

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-Aug-23			
The Summary of Yesterday's				24-Aug-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :		12731.0 MW		Hour :		12:00		Min. Gen. at 7:00 10182			
Evening Peak Generation :		14182.0 MW		Hour :		20:00		Available Max Generation : 14659			
E.P. Demand (at gen end) :		14225.0 MW		Hour :		20:00		Max Demand (Evening) : 13000			
Maximum Generation :		14182.0 MW		Hour :		20:00		Reserve(Generation end) 1659			
Total Gen. (MKWH) :		301.53		System Load Factor		88.59%		Load Shed : 0			
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						720 MW at 20:00		Energy Energy -			
Export from East grid to West grid :- Maximum											
Import from West grid to East grid :- Maximum											
Actual :		Water Level of Kaptai Lake at 6:00 A.M on 102.31		FL(MSL) :		25-Aug-23		Rule curve : 96.69 FL(MSL)			
Gas Consumed :		Total = 1106.51 MMCFD.		Oil Consumed (PDB) :		HSD : FO :					
Cost of the Consumed Fuel (PDB+Pvt) :		Gas : Tk152,622,679		Coal : Tk652,357,048		Oil : Tk561,767,684		Total : Tk1,366,747,411			
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 4373		0		0%			
Chittagong Area		0		0:00 1200		0		0%			
Khulna Area		0		0:00 1681		0		0%			
Rajshahi Area		0		0:00 1461		0		0%			
Cumilla Area		0		0:00 1202		0		0%			
Mymensingh Area		41		0:00 894		0		0%			
Sylhet Area		0		0:00 501		0		0%			
Barisal Area		0		0:00 418		0		0%			
Rangpur Area		0		0:00 817		0		0%			
Total		41		12546		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) Shajibazar 330 MW 4) Baghabari-71,100 MW 5) Razzan unit-2 6) Siddhirganj 210 MW .					
Outage		Restore		Additional Information of Machines, lines, Interruption / Forced Load shed etc.						Remark	
Time		Time									
8:06		8:53		Shajibazar 132/33kV S/S TR-02 LT Scheduled S/D Due to 33 KV side Breaker loop joint hotspot Maintenance. Load flow by TR-04.							
8:07		8:52		Shajibazar 132/33kV S/S TR-02 HT Scheduled S/D Due to 33 KV side Circuit Breaker loop joint hotspot Maintenance. Load flow by TR-04.							
-		8:38		Natore 132/33kV S/S TR-1 (405 T) HT is restored.							
-		8:39		Natore 132/33kV S/S TR-1 (405 T) LT is restored.							
-		9:27		Khulna(C)-Khulna (S) 132kV Ckt-2 is restored.							
-		9:27		Khulna(C)-Khulna (S) 132kV Ckt-2 is restored.							
9:41		-		Siddhirganj CCGP 335MW tripped.						250MW generation interrup.	
-		9:54		Ghorasal-Joydeb-B 132kV Ckt-2 is restored.							
12:00		-		Day peak generation: 12731 MW.							
13:19		14:39		Siddhirganj-Siddhirganj (Orion) 132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing O/C,E/F relays Due to E/F, O/C GE, Trip							
13:19		13:44		Siddhirganj 132/33kV S/S 120MW EGCB GT1 Tripped showing 86 relays Due to LBB INITIATION,86.							
-		13:20		C.newabganj-Rajshahi 132 kV Ckt-1 is restored.							
13:23		-		Meghnaghat 400/230 KV T2 tripped showing a sensitive E/F relay.							
14:18		16:18		Bogura 230/132kV S/S 132KV Main 1 Forced S/D Due to ISOLATOR MAINTENANCE.							
14:20		16:58		Bogura-Bogura (New) 132 kV Ckt-2 Forced S/D from Bogura 230/132kV end. and from Bogura 132/33kV end Due to In order by ALDC.							
-		14:20		Meghnaghat 400/230KV T2 transformer was switched on.							
-		14:45		Siddhirganj GT-1 was sync.							
14:53		17:17		Jamalpur 132/33kV S/S T-2 HT Forced S/D Due to 33kv T-2 Bus R-Phase Conductor Redhot Remove work.						40.0MW load interrup.	
14:53		17:17		Jamalpur 132/33kV S/S T-2 LT Forced S/D Due to 33kv T-2 Bus R-Phase Conductor Redhot Remove work.						40.0MW load interrup.	
15:54		16:26		Joypurhat-Naogaon 132kV Ckt-1 Tripped from Naogaon 132/33kV end showing O/C (A,B,C-phase),Distance(z1),Soft/tor, A/R relays Due to Trip.						40.0MW load interrup. Naogaon 132/33kV end	
-		16:34		Siddhirganj CCGP 335MW GT was sync.							
17:16		-		Bogura 230/132kV S/S 132KV Main 2 Project Work S/D.							
-		17:25		Sylhet CCGP 225 MW ST was sync.							
17:40		-		Gulsan-Rampura 132kV Ckt-2 Tripped from Rampura 230/132kV end showing 1). Distance Trip- Z1 (Y-Phase). 2). INST. E/F. 3) DEF. Trip-S. 4) Master Trip 86 T1 & 86 T2. relays Due to Unknown.							
-		17:58		Siddhirganj CCGP 335MW ST was sync.							
19:42		-		Sylhet CCGP 225 MW ST was shutdown due to control system problem.							
20:00		-		Evening Peak Gen. 14182 MW							
21:10		21:33		Sonargaon 132/33kV S/S Tr-1 LT Tripped showing O/C relays Due to PBS Sonargaon feeder trip.							
22:55		23:13		Faridpur 132/33kV S/S Transformer-1 LT Tripped showing Earth Fault (I) relays Due to 33kV Feeder Kanaipur-01 & REB-01 fault.						71.0MW load interrup.	
22:55		23:14		Faridpur 132/33kV S/S Transformer-2 LT Tripped showing Earth Fault (I) relays Due to 33kV Feeder Kanaipur-01 & REB-01 Fault.						71.0MW load interrup.	
-		23:51		Shitalakhya 132/33kV S/S 132 kV MI Cement is restored.							
0:54		1:01		Faridpur 132/33kV S/S Transformer-2 LT Tripped showing Earth Fault (I) relays Due to Unknown.						60.0MW load interrup.	
0:54		1:01		Faridpur 132/33kV S/S Transformer-1 LT Tripped showing Earth Fault (I) relays Due to Unknown.						60.0MW load interrup.	
3:56		-		BIPTC S/S 200F24 Tripped showing 21R relays Due to Impedance Tripped.							
6:25		-		Noapara 132/33kV S/S T-2 LT Project Work S/D Due to 33kv bus S/D.						28.0MW load interrup.	
6:25		-		Noapara 132/33kV S/S T-4 LT Project Work S/D Due to 33kv bus S/D.						28.0MW load interrup.	
6:26		-		Noapara 132/33kV S/S T-2 HT Project Work S/D Due to 33kv bus S/D.						28.0MW load interrup.	
6:26		-		Noapara 132/33kV S/S T-4 HT Project Work S/D Due to 33kv bus S/D.						28.0MW load interrup.	
6:37		-		Barapukuria-Bogura 230 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Isolator replacement work.							
6:39		-		Bogura 230/132kV S/S 230KV Main 2 Scheduled S/D Due to Isolator replacement work.							
7:00		-		Minimum generation was 10182 MW							
7:25		-		Pabna 132/33kV S/S T-1 LT Project Work S/D Due to New 33KV Square Feeder Bus Connection.						30.0MW load interrup.	
7:26		-		Pabna 132/33kV S/S T-1 HT Project Work S/D Due to New 33KV Square Feeder Bus Connection.							
7:26		-		Pabna 132/33 kv T-1 along with associated 33 kV Bus-1 S/D due to 33 kV Feeder Loop connection work.						34MW load interrup.	
Sub Divisional Engineer Network Operation Division				Executive Engineer Network Operation Division				Superintendent Engineer Load Despatch Circle			

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