

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

Reporting Date : 14-Apr-23

Till now the maximum generation is :-

15304.0

21:00 Hrs on 13-Apr-23

The Summary of Yesterday's		13-Apr-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		13188.0	MW	Hour :	12:00	Min. Gen. at	7:00
Evening Peak Generation :		15304.0	MW	Hour :	21:00	Available Max Generation	15639
E.P. Demand (at gen end) :		15304.0	MW	Hour :	21:00	Max Demand (Evening) :	14500
Maximum Generation :		15304.0	MW	Hour :	21:00	Reserve(Generation end)	1139
Total Gen. (MkWh) :		315.0		System Load Factor	85.76%	Load Shed	0

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid - Maximum	-8	at	20:00	Energy
Import from West grid to East grid - Maximum	-	at	-	Energy
Water Level of Kaptai Lake at 6:00 A.M on	14-Apr-23			
Actual :	76.10	FL(MSL) :	Rule curve :	85.40
				FL(MSL)

Gas Consumed :	Total =	1060.30	MMCFD.	Oil Consumed (PDB) :	
Cost of the Consumed Fuel (PDB+PV) :	Gas :	Tk160,483,684		Oil :	Tk1,133,208,469
	Coal :	Tk299,317,115		Total :	Tk1,593,009,268

**Load Shedding & Other Information**

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW	0:00		Estimated Shedding (S/S end)	MW	
Dhaka	0	0:00	4869	0	0%	
Chittagong Area	0	0:00	1351	0	0%	
Khulna Area	0	0:00	1777	0	0%	
Rajshahi Area	35	0:00	1569	0	0%	
Cumilla Area	50	0:00	1339	0	0%	
Mymensingh Area	206	0:00	1101	0	0%	
Sylhet Area	15	0:00	497	0	0%	
Barisal Area	0	0:00	401	0	0%	
Rangpur Area	0	0:00	470	0	0%	
<b>Total</b>	<b>306</b>		<b>13774</b>	<b>0</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) Bhula Nuton Biddut
	4) Baghabari-100 MW & 71 MW
	5) Razzan unit-1,2
	6) Siddhirganj 210 MW
	7) Shajibazar 330 MW
	8) Sirajganj-2 & 3
	9) Barisal 307 MW

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:35	08:28	Sirajganj 132/33kV S/S T4-(445) HT is restored.	
	12:58	Mirpur 132/33kV S/S T1 LT Project Work S/D Due to Hotspot maintenance on 33kV POTHEAD by Desco	
	09:06	Kodda 132/33kV S/S Tr-2 (416T) HT is restored.	
09:37	11:03	Barapukuria 230/132/33kV S/S 132 KV Bus A Scheduled S/D Due to Red hat maintenance.	
09:42	11:37	Barapukuria 230/132/33kV S/S 132/33 KV T-4, 444T HT Scheduled S/D Due to Red hat maintenance.	
10:58	13:26	Jhenaidah 132/33kV S/S Transformer T-1 LT Forced S/D Due to 33kv T1A incommer B-Phase Rad hot Maintenance.	25 MW power interrup.
11:14	14:54	BSRM-Mirsharal 230 KV Ckt-1 Project Work S/D from BSRM and Due to Work Done and from Mirsoral end.	
	11:21	Khulna (C) S/S Tr-3 405T HT is restored.	
11:26	16:04	Kalurghat 132/33kV S/S TRFO-02(516T) HT Project Work S/D Due to Maintenance.	
12:07		Barapukuria 230/132/33kV S/S 132/33 KV T-5, 424T LT Scheduled S/D Due to oil centrifuge .	
13:08	13:54	Ghorasal- Ishwardi 230 KV Ckt-2 Tripped from Ishurdi end showing siemens siprotec relays.	
13:37	13:50	Jaldhaka 132/33kV S/S 416T LT Tripped showing under frequency relays Due to under frequency.	26 MW power interrup.
14:56	16:17	BSRM-Mirsharal 230 KV Ckt-2 Project Work S/D from BSRM 230/33kV end Due to Work Done .	
15:02	15:08	Brahmanbaria 132/33kV S/S 403T HT Forced S/D	62 MW power interrup.
	15:09	Brahmanbaria 132/33kV S/S 403T LT is restored.	
15:33	17:33	Rajshahi 230/132/33kV S/S AUX T-01 HT Forced S/D Due to AUX-1Busing Y Phase Blast	
15:33	17:50	Rajshahi 230/132/33kV S/S T-01 (408T) LT Tripped showing REF 030 relays Due to AUX-1 Busing Y Phase Blast .	
16:04	17:01	Kalurghat 132/33kV S/S TRFO-01(506T) HT Project Work S/D Due to Maintenance.	
16:53	16:58	Jaldhaka 132/33kV S/S 406T LT Tripped showing under frequency relays Due to under frequency	
17:48	04:52	Ishwardi-Rooppur 132kV Ckt-1 Tripped from Ruppur 132/11kV end showing All relays Due to 132kv Ruppur-ishwardi line-1&2 is dead for Ishwardi 132kv Busbar problem. and Due to Pabna ckt conductor was break down (R phase) fall over BUS-1.	2.5 MW power interrup.
	18:36	Ruppur 132/11kV AUX T-01 LT Tripped showing NA relays Due to Ruppur-ishwardi line-1&2 is dead for Ishwardi 132kv Busbar problem.	
17:49	04:40	Ishwardi-Natore 132kV Ckt-2 Tripped from Natore 132/33kV end showing General trip, Z-1 trip, Z-2 trip, block AR, Sync fail relays Due to Ishurdi end trip. and from Ishurdi end showing LZ-32 relays Due to Pabna ckt conductor was break down (R phase) fall over BUS-1.	60 MW power interrup.
17:49	04:40	Ishwardi-Natore 132kV Ckt-1 Tripped from Natore 132/33kV end showing General trip, Z-1 trip, Z-2 trip, block AR, Sync fail relays Due to Ishurdi end trip. and from Ishurdi end showing LZ-32 relays Due to Pabna ckt conductor was break down (R phase) fall over BUS-1.	
17:49	04:48	Bheramara P/S-Ishurdi 132 KV Ckt-2 Tripped from Bheramara end showing Distance protection relay relays Due to O/C and from Ishurdi 132/33kV end showing SIPROTEC (7SA87) relays Due to 132 KV Pabna ckt conductor was break down (R phase) fall over BUS-1.	65 MW power interrup.
17:49	04:48	Bheramara P/S-Ishurdi 132 KV Ckt-1 Tripped from Bheramara end showing Distance protection relay relays Due to O/C and from Ishurdi 132/33kV end showing SIPROTEC (7SA87) relays Due to 132 KV Pabna ckt conductor was break down (R phase) fall over BUS-1.	
17:50	18:24	Ishurdi 132/33kV S/S 132/33 KV T-2 HT Tripped showing ALSTOM, SIEMENS SPRTEC (7UT86) relays Due to 132 KV PABNA CONNECTOR (R PHASE) FALL DOWN OVER BUS-1	30 MW power interrup.
17:50		Bheramara 410MW tripped.	
17:50	18:26	Ishurdi 132/33kV S/S 132/33 KV T-1 LT Tripped showing ABB, SIEMENS SIPROTEC (7UT86) relays Due to 132 KV PABNA CONNECTOR (R PHASE) FALL DOWN OVER BUS-1	25 MW power interrup.
17:50	04:53	Ishwardi-Rooppur 132kV Ckt-2 Tripped from Ishurdi 132/33kV end showing ALSTOM (MICOM) P40 AGILE relays Due to Pabna ckt conductor was break down (R phase) fall over BUS-1.	
17:50	18:24	Ishurdi 132 KV Bus-2 Tripped showing not in service relays Due to Pabna ckt conductor was break down (R phase) fall over BUS-1.	
17:50	04:51	Ishurdi 132 KV Baghabari Line Tripped showing LZ-42 relays Due to Pabna ckt conductor was break down (R phase) fall over BUS-1.	
17:50	18:24	Ishurdi 230/132 KV T-01 Tripped showing SIEMENS relays Due to 132 KV Pabna ckt conductor was break down (R phase) fall over BUS-1.	75 MW power interrup.
17:50	04:35	Ishurdi 230/132 KV T-02 Tripped showing SIEMENS relays Due to 132 KV Pabna ckt conductor was break down (R phase) fall over BUS-1.	75 MW power interrup.
17:50	05:03	Ishurdi-Pabna 132kV ckt Tripped from Ishurdi end showing LZ42 relays Due to Pabna ckt conductor was break down (R phase) fall over BUS-1. and from Pabna 132/33kV end showing DISTANCE REALY relays.	92 MW power interrup.
17:51	18:24	Bheramara P/S-Ishurdi 132 KV Ckt-2 Tripped from Ishurdi 132/33kV end showing SIPROTEC (7SA87) relays Due to 132 KV Pabna ckt conductor was break down (R phase) fall over BUS-1.	
17:51	18:24	Bheramara P/S-Ishurdi 132 KV Ckt-1 Tripped from Ishurdi end showing SIPROTEC (7SA87) relays Due to 132 KV Pabna ckt conductor was break down 132/33kV BUS-1.	
17:54	18:40	Ruppur 132/11kV S/S TR-01 LT Forced S/D Due to 132kv Ruppur-ishwardi line-1&2 is dead for Ishwardi 132kv Busbar problem.	5 MW power interrup.
17:55		Ruppur 132/11kV S/S TR-02 LT Forced S/D Due to 132kv Ruppur-ishwardi line-1&2 is dead for Ishwardi 132kv Busbar problem.	
20:07	05:38	Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-1 Forced S/D Due to Instruction of ALDC	
20:40		Bheramara 410MW GT was sync.	
21:47		Khulna 330 MW CAPP (OIL) was shutdown.	
21:53		Bheramara 410MW ST was sync.	
22:03	22:16	Chandraghona 132/33kV S/S TR-01(406T) LT Tripped showing O/C/EF (50) relays Due to Fault occurred by 33 kv Rajastali feeder. Ins E/F.	28 MW power interrup.
22:22	22:31	Coxsbazar 132/33kV S/S 405T-T1 HT Tripped showing ABB relays Due to Over Current	89 MW power interrup.
00:31		Payra 1320 MW Unit-5 gradually reduced about 500 MW from 00:31 hrs due to their internal transformer problem.	300 MW Generation interrup.
00:59		Rampal 1320 MW (BIEPCL) unit-1 was forced shutdown due to leakage problem.	370 MW Generation interrup.
02:54		Ashugonj North 360MW tripped from 310 MW.	310 MW Generation interrup.
03:06		Payra 1320 MW Unit-1 reached full load.	
3:11		Hathazari Peaking tripped.	65 MW Generation interrup.
05:29		Ashugonj North 360MW GT was sync.	
05:40		Shajibazar GT Unit-5 was shutdown due to filter change.	
05:51	06:02	Ishurdi 230/132kV S/S 230/132 KV T-02 LT Tripped showing Numerical relays.	30 MW Generation interrup.

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle