

**POWER GRID COMPANY OF BANGLADESH LTD.  
NATIONAL LOAD DESPATCH CENTER  
DAILY REPORT**

Reporting Date : 3-Aug-23

Till now the maximum generation is :-

15648.0

21:00

Hrs

on 19-Apr-23

The Summary of Yesterday's		2-Aug-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		12196.0	MW	Hour :	12:00	Min. Gen. at	8:00
Evening Peak Generation :		14373.0	MW	Hour :	20:00	Available Max Generation	15448
E.P. Demand (at gen end) :		14600.0	MW	Hour :	20:00	Max Demand (Evening) :	14500
Maximum Generation :		14373.0	MW	Hour :	20:00	Reserve(Generation end)	948
Total Gen. (MKWH) :		300.18		System Load Factor	: 87.02%	Load Shed	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		860 MW		at 23:00		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	3-Aug-23		Rule curve :	89.64	Fl( MSL )	
		79.13	Fl( MSL )				

Gas Consumed :	Total =	1174.50	MMCFD.	Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk157,416,046	Oil :	Tk842,426,780	Total :	Tk1,288,557,663
		Coal :	Tk288,714,837				

**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	4955		0	0	0%
Chittagong Area	0	0.00	1364		0	0	0%
Khulna Area	0	0.00	1911		0	0	0%
Rajshahi Area	20	0.00	1662		0	0	0%
Cumilla Area	30	0.00	1367		0	0	0%
Mymensingh Area	105	0.00	1017		0	0	0%
Sylhet Area	62	0.00	570		0	0	0%
Barisal Area	0	0.00	475		0	0	0%
Rangpur Area	0	0.00	929		0	0	0%
<b>Total</b>	<b>217</b>		<b>14249</b>		<b>0</b>		

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) Raozan unit-2
	6) Siddhirganj 210 MW .
	7) Shajibazar-9

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:44	08:44	Ishurdi 132/33kV S/S 132/33 kV T-1 HT is restored.	
08:50	17:55	Keranganj-Sreenagar 132kV Ckt-1 S/D from Srinagar end Due to Sreenagar- Keranganj Line -01 Shutdown.	
10:08	10:08	Kalyanpur-Lalbag 132kV Ckt-1 Tripped from Kalyanpur 132/33kV end showing 1.Main Protection Trip 2.Distance C.	
10:08	10:25	Aminbazar-Kalyanpur 132kV Ckt-1 Tripped from Aminbazar 400/230/132kV end showing REL 316 relays.	
10:32	15:22	Dohazari-Sikalbaha 132 kV Ckt-1 Scheduled S/D from Shikalbaha 230/132kV end.	
10:40	10:55	Tangali 132/33kV S/S RPCL-1 Tripped showing REL670 relays Due to Distance Trip (RPCL End)	
11:05	11:49	Bog-Sherpur 132/33kV S/S Transformer-1 Tripped showing Overcurrent Protection relays Due to 33 kV feeder fault.	66 MW load interrup.
11:05	11:48	Bog-Sherpur 132/33kV S/S Transformer-2 Tripped showing Overcurrent Protection relays Due to 33 kV feeder fault.	
13:38	15:09	Kalyanpur-Lalbag 132kV Ckt-2 Forced S/D from Kalyanpur 132/33kV end Due to opgw maintenance	
15:09	16:53	Kabirpur 132/33kV S/S Main bus Forced S/D due to 132 kV Kadda ckt-1 main bus DS (B phase) bus side connector red hot maintenance	20 MW load interrup.
15:55	16:45	Kishoreganj 132/33kV S/S T1-3 HT Scheduled S/D Due to T3 X-Former Oil leakage Fixing work by CCC.	
16:24	16:45	Maniknagar-Siddhirganj 230kV Ckt-1 Tripped from Siddhirganj end showing Siprotec 7SA87 relays Due to Line Fault and from Maniknagar 230/132kV end showing REL670 relays Due to ERS Tower broken.	330 MW Generation interrup.
17:32	17:45	Kishoreganj 132/33kV S/S T1-3 (424T) HT is restored.	
17:32	17:43	Bagerhat 132/33kV S/S Transformer-2 (413 T) LT Tripped showing O/C time "B" phase. relays Due to 33kV Rampal feeder O/C inst. (A+B+C) time.	17 MW load interrup.
18:40	17:37	Bagerhat 132/33kV S/S Transformer-1 (403T) LT Tripped showing O/C time "B" phase. relays Due to 33kV Rampal feeder O/C inst. (A+B+C) time.	
19:41	18:53	Noapara 132/33kV S/S T-4 HT is restored.	
00:52	02:35	Aggreko-keranganj 132kV Ckt-1 is restored.	
00:52	02:34	Maniknagar-Siddhirganj 230kV Ckt-1 Scheduled S/D from Siddhirganj 230/132kV end	
03:28	04:11	Maniknagar-Siddhirganj 230kV Ckt-2 is restored.	
06:49	04:10	Siddhirganj-Maniknagar 230kV ckt-1 tripped at 16:26 showing distance relay, zone-1 at Siddhirganj end. Total interruption 323 MW under Maniknagar, Narinda, kazia & Moljheel S/S. Power was restored by switching on Matuail-Maniknagar Ckt at 16:44 hrs.	323 MW Generation interrup.
03:28	04:10	Satkhira 132/33kV S/S Transformer-1 (T-1) LT Forced S/D	
		Satkhira 132/33kV S/S Transformer-1 S/D Due to 33 kV Ashasuni feeder R phase red hot maintenance work.	30 MW load interrup.
		Barishal 132/33kV S/S T-2 (415T) LT Tripped showing No relays Due to 33 kV PBS Noicity feeder trip at EF.	40 MW load interrup.
		Dohazari T2 with 33kV bus-2 was SD for CIM	50 MW load interrup.
		Barishal 132/33kV S/S T-1 (405T) LT Tripped showing 86X relays Due to 33 kV PBS Noicity feeder trip due to EF.	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle