

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

Reporting Date : 24-May-23

Till now the maximum generation is :-		15648.0	21:00	Hrs on 19-Apr-23	
The Summary of Yesterday's		23-May-23	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	24-May-23
Day Peak Generation :	12221.0 MW	Hour :	12:00	Min. Gen. at	6:00
Evening Peak Generation :	8346.0 MW	Hour :	21:00	Available Max Generation :	15355
E.P. Demand (at gen end) :	8346.0 MW	Hour :	21:00	Max Demand (Evening) :	13500
Maximum Generation :	12609.0 MW	Hour :	1:00	Reserve(Generation end)	1855
Total Gen. (MkWh) :	255.2	System Load Factor	84.34%	Load Shed	0

Export from East grid to West grid :- Maximum	630 MW	at	1:00	Energy	
Import from West grid to East grid :- Maximum	-	at	-	Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A.M on	24-May-23	Rule curve :	77.60	FL (MSL)
	73.30	FL (MSL)			

Gas Consumed :	Total = 1063.39 MMCFD.	Oil Consumed (PDB) :		HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk163,022,401	Coal :	Tk241,064,830	Oil :	Tk434,018,168	Total :	Tk838,105,398
---------------------------------------	-------	---------------	--------	---------------	-------	---------------	---------	---------------

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	Estimated Shedding (S/S end)	MW	
Dhaka	0	0.00	4534	0	0%
Chittagong Area	0	0.00	1246	0	0%
Khulna Area	0	0.00	1745	0	0%
Rajshahi Area	0	0.00	1517	0	0%
Cumilla Area	0	0.00	1248	0	0%
Mymensingh Area	0	0.00	928	0	0%
Sylhet Area	0	0.00	520	0	0%
Barisal Area	0	0.00	434	0	0%
Rangpur Area	0	0.00	848	0	0%
Total	0	0.00	13019	0	0%

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barakuria ST. Unit- 2
	2) Ghorasal-3.7
	3) Bhula Nulton Biddu
	4) Baghabar-71,100 MW
	5) Raocan unit-2
	6) Siddhirganj 210 MW .
	7) Shahjibazar 330 MW
	8) Sirajganj- 2

