

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

Reporting Date : 30-May-24

Till now the maximum generation is :-		16477.0		21:00	Hrs on	30-Apr-24	
The Summary of Yesterday's		29-May-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	12459.0 MW	Hour :	12:00	Min. Gen. at	7:00	11253	
Evening Peak Generation :	14955.0 MW	Hour :	21:00	Available Max Generation :		15897	
E.P. Demand (at gen end) :	14700.0 MW	Hour :	21:00	Max Demand (Evening) :		15000	
Maximum Generation :	14920.0 MW	Hour :	23:00	Reserve(Generation end)		897	
Total Gen. (MKWH) :	304.402	System Load Factor	85.01%	Load Shed		0	

Export from East grid to West grid :- Maximum		190 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		78.00 Ft.(MSL)		30-May-24	Rule curve :	78.40 Ft.(MSL)

Gas Consumed :	Total =	1076.00 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk409,484,210	Coal :	Tk539,090,020	Oil :	Tk1,089,449,468
					Total :	Tk2,038,023,699

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW	0:00		MW	0:00	
Dhaka	0	0:00	4049	0	0%	
Chittagong Area	0	0:00	1110	0	0%	
Kuluna Area	0	0:00	1553	0	0%	
Rajshahi Area	0	0:00	1349	0	0%	
Cumilla Area	0	0:00	1111	0	0%	
Mymensingh Area	45	0:00	826	0	0%	
Sylhet Area	0	0:00	463	0	0%	
Barisal Area	0	0:00	386	0	0%	
Rangpur Area	65	0:00	754	0	0%	
Total	110		11600	0		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit-2
	2) Ghorasal-3,4,7
	3) Shahjibazar 330 MW
	4) Baghabari-100 MW
	5) Raoson unit-2
	6) Siddharganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
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Time	Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:12		Adani Power Jharkhanda Ltd Synchronized with remarks:- U-2	
09:07		Mithapukur 132/33kV S/S TR-2 (414T) LT Forced S/D Due to Red hot maintenance work	
09:08	10:23	Mithapukur 132/33kV S/S TR-2 (414T) HT Forced S/D Due to Red hot maintenance work	
09:27	11:08	Savar 132/33kV S/S Bus-B Scheduled S/D Due to For Red hot maintenance of DPBS-1 & DPBS-3.	
09:43		Adani Power Jharkhanda Ltd Tripped with remarks:- U-2	
10:14	10:29	Bogura 400/230kV S/S TR-2 HT Tripped showing Differential Relay relays.	
10:14	10:29	Kulaura 132/33kV S/S TR-2 LT Tripped showing Differential Relay relays.	
10:33	18:50	Bogura 400/230kV S/S ATR-01 HT Project Work S/D Due to DFDR and fire hydrant commissioning	
10:33	18:50	Bogura 400/230kV S/S ATR-01 LT Project Work S/D Due to DFDR and fire hydrant commissioning	
10:56	11:21	Daudkandi-Sonargaon 132 kV Ckt-1 Forced S/D from Daudkandi 132/33kV end Due to Emergency maintenance work. and from Sonargaon 132/33kV end Due to Shutdown taken by Daudkandi end	
11:33		Fenchugonj CAPP Phase-1 Synchronized with remarks:- GT-1	
11:48		Adani Power Jharkhanda Ltd Synchronized with remarks:- U-2	
12:00		Day peak generation is 12459 MW.	
12:01	13:41	Palashbari 132/33kV S/S TR2-404T LT Forced S/D Due to Red hot maintenance	
12:02	13:40	Palashbari 132/33kV S/S TR2-404T HT Forced S/D Due to Red hot maintenance	
13:01	15:35	Sherpur 132/33kV S/S Transformer- 04 HT Project Work S/D Due to T-04, 33kV Bus DS Maintenance	
13:17		Fenchugonj CAPP Phase-2 Synchronized with remarks:- GT-3	
13:17		Bogura 400/230 kV S/S Reactor S/D. (Voltage Increase)	
13:17		Bogura 400/230kV S/S 400 kV Reactor (125 MVAR) Forced S/D Due to Due to increase the voltage level	
13:25	18:48	Bogura 400/230kV S/S 230 kV BUS-A (A1-A2) Project Work S/D Due to Due to DFDR commissioning	
14:20	17:35	Sonargaon 132/33kV S/S OPLS(IEI-2) Forced S/D Due to OPLS (power plant) control panel signal displayed TC1/TC2 faulty CB gas pressure Lock out	
14:20	17:35	Sonargaon 132/33kV S/S OPLS(IEI-2) Scheduled S/D Due to Control panel signal showing TC1/TC2 faulty CB SF6 gas pressure Lock out	
14:25		Sirajgonj 225MW CAPP Unit-3 Synchronized with remarks:- GT	
14:44	15:31	Cumilla(N) 230/132/33kV S/S 132kV T-05 HT Forced S/D Due to 33 kV Bus coupler maintenance	24.0MW load interrup.
14:45	15:32	Cumilla(N) 230/132/33kV S/S 132kV T-05 LT Forced S/D Due to 33 kV Bus coupler maintenance	24.0MW load interrup.
15:41	16:55	Kachua 132/33kV S/S R1 HT Forced S/D	
17:03	20:18	Gopalganj 400/132kV S/S 400kV Rampal Ckt-2 Tripped showing Z1,B&C phase trip relays.	
17:22		Sirajgonj 225MW CAPP Unit-3 Synchronized with remarks:- ST	
18:52		Bogura (W) - Bogura 230 kV ckt 1 Sync	
18:53		Bogura (W) - Bogura 230 kV ckt 2 Sync	
19:03	22:44	Keranigonj 230/132/33kV S/S TR-2 LT Forced S/D Due to 33kV konakhola feeder maintenance work by PBS.	
19:03	22:44	Keranigonj 230/132/33kV S/S 33kV Bus Section-2 Forced S/D Due to Due to Konakhola feeder maintenance work by PBS	
19:03	22:44	Keranigonj 230/132/33kV S/S TR-2 HT Forced S/D Due to 33kV konakhola feeder maintenance work by PBS.	
19:59		Brahmanbaria-Shahjibazar 132 kV Ckt-2 Forced S/D from Brahmanbaria 132/33kV end Due to instruction by NLDC SDE.	
19:59		Brahmanbaria-Shahjibazar 132 kV Ckt-1 Forced S/D from Brahmanbaria 132/33kV end Due to instruction by NLDC SDE.	
	20:38	Madanganj 132/33kV S/S GT-2 HT is restored.	
	20:56	Madanganj 132/33kV S/S GT-2 HT is restored.	
	20:56	Madanganj 132/33kV S/S GT-2 LT is restored.	
		Evening Peak Generation = 14,568MW	
21:00		Ishurdi 132/33kV S/S 132 kV Baghabari Line Forced S/D	
00:51	21:12	SS Power Shutdown with remarks:- Unit-1	
00:55		SS Power Synchronized with remarks:- U-2	
00:55		SS Power Synchronized with remarks:- unit-2	
00:55		SS Power Synchronized with remarks:- U-2	
04:39	04:54	Sherpur 132/33kV S/S Transformer- 01 HT Tripped showing O/C relays Due to PDB 33 kV incoming -01 Feeder fault.	
04:39	04:55	Sherpur 132/33kV S/S Transformer- 01 LT Tripped showing O/C relays Due to PDB 33 kV incoming -01 Feeder fault.	
04:39	04:53	Sherpur 132/33kV S/S Transformer- 02 LT Tripped showing O/C relays Due to PDB 33 kV incoming -01 Feeder fault.	
06:03		Cumilla(N)-Daudkandi 132 kV Ckt-1 Project Work S/D from Cumilla(N) 230/132/33kV end Due to Conductor Stringing	
06:10		Barorhat-Hathazari 132 kV Ckt-2 Project Work S/D from Barorhat 132/33kV end Due to Stringing work at LILO of korehat 400/230/132 kv GIS S/S by ESPNER Project.	
06:25	06:34	Sylhet 132/33kV S/S T1 LT Tripped showing Lock Out relays Due to Upashahar Feeder Fault	17.0MW load interrup.
06:25	06:33	Sylhet 132/33kV S/S T1 HT Tripped showing Lock Out relays	17.0MW load interrup.
06:38		Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt Scheduled S/D	
06:41		Fatullah-Madanganj 132 kV Ckt-2 Scheduled S/D from Fatullah 132/33kV end.	
07:00		Minimum generation 11253 MW	
07:10		Barapukuria-Bogura 230 kV Ckt-1 Project Work S/D from Barapukuria 230/132/33kV end Due to Project work. and from Bogura 400/230kV end Due to DFDR commissioning work	
07:12		Hasnabad-Sitalakhya 132kV Ckt-1 Forced S/D from Sitalakhya 132/33kV end.	
07:36		Hasnabad-Sitalakhya 132kV Ckt-1 Scheduled S/D from Hasnabad 132/33kV end Due to Conductor stringing work (Due to Kharjahan All P/S Line Fault.)	
06:41		Shahmipur-Sikalbaha 132kV Ckt-1 Scheduled S/D from Shikalbaha 230/132kV end Due to Bus-Shut down at Shahmipur End.	
06:47		Aminbazar-Kaliakoir 230kV Ckt-1 Scheduled S/D from Kaliakoir 400/230/132kV end Due to By NLDC	
06:48		Aminbazar-Kaliakoir 230kV Ckt-2 Scheduled S/D from Kaliakoir 400/230/132kV end Due to By NLDC	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle