bolt melted. (After 22 minutes of load interruption 33kV BUS Closed and at 11:06 AM NO LOAD INTRRUPTION).							20.0MW load interrup.
10:48	13:53	Noapara 132/33kV S/S T-4 HT Forced S/D Due to in between 436B(33kv incoming CB) & CT nut-bolt melted. (After 22 minutes of load interruption 33kV BUS Closed and at 11:06 AM NO LOAD INTRRUPTION).							20.0MW load interrup.
-	10:53	Khulna (S)-Sathira 132kV Ckt-2 is restored.							
10:56	12:24	Gallamari- Khulna (S) 132kV Ckt-1 Forced S/D from Gallamari 132/33kV end Due to Maintenance and from Khulna(S) 230/132kV end Due to Red Hot Removed Work.							
12:00	-	Day peak generation=11456 MW							
12:46	13:11	Rangpur-Saidpur 132kV Ckt-2 Tripped from Rangpur 132/33kV end showing Zone-1 A B C Phase relays. and from Saidpur 132/33kV end showing No relays had come. relays.							
12:46	13:23	Rangpur 132/33kV S/S Rangpur-GTPS Tripped showing o/c,E/F relays.							
-	13:56	Bhola CAPP 225MW GT-1 sync.							
15:08	-	400/230 KV T1 S/D in Bogura west S/S.							
-	15:50	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT is restored.							
-	16:14	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) LT is restored.							
16:18	19:09	Khulna (C) S/S TR-1 425T 20.0MW load interrup.							
16:19	19:08	Khulna (C) S/S TR-1 425T HT Scheduled S/D Due to 33 kv bus section-1 s/D by wzpdc							
17:01	18:29	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT Scheduled S/D Due to GT-3 33 kv side Redhot Maintenance.							25.0MW load interrup.
17:01	18:29	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) HT Scheduled S/D Due to GT-3 33 kv side Redhot Maintenance.							25.0MW load interrup.
18:18	19:43	Kakipur 132/33kV S/S XFR, T-2 LT Tripped showing Over current relay. relays Due to T-2 33kV tripped due to Chandra 33kV feeder fault.							60.0MW load interrup.
18:18	19:43	Kakipur 132/33kV S/S XFR, T-1 LT Tripped showing Over current relay. relays Due to T-1 33kV tripped due to Chandra 33kV feeder fault.							60.0MW load interrup.
20:33	23:23	Mithapukur-Rangpur Confidence(100MW) 132kV Ckt-1 Forced S/D from Mithapukur 132/33kV end Due to Confidence Line-01 was open by order of XEN NLDC Sir to avoid overloading of Mohastan-Palashbari line.							
21:00	-	Evening Peak Gen. 13555 MW							
21:53	-	Bogura (W) 400/230 KV T1 was switched on.							
-	2:02	Summit Bibiyana-2 341 MW GT was sync.							
-	4:27	Summit Bibiyana-2 ST Sync.							
5:40	-	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT Scheduled S/D Due to GT-2 Transformer oil centrifuge work.							
7:00	-	Minimum Generation = 10.627MW							
7:10	-	Rajshahi-Rajshahi(New) 132kV Ckt-2 Scheduled S/D from Rajshahi 132/33kV end Due to Red Hotspot maintenance at CT connector at 230/132 Kv S/S.							
7:11	-	HVDC Bheramara- Rajshahi 230kV Ckt-2 Scheduled S/D from Rajshahi 230/132/33kV end Due to CT connector hotspot maintenance.							
7:35	-	Shahjadpur 132/33kV S/S T-4(435T) HT Scheduled S/D.							
Sub Divisional Engineer Network Operation Division				Executive Engineer Network Operation Division				Superintendent Engineer Load Despatch Circle	