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:16	-	Bheramara 410MW ST was sync.	
9:55	-	Gopalganj 400/132kV S/S 132kV Bus-01 Scheduled S/D.	
10:01	21:23	Gopalganj Gopalganj(N) 132kV Ckt-2 Scheduled S/D from Gopalganj 400/132kV end. and from Gopalganj 132/33kV end Due to Aldc.	
10:04	22:43	Gopalganj 400/132kV S/S 132kV Madaripur Ckt-4 Scheduled S/D.	
10:04	22:43	Madaripur 132/33kV S/S Gopalganj North Ckt-04 Project Work S/D Due to Project work.	
10:08	12:23	Brahmanganj(Agareko)-Hasanabad 132 kV Ckt-2 Scheduled S/D from Hasanabad 132/33kV end Due to Reserve Bus R-Ds finger maintenance.	
10:30	14:54	Tangail 132/33kV S/S RPCL-2 Forced S/D Due to Work at RPCL End.	
10:46	11:46	Kurigram 132/33kV S/S Capacitor Bank Forced S/D Due to Unwanted noise.	
10:48	-	Sikabaha 225MW tripped due to boiler feed pump trip.	
-	11:31	Madanganj 132/33kV S/S Madanganj -Shitalakhya 132 kv Ckt is restored.	
-	11:51	Sikabaha 225MW GT was sync.	
12:00	-	Manikganj 132/33kV S/S Cap. Bank -1 Forced S/D Due to maintenance.	
12:00	-	Manikganj 132/33kV S/S Cap. Bank -2 Forced S/D Due to maintenance.	
12:34	16:12	Sreepur 230/132/33kV S/S 132/33 kV T-2 HT Scheduled S/D Due to 33kv bus maintenance by PBS.	20.0MW load interrup.
12:34	16:12	Sreepur 230/132/33kV S/S 132/33 kV T-2 LT Project Work S/D Due to 33 kv bus maintenance by PBS.	20.0MW load interrup.
13:07	14:29	Tangail 132/33kV S/S RPCL-2 Forced S/D Due to Work at RPCL End. and from Cumilla(N) 230/132/33kV end showing Distance protection B-phase relays.	
13:20	13:40	Bashundhara-Tongi 132 kV Ckt-2 Tripped from Tongi 230/132/33kV end showing Phase-R, Zone-1 relays Due to Thunderstorm.	
13:25	20:50	Panchagarh 132/33kV S/S 33kV Capacitor Bank Tripped showing MICOM-P127 relays Due to Due to storm suddenly.	
13:25	14:26	Panchagarh 132/33kV S/S 407T HT Tripped showing MICOM-P632 relays Due to Due to storm suddenly.	
13:25	14:26	Panchagarh 132/33kV S/S 407T LT Tripped showing MICOM-P127 relays Due to Due to storm suddenly.	
13:25	-	Panchagarh 132/33kV S/S 132kV Capacitor Bank Tripped showing ABB REX-521 relays Due to Due to storm suddenly.	20.0MW load interrup.
13:32	16:12	Sreepur 230/132/33kV S/S 132/33 kV T-1 LT Project Work S/D Due to 33 kv bus maintenance by PBS.	20.0MW load interrup.
13:32	16:12	Sreepur 230/132/33kV S/S 132/33 kV T-1 HT Project Work S/D Due to 33 kv bus maintenance by PBS.	20.0MW load interrup.
14:03	-	Sikabaha 225MW ST was sync.	
14:21	16:22	Sholoshor 132/33kV S/S Sholoshahar-Khulshi Ckt-1 Scheduled S/D Due to Interconnection with NLDC under 400kv GND project	
14:23	-	Khulshi-Madunaghat 132kV Ckt-1 Project Work S/D from Khulshi 132/33kV end Due to LILO work	
14:41	16:37	Mithapukur-Rangpur Confidence(100MW) 132kV Ckt-1 Tripped from Mithapukur 132/33kV end showing Distance relays.	33.0MW load interrup. Mithapukur 132/33kV end
14:46	15:20	Cantipur-Kachua 132kV Ckt-2 Tripped from Chandpur 132/33kV end showing Distance relay trip 1& trip 2 relays Due to Unknown.	
14:47	15:12	Cumilla(S)-Kachua 132 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Distance protection C-phase Zone-1 relays.	
14:58	16:32	Bogura 230/132kV S/S Confidence UN-1 Tripped showing General Trip, Phase-B, Zone-1 relays Due to Storm & Rain.	
14:58	16:34	Bogura(New)-Bogura(Sherpur) 132 kV Ckt-1 Tripped from Bogura 230/132kV end showing # (LOP, Phase-A, Phase-C), # (LO, AG, Zone-1, Location 1.2km, IN=13877Amp, IA=12720Amp, IG= 13879Amp.) relays Due to Storm & Rain.	
15:01	17:08	Shahjibazar-Sirajganj 132kV Ckt-1 Tripped from Shahjibazar 132/33kV end showing Z1.Trip. B-phase relays.	26.0MW load interrup. Shahjibazar 132/33kV end
15:33	16:50	Baghabar-Bangura 132 kV Ckt-1 Tripped from Bhargura 132/33kV end showing Main Protection 1 and 2 P.LC fail relays.	24.0MW load interrup. Bhargura 132/33kV end
16:12	16:20	Brahmanbaria 132/33kV S/S 403T LT Forced S/D Due to 33kv side voltage problem.	
16:18	17:12	Rampur 230/132/33 S/S Halishahar-1 Tripped showing Distance Relay. REL670 relays.	
16:50	-	Tangail 132/33kV S/S RPCL-2 Tripped showing REL670 relays Due to Rain & Thunder.	
17:43	18:34	Mymensingh 132/33kV S/S 50 MW Solar Plant. Tripped showing Differential relays Due to Bad weather	
17:49	-	Siddhirganj GT-1 was shutdown due to low demand.	
17:52	-	Siddhirganj 335MW was shutdown due to low demand.	
17:53	-	Kushiara 163MW was shutdown due to low demand.	
-	17:59	Payra 400/132/33kV S/S 132/33 kV Transformer-03 HT is restored.	
-	18:00	Payra 400/132/33kV S/S 132/33 kV Transformer-04 HT is restored.	
-	18:01	Payra 400/132/33kV S/S 132/33 kV Transformer-03 LT is restored.	
18:02	-	Maniknagar-Siddhirganj 230kV Ckt-1 Tripped from Siddhirganj 230/132kV end showing simens siprotec relays Due to z1 trip and from Maniknagar 230/132kV end showing REL670 relays.	
18:02	-	Maniknagar 230/132kV S/S Auto Transformer-01(T05T) HT Tripped showing REL670 relays Due to 230kV Siddhirganj - Maniknagar line-1 Trip.	
-	18:02	Payra 400/132/33kV S/S 132/33 kV Transformer-04 LT is restored.	
-	18:12	Gollamari 132/33kV S/S Tr-1 HT is restored.	
-	18:13	Gollamari 132/33kV S/S Tr-1 LT is restored.	
18:31	20:23	Khulna (S)-Sakhira 132kV Ckt-2 Tripped from Khulna(S) 230/132kV end showing Distance Relay relays. and from Sakhira 132/33kV end showing Distance Relay trip relays Due to Due to heavy storm and thundering	
18:48	-	Ruppur 132/11kV S/S TR-02 LT Tripped showing Trip Relay relays Due to O/C.	0.8MW load interrup.
20:11	20:27	Bagerhat 132/33kV S/S Transformer-2 (413 T) LT Tripped showing OC/EF(50), "B" phase. relays Due to 33kv chandanimahar Feeder fault.	3.0MW load interrup.
20:11	20:28	Bagerhat 132/33kV S/S Transformer-1 (403T) LT Tripped showing OC/EF (50), "B" phase relays Due to 33kv chandanimahar Feeder fault.	3.0MW load interrup.
-	21:48	Kushiara 163MW GT was sync.	
-	21:54	Siddhirganj 335MW GT was sync.	
23:33	2:01	Mongla 132/33kV S/S T-1 HT Forced S/D Due to Emergency.	5.0MW load interrup.
23:33	2:02	Mongla 132/33kV S/S T-1 LT Forced S/D Due to Emergency.	5.0MW load interrup.
4:13	-	Orion-bagerhat Ckt tripped from Orion pp end.	
-	5:06	Orion-bagerhat ckt is Restored.	
5:12	-	Summit Bibiana tripped.	341MW generation interrup.
5:27	-	Bibiana-3 tripped.	400MW generation interrup.
5:34	-	Bibiana south tripped.	400MW generation interrup.
-	7:52	khulna 330 MW pp is sync.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle