

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

Reporting Date : 8-Jul-23

Till now the maximum generation is :-

The Summary of Yesterday's

7-Jul-23 Generation & Demand

21:00 Hrs on 19-Apr-23

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

Day Peak Generation :	10746.0 MW	Hour :	12:00	Min. Gen. at	6:00	10556
Evening Peak Generation :	12899.0 MW	Hour :	21:00	Available Max Generation :		15318
E.P. Demand (at gen end) :	13049.0 MW	Hour :	21:00	Max Demand (Evening) :		13100
Maximum Generation :	13053.0 MW	Hour :	23:00	Reserve/(Generation end)		2218
Total Gen. (MKWH) :	272.1	System Load Factor	86.84%	Load Shed		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid - Maximum	244 MW	at	20:00	Energy	
Import from West grid to East grid - Maximum					
Actual :	Water Level of Kaptai Lake at 6:00 A M on 74.53 Ft.(MSL).	8-Jul-23	Rule curve :	85.12 Ft.(MSL)	

Gas Consumed :	Total =	1227.71 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk178,022,652	Oil :	Tk612,150,065	Total :	Tk950,334,921
	Coal :	Tk160,162,205				

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	4405		0		0%
Chittagong Area	0	0.00	1209		0		0%
Khulna Area	0	0.00	1694		0		0%
Rajshahi Area	143	0.00	1472		0		0%
Cumilla Area	0	0.00	1211		0		0%
Mymensingh Area	0	0.00	901		0		0%
Sylhet Area	0	0.00	505		0		0%
Barisal Area	0	0.00	421		0		0%
Rangpur Area	0	0.00	823		0		0%
Total	143		12641		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) Shahjibazar 330 MW
- 4) Baghabari-71,100 MW
- 5) Raican unit-2
- 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:17	16:42	Mirpur 132/33kV S/S T-1 LT Scheduled S/D Due to Red Hot maintenance Work .	
8:17	16:42	Mirpur 132/33kV S/S T-1 HT Scheduled S/D Due to Red Hot Maintenance Work .	
-	8:30	Purbasadipur 132/33kV S/S T-3 Transformer (423T) HT is restored.	
-	8:30	Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT is restored.	
8:30	0:52	Baghabari-Shahjadpur 132 kV Ckt-2 Tripped from Shahjadpur 132/33kV end showing 21 relays Due to Power station DS flashing.	35.0MW load interrup.
8:30	-	Baghabari-Shahjadpur 132 kV Ckt-1 Tripped from Shahjadpur 132/33kV end showing 21 relays Due to Power station DS flashing.	Shahjadpur 132/33kV end.
9:38	16:40	Mirpur 132/33kV S/S Main Bus Scheduled S/D Due to Red Hot Maintenance Work .	
-	8:40	Amnura-Chapainawabganj-132kV Ckt-1 is restored.	
-	8:40	Chapai 132/33kV S/S Main Bus is restored.	
8:50	11:37	Purbasadipur 132/33kV S/S T-4 Transformer LT Scheduled S/D.	10.0MW load interrup.
8:50	11:35	Purbasadipur 132/33kV S/S T-4 Transformer HT Scheduled S/D.	10.0MW load interrup.
9:20	-	Matarbari Bashkhal 400 KV both ckt were S/D D/T Modunghat 400/230 KV ATR S/D.	
9:26	-	Madunghat 1400/230kV S/S ATR-01 HT Project Work S/D Due to 400 KV Bashkhal ckt-2 to Meghnaghat Ckt-2 bypass line work.	
9:27	-	Modunghat 400/230 KV ATR was S/D D/T project work.	
9:27	-	Modunghat Bashkhal 400 KV ckt-1 was S/D D/T Modunghat 400/230 KV ATR S/D.	
9:27	-	Madunghat 1400/230kV S/S ATR-01 LT Project Work S/D Due to Bypass line work.	
9:35	16:17	Rangpur-Rangpur Confidence(100MW) 132kV Ckt-1 Forced S/D from Rangpur 132/33kV end Due to PT Chamber Gas Filling Rangpur-Confidence Ckt-01.	
9:37	11:40	Shikabaha 230/132kV S/S Hathazari-02 Project Work S/D.	
9:37	11:42	Hathazari 230/132kV S/S Shikabaha-02 Project Work S/D Due to Project work.	
10:30	-	Sylhet CAPP 225 MW GT was shutdown.	
-	10:56	Saidpur 132/33kV S/S TR-3 (424T) HT is restored.	
-	10:57	Saidpur 132/33kV S/S TR-3 (424T) LT is restored.	
12:00	-	Day peak Generation:10746 MW.	
15:02	17:37	Purbasadipur 132/33kV S/S T-1 Transformer (403T) LT Scheduled S/D.	30.0MW load interrup.
15:04	17:35	Purbasadipur 132/33kV S/S T-1 Transformer (403T) HT Scheduled S/D.	30.0MW load interrup.
16:01	16:16	Power Fail of 132kV A-Bus due to 132kV Tangal-RPCL Both Ckt Trip.	168MW load interrup.
16:02	16:16	Tangal 132/33kV S/S RPCL-1 Tripped showing REL670 relays Due to Rainy weather.	114.0MW load interrup.
16:08	-	132kV Mym-Jamal Ckt-1 GCB(113B) and Mym-Jamal Ckt-2 GCB(213B) Open By NLDC. b) 132kV Mym-Net Ckt-1 GCB(123B) and 132kV Mym-Net Ckt-2 GCB(223B) Open By NLDC. All Operation Open due to kaliakoire 400/132 KV Transformer safety purposes.	
16:22	-	132kV Mym-Jamal Ckt-2 GCB(213B) Close By NLDC.	
16:24	-	132kV Mym-Net Ckt-1 GCB(123B) and 132kV Mym-Net Ckt-2 GCB(223B) Closed By NLDC.	
16:34	-	132kV Mym-Jamal Ckt-1 GCB(113B) Close By NLDC.	
16:34	-	132kV Bus Coupler GCB(903B) Closed due to 132kV -A-Bus Parallel Purposes by NLDC	
-	16:55	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT is restored.	
17:03	18:10	Chapai 132/33kV S/S Main Bus Scheduled S/D Due to Chapai - Rohanpur 132 KV line connect with main Bus.	60.0MW load interrup.
17:03	18:10	Amnura-Chapainawabganj-132kV Ckt-1 Scheduled S/D from Chapai 132/33kV end Due to Chapai - Rohanpur 132 KV line connect with main Bus and from Amnura 132/33kV end Due to Shutdown taken from Chapainawabganj Grid.	Chapai 132/33kV end.
-	17:06	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) LT is restored.	
18:17	-	132kV Bus Coupler GCB(903B) Open due to 132kV -A-Bus Un-Parallel Purposes by NLDC.	
18:50	-	Bheramara 410MW tripped due to low gas pressure.	
20:30	-	Baghabari 230/132kV S/S T-2 Bank HT Tripped showing * General Trip * Mv E/F Trip relays.	
20:31	-	Full load interruption is occurring under Bhangura grid S/S and partial interruption(about 172 MW) is occurring under Sherpur(Bogura), Siraganj, Shahjadpur, Pabna and Bogura grid S/S from 20:31 hrs as Baghabari-Bhangura 132kV ckt, Baghabari-Shahjadpur 132kV both ckt, Baghabari-Ishwardi 132kV ckt and Baghabari-Siraganj 132kV ckt got tripped due to breaking of bus conductor at Baghabari grid S/S.	
20:31	-	Ishwardi 132/33kV S/S 132 KV Baghabari Line Tripped showing BBC relays Due to None.	
20:32	22:58	Baghabari-Siraganj 132 kV Ckt-1 Tripped from Siraganj 132/33kV end showing 1. Distance Relay 2. AR Relay relays Due to Control Panel Signal: 1. Distance Relay Z1 2. Distance Relay SOTF. & Relay panel Signal: 1. (21 Distance Relay) SOTF +A phase 2. (79 AR relay) CB1 AR fail.	
20:32	-	Baghabari-Bhangura 132 KV ckt Trip (Baghabari End).	40MW load interrup.
21:00	-	Evening Peak Generation:12839 MW	
-	21:29	Rohonpur-Chapainawabganj 132kV ckt-2(new ckt) was switched on for the first time.	
-	22:07	Bheramara 410MW GT was sync.	
-	22:58	Baghabari 132 KV Bus -2 Syn.	
-	23:58	Bheramara 410MW ST was sync.	
3:31	4:30	Mymensingh 132/33kV S/S Transformer-3 (424T) HT Forced S/D Due to 33 diggar kanda feeder red hot bus ds so T-3 X-F shut down by PDB.	30.0MW load interrup.
5:40	-	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) LT Scheduled S/D.	
5:40	-	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT Scheduled S/D.	
5:40	-	Kabirpur - Manikganj 132kV Ckt-2 Scheduled S/D from Manikganj 132/33kV end.	
6:00	-	Minimum generation: 10556 MW.	
7:12	7:49	Maniknagar 132/33kV S/S Transformer GT-1 HT Scheduled S/D Due to Maintenance work by DPDC.	
7:37	-	Purbasadipur 132/33kV S/S T-1 Transformer (403T) HT Scheduled S/D Due to 33kv bus Upgradation works.	50.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle