

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

Reporting Date : 31-May-23

Till now the maximum generation is :-		15648.0		21:00 Hrs on 19-Apr-23	
The Summary of Yesterday's		30-May-23		Generation & Demand	
Day Peak Generation :	11850.0 MW	Hour :	12:00	Today's Actual Min Gen. & Probable Gen. & Demand	11312
Evening Peak Generation :	14511.0 MW	Hour :	21:00	Available Max Generation :	15031
E.P. Demand (at gen end) :	15000.0 MW	Hour :	21:00	Max Demand (Evening) :	15200
Maximum Generation :	14511.0 MW	Hour :	21:00	Reserve(Generation end)	-
Total Gen. (MKWH) :	296.7	System Load Factor :	85.20%	Load Shed	156

Export from East grid to West grid :- Maximum		660 MW		at	22:00	Energy
Import from West grid to East grid :- Maximum		-		at	-	Energy
Actual :		72.79		FL(MSL)		
		31-May-23		Rule curve :	76.20 Ft.(MSL)	

Gas Consumed :	Total =	1212.08 MMCFD.		Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Pv) :	Gas :	Tk179,049,667		Oil :	Tk800,812,966		Total : Tk1,162,152,337
	Coal :	Tk182,289,704					

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		Estimated Shedding (S/S end)	MW	
Dhaka	53	0.00	4534		40		1%
Chittagong Area	45	0.00	1246		22		2%
Kulna Area	73	0.00	1745		21		1%
Rajshahi Area	65	0.00	1517		20		1%
Cumilla Area	95	0.00	1248		15		1%
Mymensingh Area	63	0.00	928		14		2%
Sylhet Area	0	0.00	520		10		2%
Barisal Area	43	0.00	434		0		0%
Rangpur Area	40	0.00	848		14		2%
Total	467		13019		156		

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST: Unit- 2
	2) Ghorasal-3,7
	3) Bhula Nuton Biddut
	4) Baghabari-71,100 MW
	5) Raazan unit-2
	6) Siddhirganj 210 MW
	7) Shajbazar 330 MW

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:07	08:27	Ashuganj 230/132/33kV S/S T-3 Kalabagan LT Tripped showing O/C, E/F(50),O/C, E/F(67),A,B-phase relays Due to Over Current, Earth fault	
08:07	08:26	Ashuganj 230/132/33kV S/S T-3 Kalabagan HT Tripped showing Lock out Realy relays.	
08:10	10:12	Dummy S/S 404T LT Scheduled S/D Due to yearly maintenance (updated)	
08:11	08:11	Kushlia 132/33kV S/S T2 HT is restored.	
08:12	10:10	Dummy S/S 404T HT Scheduled S/D Due to yearly maintenance	
08:12	08:12	Kushlia 132/33kV S/S T2 LT is restored.	
08:17	20:52	Gollamari 132/33kV S/S E01 Gollamari-Gopalganj Line - 1 Project Work S/D Due to PW	
08:18	20:51	Gopalganj 132/33kV S/S Gallamari-1 Scheduled S/D Due to Aldc	
08:40	08:40	Lalmonirhat 132/33kV S/S Transformer T-1 425T LT is restored.	
08:40	08:40	Lalmonirhat 132/33kV S/S Transformer T-1 425T HT is restored.	
08:49	19:38	Fatullah 132/33kV S/S 132 kV Hasnabad Scheduled S/D Due to Removal of LILO between Hasnabad and Fatullah Grid at Agreko Powerplant.Shutdown was taken by NLDC.	
08:49		Fatullah-Brahmangaon ckt SD for D/W	
08:54		Brahmangaon(Agreko)-Hasnabad 132 kV Ckt-2 Scheduled S/D from Hasnabad 132/33kV end Due to Remove Connection	
09:30	10:40	Hasnabad -Agreko Brahmangaon power station line at a time connect this line with Fatullah 132/33 kv Grid Sub-Station.	
09:32		Labag 132/33kV S/S Tr-Load LT Forced S/D Due to Maintenance	
09:32	10:58	Sonargaon 132/33kV S/S Tr-2 HT Tripped showing Main Relay; General Trip.Trafo Trabl Trip, No Voltage, Backup Protection :General TripDiff Trip,Diff R,Diff Y relays Due to Auxiliary transformer -01-Trip, Due to Bird drop in Fuse (Aux-01). R.Y phase Fuse loop out. Under Transformer -01.	36.0MW load interrup.
09:51	10:45	Sonargaon 132/33kV S/S Tr-1 LT Tripped showing DIR /C & E/F Fault Relay. relays Due to Auxiliary -01 trip due to Bird drop in Fuse. Fuse Phase R.Y loop out.	31.0MW load interrup.
10:09	10:11	Natore-Rajshahi 132kV Ckt-1 Scheduled S/D from Rajshahi 132/33kV end Due to Oil Leakage Maintenance Work.	
10:10	10:42	Matarbari PP 400/11 kv, 114 MVA, Start Up TR. (SUT) was switched on.	
10:30	11:12	Kazda-Maniknagar 132kV ckt-1 Tripped from Kazla 132/33kV end showing Over current relays Due to Unknown	45.0MW load interrup.
10:34	11:12	Kamrangirchar-Zigatola 132kV ckt-1 Tripped from Dummy end showing distance relays Due to thundering	
10:35	14:17	Tangail 132/33kV S/S T-4 LT Forced S/D Due to Work on 33kv shakhipur feeder	
11:32	14:17	Tangail 132/33kV S/S Tr-4 HT Forced S/D Due to Work on 33kv shakhipur feeder	
11:33	14:16	Gollamari 132/33kV S/S Tr-2 LT Project Work S/D Due to SAS	
12:00		Gollamari 132/33kV S/S Tr-2 HT Project Work S/D Due to SAS	
12:29		Day Peak Gen. 11850 MW	
12:48	12:51	Ullon GT1 was switched on	
13:40		Labag 132/33kV S/S Tr-Load LT Tripped showing 86 relays Due to Overload	45.0MW load interrup.
13:40		Siddhirganj GT2 was sync.	
13:56	14:23	Siddhirganj GT-2 was sync.	
21:00		Sonargaon 132/33kV S/S Tr-1 LT Tripped showing Dir O/C trip relays Due to Over load	70.0MW load interrup.
04:17	04:58	Evening Peak Generation = 14,511MW	
04:17	04:58	Kulaura 132/33kV S/S Tr-2 LT Tripped showing over current protection relay relays Due to Due to 33kV comolganj feeder fault	30.0MW load interrup.
05:31	06:48	Kulaura 132/33kV S/S Tr-1 LT Tripped showing over current protection relay relays Due to Due to 33kV comolganj feeder fault	30.0MW load interrup.
05:31	06:48	Khulshi 132/33kV S/S 405T (T1) HT Forced S/D Due to Due to red hot detection	
05:49	06:48	Khulshi 132/33kV S/S 405T (T1) LT Forced S/D Due to Due to red hot detection	
06:05		Sirajgonj unit-4 ST & GT were s/d at 05:49 hrs & 06:08 hrs due to red hot Maint.	300MW generation interrup.
06:25	07:57	Maniknagar-Siddhirganj 230kV Ckt-2 Project Work S/D from Maniknagar 230/132kV end Due to For new tower re-routing work & Line bypass work. and from Siddhirganj 230/132kV end Due to Development Work	
06:26	07:57	Sylhet 132/33kV S/S T4 LT Scheduled S/D Due to Maintenance and Replacement of T9 X-Former PDB	
06:52		Sylhet 132/33kV S/S T4 HT Scheduled S/D Due to Maintenance and Replacement of T9 X-Former PDB	
06:52		Kodda 132/33kV S/S Tr-4 (436T) LT Scheduled S/D	50.0MW load interrup.
06:54		Kodda 132/33kV S/S Tr-3 (426T) HT Scheduled S/D	50.0MW load interrup.
07:00		Kodda 132/33kV S/S Tr-3 (426T) LT Scheduled S/D Due to None	50.0MW load interrup.
07:14		Kodda 132/33kV S/S Tr-4 (436T) HT Scheduled S/D	50.0MW load interrup.
07:14		Minimum generation: 11312 MW.	
07:24		Jamalpur 132/33kV S/S T-3 HT Scheduled S/D	
07:25		Jamalpur 132/33kV S/S T-3 LT Scheduled S/D	
07:43		Saidpur 132/33kV S/S TR-5 (434T) LT Scheduled S/D Due to 33kV Bus Coupler DS Maintenance.	
		Saidpur 132/33kV S/S TR-5 (434T) HT Scheduled S/D Due to 33kV Bus Coupler DS Maintenance.	
		Sirajgonj 230 S/S SNWPC (Unit-04) Forced S/D Due to Bay ds Yellow Phase Red hot.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle