

POWER GRID COMPANY OF BANGLADESH LTD.

NATIONAL LOAD DESPATCH CENTER
DAILY REPORT

Reporting Date : 7-Jul-23

Till now the maximum generation is :-

15648.0

21:00 Hrs on 19-Apr-23

The Summary of Yesterday's

6-Jul-23

Generation & Demand

Today's Actual Min Gen. & Probable Gen. & Demand

Day Peak Generation :	10746.0 MW	Hour :	12:00	Min. Gen. at	8:00	10080
Evening Peak Generation :	13087.0 MW	Hour :	21:00	Available Max Generation :		15076
E.P. Demand (at gen end) :	13087.0 MW	Hour :	21:00	Max Demand (Evening) :		12600
Maximum Generation :	13196.0 MW	Hour :	22:00	Reserve(Generation end)		2476
Total Gen. (MKWH) :	280.7	System Load Factor :	88.64%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid - Maximum	530 MW	at	20:00	Energy	
Import from West grid to East grid - Maximum				Energy	
Actual : Water Level of Kaptai Lake at 6:00 A.M on	73.90	Fl.(MSL) :	7-Jul-23	Rule curve :	84.80
				Fl.(MSL)	

Gas Consumed :	Total =	1247.87	MMCFD.	Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk177,618,103		Oil :	Tk730,506,724	Total :	Tk1,070,749,028
	Coal :	Tk162,624,202					

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		MW		
Dhaka	0	0.00	4631		0	0	0%
Chittagong Area	0	0.00	1273		0	0	0%
Khulna Area	0	0.00	1763		0	0	0%
Rajshahi Area	0	0.00	1550		0	0	0%
Cumilla Area	0	0.00	1275		0	0	0%
Mymensingh Area	0	0.00	949		0	0	0%
Sylhet Area	0	0.00	532		0	0	0%
Barisal Area	0	0.00	443		0	0	0%
Rangpur Area	0	0.00	867		0	0	0%
Total	0	0.00	13303		0	0	0%

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit- 1,2
- 2) Ghorasal-3,5,7
- 3) Shajjibazar 330 MW
- 4) Baghabari-71,100 MW
- 5) Raazan unit-2
- 6) Siddhirganj 210 MW .

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:56	08:56	Rajshahi-Rajshahi(New) 132kV Ckt-2 is restored.	
10:17	08:57	HVDC Bheramera- Rajshahi 230kV Ckt-2 is restored.	
10:49	11:12	Bogura west 400/230 KV ATR-2 S/D	
10:50	11:13	Rampur 230/132/33 S/S Halihsahar-2 Tripped showing Distance protection (ZCOM trip) relays Due to Fault	
11:33	13:08	Hathazari-Khulshi 132kV Ckt-2 Tripped from Halihsahar 132/33kV end showing Distance Relay	
12:00		Instantaneous Relay relays Due to Due to EF	
13:09		Hathazari-Raazan 230kV Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end.	
13:25	15:05	Day peak generation: 11699 MW	
13:25	15:05	Bogura west 400/230 KV ATR-2 Sync.	
14:15	15:05	Hathazari 230/132/33kV S/S MT-01 LT Scheduled S/D	
14:45	15:05	Hathazari 230/132/33kV S/S MT-01 HT Scheduled S/D	
17:19	16:03	Sirajgonj Gas 210MW Unit-2 GT was sync.	
17:19	16:58	Harijpur 230/132kV S/S Ullon (Manikganj-2) Forced S/D Due to Line fault at Banasree, Dhaka	
17:19	20:05	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT is restored.	
17:19	20:05	Sonargaon 132/33kV S/S Tr-2 LT Forced S/D Due to S/D taken for Redhot Occures in Y-phase C.T (33 kv)	20.0MW load interrup.
	17:31	Sonargaon 132/33kV S/S Tr-2 HT Forced S/D Due to S/D taken for Redhot occurs in Y-phase C.T (33 kv)	
	17:31	Shahjadpur 132/33kV S/S T-4(435T) HT is restored.	
	17:35	Shahjadpur 132/33kV S/S T-4(435T) LT is restored.	
17:44	18:29	Bhola GT-1 Tripped du to voltage fluctuation .	
18:11		Tongi 230/132/33kV S/S Tongi-Uttara 3rd Phase Ckt Tripped showing Distance Phase-B5.426km Loop-3 relays.	
20:33		Sirajgonj Gas 210MW Unit-2 ST was sync.	
21:00		Peak generation 13087 MW	
22:01		Bhola CAPP 225 MW GT-1 was sync.	
22:46		Bhola CAPP 225 MW GT-2 was sync.	
00:31		Sirajgonj Unit-1 was shutdown due to MI	
03:59		Kushlira 163MW GT was sync.	
05:11		Ashuganj 420 MW CAPP(East) ST was sync.	
05:40		Chapainawabganj-Rahanpur 132kV Ckt-1 Project Work S/D from Chapai 132/33kV end Due to Chapai-Rahanpur	
05:40		CKT 2 connect to Main bus	
05:44		Chapainawabganj-Rahanpur 132kV Ckt-1 Tripped from Chapai 132/33kV end showing NO relays Due to Project Work	
05:44		Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT Scheduled S/D Due to GT-2 132/33 kV	
05:44		X-Former Oil centrifuging.	
05:48		Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) LT Scheduled S/D Due to GT-2	
05:48		132/33 kV X-Former Oil centrifuging.	
06:09		Godda - Rohanpur 400 kv line-2 was shut down for regularization this line up to Bogura.	
06:14		C.nawabganj-Rajshahi 132 kV Ckt-1 Scheduled S/D from Chapai 132/33kV end Due to Chapai- Rohanpur	58.0MW load interrup.
06:15		line 2 connect to main bus and from Rajshahi 230/132/33kV end.	
07:00		Annura-Chapainawabganj-132kV Ckt-1 Scheduled S/D from Annura 132/33kV end Due to Shut down taken	
07:04		from Chapainawabganj grid substation and from Chapai 132/33kV end.	
07:05		Chapai 132/33kV S/S Main Bus Scheduled S/D Due to Chapai- Rohanpur line 2 connect to main bus	
07:05		Min. Gen. 10269 MW	
07:05		Saidpur 132/33kV S/S TR-3 (424T) LT Scheduled S/D Due to 33 kv Bus coupler Red hot	10.0MW load interrup.
07:05		Saidpur 132/33kV S/S TR-3 (424T) HT Scheduled S/D Due to None	
07:08		Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT Scheduled S/D Due to 33kv Bus conductor	24.0MW load interrup.
07:08		replacement by PBS&NESSCO	
07:08		Purbasadipur 132/33kV S/S T-3 Transformer (423T) HT Scheduled S/D Due to None	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle