

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

Reporting Date : 4-Aug-23

Till now the maximum generation is :-

The Summary of Yesterday's		15646.0		21:00 Hrs on 19-Apr-23		Reporting Date : 4-Aug-23	
3-Aug-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		8:00	
Day Peak Generation :	12729.0 MW	Hour :	12:00	Min. Gen. at	8.00	10956	
Evening Peak Generation :	14623.0 MW	Hour :	21:00	Available Max Generation :		15162	
E.P. Demand (at gen end) :	14542.0 MW	Hour :	21:00	Max Demand (Evening) :		14200	
Maximum Generation :	14623.0 MW	Hour :	21:00	Reserve(Generation end)		962	
Total Gen. (MKWH) :	307.91	System Load Factor	87.74%	Load Shed		0	

Export from East grid to West grid :- Maximum		860 MW at 23:00		Energy	
Import from West grid to East grid :- Maximum		-		Energy	
Actual :	Water Level of Kaptai Lake at 6:00 A.M on 4-Aug-23	Rule curve :	89.96 Ft.(MSL)		

Gas Consumed :	Total =	1158.06 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+Pv):	Gas :	Tk164,000,245	Oil :	Tk839,658,506	Total :	Tk1,311,252,331
	Coal :	Tk307,593,580				

**Load Shedding & Other Information**

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	MW	
Dhaka	10	0.00	4555	0	0%
Chittagong Area	0	0.00	1364	0	0%
Khulna Area	0	0.00	1911	0	0%
Rajshahi Area	46	0.00	1662	0	0%
Cumilla Area	20	0.00	1367	0	0%
Mymensingh Area	84	0.00	1017	0	0%
Sylhet Area	47	0.00	570	0	0%
Barisal Area	0	0.00	475	0	0%
Rangpur Area	0	0.00	629	0	0%
<b>Total</b>	<b>209</b>	<b>0.00</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) Ghosara-3,7 3) Shaibazar 330 MW 4) Badhabari-71, 100 MW 5) Razzan unit-2 6) Siddhirganj 210 MW . 7) Shaibazar-9

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:34	08:53	Dohazari 132/33kV S/S Power Transformer -T-1 LT Tripped showing siemens relays Due to due to PDB 33kv 16/20 MVA transformer fault. ( 16/20 MVA transformer secondary and primary breaker did not trip).	30 MW load interup.
	08:53	Dohazari 132/33kV S/S Power Transformer -T-2 HT is restored.	
10:21	17:25	Aminbazar-Mechnaqahat 400 kv ckt-1 was shutdown due to D/W.	
10:22	11:41	Aminbazar 400/230/132kV S/S ATR-02 LT Tripped showing 86-1& 2 master relays.	
10:22	11:40	Aminbazar 400/230/132kV S/S ATR-02 HT Tripped showing 86-1&2 master relays.	
11:36		Rampal 400/230kV S/S Generator Transformer-1 (GT-1) HT Project Work S/D Due to Maintenance Work Purpose.	
12:34	15:31	AKSML-Khulshi 132kV Ckt-1 Scheduled S/D from Khulshi 132/33kV end Due to CT Change & Replace in AKSPL Sub-Station. and from AKS 132/33kV end Due to Bus coupler Release CT oil leakage problem. this CT remove and this place new looo connection work.	
13:11	14:05	Noapara 132/33kV S/S T-4 LT Scheduled S/D Due to High Temp Maintenance.	20 MW load interup.
13:12	14:04	Noapara 132/33kV S/S T-4 HT Scheduled S/D Due to High Temp Maintenance.	
13:15	13:35	Narail 132/33kV S/S TR1 (403-T) LT Scheduled S/D Due to Protection work.	
13:16	13:34	Narail 132/33kV S/S TR1 (403-T) HT Scheduled S/D Due to Protection work.	
13:54	15:20	Narail 132/33kV S/S TR2 (413-T) LT Scheduled S/D Due to Protection work.	
13:55	15:18	Narail 132/33kV S/S TR2 (413-T) HT Scheduled S/D Due to Protection work.	
14:17	14:29	Dohazari 132/33kV S/S Power Transformer -T-2 LT Forced S/D Due to For Safety reason due to Heavy Flashing and firing of 33 kv 16/20MVA transformer.	28 MW load interup.
14:17	14:29	Dohazari 132/33kV S/S Power Transformer -T-1 LT Tripped showing Siemens relays Due to Due to 16/20 MVA 33kv transformer fault.	
14:22	17:24	Kushlia 132/33kV S/S T-1 LT Forced S/D.	50 MW load interup.
14:23	17:23	Kushlia 132/33kV S/S T-1 HT Forced S/D.	
	16:38	Chowmuhani 132/33kV S/S HFPL line is restored.	
16:47	17:19	Barishal 132/33kV S/S T-2 (415T) LT Forced S/D Due to Self protection test.	
16:48	17:18	Barishal 132/33kV S/S T-2 (415T) HT Forced S/D Due to Self protection test.	
16:56	17:55	Bhulta 132/33kV S/S GT1 LT Scheduled S/D Due to GT-1 33 kv side red hot maintenance work.	70 MW load interup.
17:17	18:44	Dhamrai 132/33kV S/S Transformer-2 HT Forced S/D Due to Pba Feeder red hot .	30 MW load interup.
18:31	18:39	Kishoreganj 132/33kV S/S Tr-3 (424T) LT Tripped showing Over Current relays Due to Over Current- 33kv lina Fault O/C, E/F .	30 MW load interup.
23:10	00:05	Borhanuddin 33kV Bus S/D.	45 MW load interup.
04:25	06:04	Tongi 230/132/33kV S/S T-03 HT Forced S/D Due to DS-823 Maintenance .	
04:40		Faridpur 132/33kV S/S Transformer-2 HT Tripped showing Inst. Over Current relays Due to 33kV Bus PT Blast (Y-phase) .	60 MW load interup.
04:40	05:14	Faridpur 132/33kV S/S Transformer-1 LT Tripped showing Inst. Over Current relays Due to 33kV Bus PT Blast (Y-phase) .	
04:40		Faridpur 132/33kV S/S Transformer-2 LT Tripped showing Inst. Over Current relays Due to 33kV Bus PT Blast (Y-phase) .	
06:14		Azargaon 230/132kV S/S 230kV Transformer-1 ( 705T1) HT Scheduled S/D Due to Replacing Faulty 33kV LAs of 230/132/33kV Tr-1 .	
06:14		Azargaon 230/132kV S/S 230kV Transformer-1 ( 705T1) LT Scheduled S/D Due to Replacing Faulty 33kV LAs of 230/132/33kV Tr-1 .	
06:55	07:17	Cumilla(S) 132/33kV S/S TR-1 LT Tripped showing REF615 relays Due to 33 kv REB Baqmara Feeder Fault .	25 MW load interup.
06:55	07:17	Cumilla(S) 132/33kV S/S TR-2 LT Tripped showing REF615 relays Due to 33 kv REB Baqmara Feeder Fault .	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle