

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

Reporting Date : 11-Aug-23

Till now the maximum generation is :-		15648.0		21:00	Hrs on	19-Apr-23
The Summary of Yesterday's		10-Aug-23	Generation & Demand	Today's Actual	Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	12235.0 MW	Hour :	12:00	Min. Gen. at	8:00	10689
Evening Peak Generation :	13879.0 MW	Hour :	19:30	Available Max Generation :		14344
E.P. Demand (at gen end) :	14047.0 MW	Hour :	19:30	Max Demand (Evening) :		13000
Maximum Generation :	13879.0 MW	Hour :	19:30	Reserve(Generation end)		1344
Total Gen. (MKWH) :	295.53	System Load Factor	88.72%	Load Shed :		0

Export from East grid to West grid :- Maximum	760 MW	at	21:00	Energy	
Import from West grid to East grid :- Maximum	-	at		Energy	

Water Level of Kaptai Lake at 6:00 A M on	11-Aug-23	Rule curve :	92.20	Ft.(MSL)	
Actual :	99.47	Ft.(MSL)			

Gas Consumed :	Total =	1118.40 MMCFD.	Oil Consumed (PDB) :		
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Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk160,481,345	Coal :	Tk300,426,041	Oil :	Tk703,400,843	Total :	Tk1,164,308,230
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Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0:00	MW	0:00	Estimated Shedding (S/S end)	MW	
Dhaka	0	0:00	4373	0:00	0	0	0%
Chittagong Area	0	0:00	1200	0:00	0	0	0%
Khulna Area	0	0:00	1681	0:00	0	0	0%
Rajshahi Area	35	0:00	1461	0:00	0	0	0%
Cumilla Area	0	0:00	1202	0:00	0	0	0%
Mymensingh Area	78	0:00	894	0:00	0	0	0%
Sylhet Area	0	0:00	501	0:00	0	0	0%
Barisal Area	0	0:00	418	0:00	0	0	0%
Rangpur Area	47	0:00	817	0:00	0	0	0%
Total	160		12546		0		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) Baghbari-71,100 MW
	5) Raexan unit-2
	6) Siddhirganj 210 MW
	7) Shajibazar-9

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
-	8:02	Kabirpur 132/33kV S/S Reserve bus is restored.	
-	8:10	Sylhet 132/33kV S/S T1 HT is restored.	
-	8:11	Sylhet 132/33kV S/S T1 LT is restored.	
8:34	9:24	Mongla 132/33kV S/S T-1 HT Tripped showing Earth fault time relays Due to 33 kv old port feeder loop disconnect.	12.0MW load interrup.
-	8:36	Dhamrai 132/33kV S/S Transformer-2 LT is restored.	
-	8:36	Dhamrai 132/33kV S/S Transformer-2 HT is restored.	
9:44	14:19	Barishal 132/33kV S/S T-1 (405T) LT Forced S/D Due to To improve grounding system of T1 transformer.	17.0MW load interrup.
9:45	14:19	Barishal 132/33kV S/S T-1 (405T) HT Forced S/D Due to To improve grounding system of T1 transformer.	17.0MW load interrup.
9:50	15:16	Aminbazar-Manikgonj PP 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Red hot maintenance.	
9:55	11:57	Siddhirganj 132/33kV S/S 120MW EGCB GT2 Forced S/D Due to Oil leakage checking.	
-	9:59	Gopalganj 132/33kV S/S T1 HT is restored.	
-	10:00	Gopalganj 132/33kV S/S T1 LT is restored.	
10:06	13:35	Ishurdi 132/33kV S/S 132/33 kV T-2 LT Scheduled S/D Due to Auxiliary transformer maintenance work.	25.0MW load interrup.
10:06	13:35	Ishurdi 132/33kV S/S 132/33 kV T-2 HT Scheduled S/D Due to Auxiliary transformer maintenance work.	25.0MW load interrup.
10:19	12:58	Mongla 132/33kV S/S T-2 LT Forced S/D Due to 33 kv old port feeder loop reconnection.	12.0MW load interrup.
10:20	12:56	Mongla 132/33kV S/S T-2 HT Forced S/D Due to 33 kv old port feeder loop reconnection.	12.0MW load interrup.
10:35	11:22	Shahjadpur 132/33kV S/S T-4(435T) HT Forced S/D Due to 33 kv incoming D/S Y phase red hot.	
10:35	11:23	Shahjadpur 132/33kV S/S T-4(435T) LT Forced S/D Due to 33 kv incoming D/S Y phase red hot.	
-	10:57	Bhaluka 132/33kV S/S Transformer-01 HT is restored.	
-	10:57	Bhaluka 132/33kV S/S Transformer-01 LT is restored.	
-	11:20	Dohazari 132/33kV S/S Power Transformer-T-2 LT is restored.	
11:39	13:04	Kurigram 132/33kV S/S Transformer T-2 (T-413T) HT Forced S/D Due to Tr-02 LV temperature high.	
12:00	-	Day peak Generation : 12235 MW.	
-	12:26	Jamalpur 132/33kV S/S T-2 LT is restored.	
-	12:26	Jamalpur 132/33kV S/S T-2 HT is restored.	
12:50	-	Shajibazar 100 MW was forced shutdown due to tube oil low.	
13:55	16:51	Bhandaria 132/33kV S/S Transformer-2 HT Tripped showing Lock out Relay relays Due to PRD Trip.	
13:55	16:52	Bhandaria 132/33kV S/S Transformer-2 LT Tripped showing No Rdelay shown relays Due to PRD Trip.	
-	14:19	Barishal 132/33kV S/S T-1 (405T) LT is restored.	
15:09	23:25	Barishal 132/33kV S/S T-2 (415T) LT Scheduled S/D Due to To improve grounding system of T2 Transformer.	
15:10	23:24	Barishal 132/33kV S/S T-2 (415T) HT Scheduled S/D Due to To improve grounding system of T2 Transformer.	
15:11	16:32	Rajshahi 230/132/33kV S/S 230 kv BIPTC Ckt-02 Scheduled S/D.	
15:11	16:32	HVDC Bheramara- Rajshahi 230kV Ckt-2 Forced S/D from BIPTC end Due to Problem found in HVDC- Rajshahi Ckt-02 44 number tower.	
15:31	16:52	Bhandaria 132/33kV S/S Transformer-2 LT Forced S/D Due to PRD signal imbalance.	
15:31	16:51	Bhandaria 132/33kV S/S Transformer-2 HT Forced S/D Due to PRD SIGNAL IMBALANCE.	
17:27	2:58	BIPTC S/S Baharampur-3 Tripped showing Distance relay relays Due to Tripped by distance relay.	
-	19:23	Chowmuhani-Feni 132 kV Ckt-1 is restored.	
19:30	-	Evening peak generation 13879 MW.	
22:40	-	Jaldhaka S/S -33 KV bus section-2 S/D. L/S-30 MW.	
23:07	-	Kaptai-1,2&3 tripped. Generation interruption 133MW.	
23:29	-	Kaptai-1&2 was sync. at 23:29 and 23:46 hrs respectively.	
23:38	0:19	Thakurgaon 132/33kV S/S 422T LT Tripped showing O/C IDMT, O/C DMT, Y-Phase & B-Phase relays Due to Neckmorad 33 kv(PBS) Feeder Fault.	
23:38	0:02	Thakurgaon 132/33kV S/S 412T LT Tripped showing OC/EF(67) relays Due to Neckmorad 33 kv(PBS) Feeder Fault.	
23:38	0:18	Thakurgaon 132/33kV S/S 412T HT Tripped showing Lockout Relay relays Due to Neckmorad 33 kv(PBS) Feeder Fault.	
23:38	0:20	Thakurgaon 132/33kV S/S 432T HT Tripped showing No Relay Operate relays Due to Neckmorad 33 kv(PBS) Feeder Fault.	
-	23:45	Jaldhaka S/S -33 KV bus section-2 Syn.	
-	0:03	Kaptai-3 was sync.	
6:06	-	Bogura 230/132kV S/S T-02 LT Scheduled S/D Due to Bushing conductor replacement.	143.0MW load interrup.
6:07	-	Bogura 230/132kV S/S T-02 HT Scheduled S/D Due to Bushing conductor replacement.	143.0MW load interrup.
7:00	-	Minimum generation 10777 MW.	
7:15	-	Gopalganj 132/33kV S/S T2 LT Scheduled S/D Due to 33 kv REB Feeder & bus joint maintenance.	30.0MW load interrup.
7:16	-	Gopalganj 132/33kV S/S T2 HT Scheduled S/D Due to 33 kv REB Feeder & bus joint maintenance.	30.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle