

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

Reporting Date : 1-Sep-23

<b>Till now the maximum generation is :-</b>		<b>15648.0</b>		<b>21:00</b>		<b>Hrs on 19-Apr-23</b>	
<b>The Summary of Yesterday's</b>		<b>31-Aug-23</b>		<b>Generation &amp; Demand</b>		<b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b>	
Day Peak Generation :	13301.0 MW	Hour :	12:00	Min. Gen. at	8:00		11318
Evening Peak Generation :	14815.0 MW	Hour :	21:00	Available Max Generation			14955
E.P. Demand (at gen end) :	15300.0 MW	Hour :	21:00	Max Demand (Evening) :			14500
Maximum Generation :	14815.0 MW	Hour :	21:00	Reserve(Generation end)			455
Total Gen. (MKWH) :	316.04	System Load Factor :	88.88%	Load Shed			0

<b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b>		<b>1030 MW</b>		<b>at 22:00</b>		<b>Energy</b>	
Export from East grid to West grid :- Maximum							
Import from West grid to East grid :- Maximum							
Actual :	104.89	Water Level of Kaptai Lake at 6:00 A M on	1-Sep-23	Rule curve :	99.00	FL (MSL)	

Gas Consumed :	Total =	1049.83 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+PV) :	Gas :	Tk148,289,029	Oil :	Tk646,343,817	Total :	Tk1,478,032,106
	Coal :	Tk893,399,260				

**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	40	0:00	4858	0:00	0	0%	
Chittagong Area	0	0:00	1336	0:00	0	0%	
Khulna Area	0	0:00	1873	0:00	0	0%	
Rajshahi Area	9:30	0:00	1628	0:00	0	0%	
Cumilla Area	100	0:00	1339	0:00	0	0%	
Mymensingh Area	85	0:00	996	0:00	0	0%	
Sylhet Area	60	0:00	558	0:00	0	0%	
Barisal Area	0	0:00	466	0:00	0	0%	
Rangpur Area	100	0:00	910	0:00	0	0%	
<b>Total</b>	<b>463</b>		<b>13965</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) Shajibazar 330 MW
	4) Baghabari-71, 100 MW
	5) Raszan unit-2
	6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:05	9:48	Sirajganj 132/33kV S/S T1-(415) LT Forced S/D Due to Red Hot has become visible at 33kV T1+T2 connecting BUS Cupler DS. (This S/D has been taken By AGM com -PBS-2 and they will work on it).	40.0MW load interrup.
8:06	9:47	Sirajganj 132/33kV S/S T1-(415) HT Forced S/D Due to Red Hot has become visible at 33kV T1+T2 connecting BUS Cupler DS. (This S/D has been taken By AGM com -PBS-2 and they will work on it). all operation has been conducted by the permission of XEN NLDCC and according to GF -GMD-18.	
8:06	8:18	Mahasthanar-Palashbari 132kV Ckt-1 Tripped from Mahasthanarh 132/33kV end showing Distance Protection P443 relays. and from Palashbari 132/33kV end showing Distance Relay. relays Due to Unknown.	106.0MW load interrup. Mahasthanarh 132/33kV end.
8:09	8:32	Kurigram-Rangpur 132kV Ckt-1 Tripped from Rangpur 132/33kV end showing SPS relay relays Due to Mohastan to Palashbari 132 KV line trip.	62.0MW load interrup. Rangpur 132/33kV end.
8:10	8:18	Mahasthanar-Palashbari 132kV Ckt-2 Tripped from Palashbari 132/33kV end showing Over Current Relay. relays Due to Over Current.	
-	8:14	Khulna (C) S/S TR-1 425T HT is restored.	
-	8:15	Khulna (C) S/S TR-1 425T LT is restored.	
8:52	11:18	Cumilla(N)-Daudkandi 132 kV Ckt-1 Project Work S/D from Daudkandi 132/33kV end Due to Cumilla(N)-1 Line shutdown for SCADA Connection work. and from Cumilla(N) 230/132/33kV end Due to Daudkandi Grid Control Panel work for SCADA.	
-	9:18	Naogaon 132/33kV S/S T-1 LT is restored.	
-	9:18	Naogaon 132/33kV S/S T-1 HT is restored.	
-	9:30	Siddhirganj CCFP 355MW ST was sync.	
9:53	15:53	Gopalganj 400/132kV S/S ATR-02 HT Project Work S/D.	
9:53	16:06	Gopalganj 400/132kV S/S ATR-02 LT Project Work S/D.	
10:00	-	Matarbari coal power Unit-1 full-load rejection was done .	
11:19	13:11	Cumilla(N)-Daudkandi 132 kV Ckt-2 Project Work S/D from Daudkandi 132/33kV end Due to Cumilla(N)-2 shutdown for SCADA connection work. and from Cumilla(N) 230/132/33kV end Due to Daudkandi End SCADA operation test.	600MW generation interrup.
11:35	-	Bibiyana-3 400MW ST tripped.	
12:00	-	Day peak Generation is 13303 MW	133MW generation interrup.
12:01	12:10	Rangpur-Saidpur 132kV Ckt-1 Tripped from Rangpur 132/33kV end showing Distance relay relays Due to None.	
12:01	12:20	Rangpur-Saidpur 132kV Ckt-2 Tripped from Saidpur 132/33kV end showing Carr. Receive relays. and from Rangpur 132/33kV end showing Distance Relay relays.	36.0MW load interrup. Rangpur 132/33kV end and 36.0MW load interrup. Rangpur 132/33kV end
13:16	16:04	Rampal 400/230kV S/S ICT-1 HT Tripped showing 86A And 86B relays Due to Differential protection relay Y-PH Operated.	
-	16:04	Rampal 400/230kV S/S ICT-1 LT Tripped showing 86A And 86 B relays Due to Differential protection Relay Y-PH Operated.	
-	13:20	Barorhat-Hathazari 132 kV Ckt-1 is restored.	
13:33	17:07	Sreemongol 132/33kV S/S 132/33kV T-2 LT Scheduled S/D Due to 132 kV LA Change.	
13:39	17:06	Sreemongol 132/33kV S/S 132/33kV T-2 HT Scheduled S/D Due to Tr-2 132kV LA Change.	
-	13:55	Chapal 132/33kV S/S T-2 (415T) HT is restored.	
-	13:56	Chapal 132/33kV S/S T-2 (415T) LT is restored.	
-	14:32	Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt is restored.	
14:35	21:26	Ashugonj-Ghorashal ckt-1 was s/d for c/m and restored again.	
-	-	Madanganj 132/33kV S/S Madanganj -Shitalakhya 132 kv Ckt Forced S/D.	
14:39	-	Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt Forced S/D.	
-	14:51	Bibiyana-3 400MW STG was sync.	
-	15:56	Haripur-Narsingdi 132kV Ckt-1 Tripped from Haripur 230/132kV end showing Z1 CN relays.	58.0MW load interrup. Haripur 230/132kV end
19:08	21:38	Sylhet 132/33kV S/S T4 LT Tripped showing OC relays Due to Over load.	
21:00	-	Evening peak generation: 14815 MW.	
21:10	22:48	Narshingdi 132/33kV S/S T-3 HT Scheduled S/D Due to 33kV (T3) CB Loop Connection Point Hotspot Maintenance Work.	50.0MW load interrup.
22:58	23:16	Hasnabad-Shitalakhya 132kV Ckt-1 Tripped from Hasnabad 132/33kV end showing Master trip relay. Distance Relay operated. Zone-2, B-phase relays Due to Unknown and from Shitalakhya 132/33kV end showing General trip,B phase, Zone-1 relays.	20.0MW load interrup. Hasnabad 132/33kV end and 95.0MW load interrup. Shitalakhya 132/33kV end.
5:46	-	Rampura 230/132kV S/S Auto Transformer - 03 HT Scheduled S/D Due to Red Hot Maintenance.	
5:46	-	Rampura 230/132kV S/S Auto Transformer - 03 LT Scheduled S/D Due to Red Hot Maintenance.	
5:50	-	Barapukuria-Bogura 230 kV Ckt-2 Scheduled S/D from Bogura 230/132kV end Due to Isolator change.	
5:50	-	Bogura 230/132kV S/S 230kV Main 2 Scheduled S/D Due to Isolator change.	
6:18	6:30	Savar 132/33kV S/S T-3 LT Tripped showing P14D relays Due to L-43 Feeder Trip (Aralia).	48.0MW load interrup.
6:23	7:41	Ashuganj 230/132/33kV S/S TR-OAT-12 LT Scheduled S/D Due to conductor size measurement of 132 kv side.	
6:24	7:42	Ashuganj 230/132/33kV S/S TR-OAT-12 HT Scheduled S/D Due to conductor size measurement of 132 KV side.	
6:35	-	Feni 132/33kV S/S T-1(405T) LT Forced S/D Due to Redhot maintenance by BREB.	28.0MW load interrup.
6:35	-	Feni 132/33kV S/S T-1(405T) HT Forced S/D Due to Redhot maintenance by BREB.	28.0MW load interrup.
6:35	-	Feni 132/33kV S/S T-1(405T) LT Forced S/D Due to Redhot maintenance by BREB.	28.0MW load interrup.
7:00	-	Minimum generation 11351 MW	
7:24	-	Narail 132/33kV S/S TR1 (403-T) LT Scheduled S/D Due to Red hot maintenance for 33 kV Feeder no-01 Source side DS (Y- phase).	23.0MW load interrup.
7:25	-	Narail 132/33kV S/S TR1 (403-T) HT Scheduled S/D Due to Red hot maintenance for 33 kV Feeder no-01 Source side DS (Y- phase).	23.0MW load interrup.
-	7:50	Madanipur 132/33kV S/S T3-426T LT Forced S/D Due to Strings out of 33kv incoming-3 CB to DS R-phase loop.	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle