

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

Reporting Date : 27-May-24

Till now the maximum generation is :-		16477.0		21:00 Hrs on 30-Apr-24	
The Summary of Yesterday's		26-May-24		Generation & Demand	
Day Peak Generation :	12667.0 MW	Hour :	12:00	Min. Gen. at	8:00
Evening Peak Generation :	13435.0 MW	Hour :	19:30	Available Max Generation :	12772
E.P. Demand (at gen end) :	13560.0 MW	Hour :	19:30	Max Demand (Evening) :	8500
Maximum Generation :	14173.0 MW	Hour :	3:00	Reserve(Generation end)	4272
Total Gen. (MKWH) :	313,539	System Load Factor :	92.18%	Load Shed :	0

Export from East grid to West grid :- Maximum		584 MW		at	22:00	Energy
Import from West grid to East grid :- Maximum		-		at	-	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	71.84		FL(MSL)	27-May-24	Rule curve : 77.20 FL(MSL)

Gas Consumed :	Total =	843.37 MMCFD.		Oil Consumed (PDB) :		HSD :
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	TK350,466,492		Oil :	Tk1,228,628,459	
	Coal :	TK716,786,852			Total : TK2,995,881,802	

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	25	0:00	2918	792	0	0%	
Chittagong Area	0	0:00	1106	959	0	0%	
Khulna Area	0	0:00	586	330	0	0%	
Rajshahi Area	0	0:00	274	535	0	0%	
Cumilla Area	25	0:00			0	0%	
Mymensingh Area	0	0:00			0	0%	
Sylhet Area	0	0:00			0	0%	
Barisal Area	0	0:00			0	0%	
Rangpur Area	69	0:00			0	0%	
Total	119		8290		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) Shajibazar 330 MW 4) Baghabari-100 MW 5) Razzan unit-2 6) Siddhirganj 210 MW

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
10:01	17:21	Savar 132/33kV S/S Bus-A Scheduled S/D Due to Installation of T-4 bay	
10:23	13:53	Bogura 400/230kV S/S 400 KV BUS-02 Project Work S/D Due to DFDR commissioning.	
11:41	11:48	Barishal 132/33kV S/S T-1 (405T) LT Tripped showing Int. O/C, Definite O/C, 86X (lockout) relays Due to Dopdapia 2, 33kv feeder (wzpdcl).	40.0MW load interrup.
12:00	-	Day peak Generation : 12668 MW	
12:06	12:53	Bagerhat 132/33kV S/S Transformer-3 (423 T) LT Forced S/D Due to 132 kv control Panel CT connection maintenance works	30.0MW load interrup.
12:07	12:52	Bagerhat 132/33kV S/S Transformer-3 (423 T) HT Forced S/D Due to 132 kv control Panel CT connection maintenance works	30.0MW load interrup.
14:04	17:49	Bogura 400/230kV S/S 400 KV BUS-01 Project Work S/D Due to DFDR Commissioning	
14:19	17:11	Fatullah-Madanganj 132 kv Ckt-2 Scheduled S/D from Fatullah 132/33kV end Due to Erection work	
14:19	17:09	Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt Scheduled S/D	
16:51	17:25	Bheramara P/S-Faridpur 132 kv Ckt-2 Tripped from Bheramara 230/132kV end showing 86LO relays.	
17:12	17:33	Kalurghat 132/33kV S/S TRFO-02(516T) LT Tripped showing REF615 relays Due to PDB 33kv FLASHING	17.0MW load interrup.
17:12	17:33	Kalurghat 132/33kV S/S TRFO-01(506T) LT Tripped showing REF615 relays Due to PDB 33kv FLASHING	17.0MW load interrup.
18:14	18:22	Haripur 230/132kV S/S Ullon (Maniknagar-2) Tripped showing Microm Distance Zone-1, Y phase and Distance send. relays Due to None.	
18:26	18:55	Kalurghat 132/33kV S/S TRFO-02(516T) HT Forced S/D Due to PDB BUS COUPLER Flashing	
19:30	-	Evening peak generation is 13435 MW.	
21:06	22:30	Mirzapur 132/33kV S/S Transformer-02(E07) HT Scheduled S/D Due to PBS Feeder Repair	15.0MW load interrup.
21:06	22:30	Mirzapur 132/33kV S/S Transformer-02(E07) LT Scheduled S/D Due to PBS Feeder Repair	15.0MW load interrup.
21:10	21:13	Niamatpur 132/33kV S/S Transformer-3(426T) LT Tripped showing 33 kv side Transformer-3 Relay panel(Rrip Relay) relays Due to Rain.	
22:36	22:52	Ishurdi 132/33kV S/S 132 kv Baghabari Line Forced S/D	
0:51	0:59	Tongi 230/132/33kV S/S Tongi-Uttara 3rd Phase Ckt Tripped showing Dist. B Phase relays Due to Thunder storm	
1:11	1:18	Sonargaon 132/33kV S/S Tr-2 LT Tripped showing DIR O/C & E/F relay. relays Due to PBS 33kv Aman cement feeder fault.	40.0MW load interrup.
-	2:02	Rampal 400/230kV S/S Bus Reactor is restored.	
-	2:09	Rampal 400/230kV S/S Gopalganj Line-1 Reactor is restored.	
-	2:16	Benapole 132/33kV S/S Transformer-2(416T) LT is restored.	
3:56	5:56	Cuadanga 132/33kV S/S 132kV Tr. T3 LT Tripped showing Master trip relay. relays Due to Due to rain & strom.	16.0MW load interrup.
3:56	5:52	Cuadanga 132/33kV S/S 132kV Tr. T3 HT Tripped showing Differential Relay. relays Due to Due to rain & strom.	16.0MW load interrup.
3:56	4:10	Cuadanga 132/33kV S/S 132kV Tr. T2(426T) LT Tripped showing 33kv side Transformer-3 Relay panel(Rrip Relay) relays Due to Due to rain & strom.	16.0MW load interrup.
4:01	4:13	Barishal-Bhandaria 132 kv Ckt-1 Tripped from Barishal 132/33kV end showing Time delay earth fault, distance 19.9 km, c phase relays Due to Bad weather, Cyclone Remal.	
5:07	5:14	Hasnabad 132/33kV S/S 132/33kV 424 T-5 LT Tripped showing Over current relays.	15.0MW load interrup.
5:07	5:14	Hasnabad 132/33kV S/S 33kv Main Bus Tripped showing Over current relays Due to 33kv Nobabganj-2 feeder fault.	30.0MW load interrup.
5:07	5:14	Hasnabad 132/33kV S/S 132/33kV 404 T-1 LT Tripped showing Over current relays Due to 33kv Nobabganj-2 fault	30.0MW load interrup.
5:14	5:14	Hasnabad 132/33kV S/S 132/33kV 424 T-5 LT Tripped showing Over current relays Due to 33kv Nobabganj-2 feeder fault	30.0MW load interrup.
-	5:14	Hasnabad 132/33kV S/S 33kv Main Bus is restored.	
6:25	7:50	Barishal-Patuaakhali(Barguna T at Bakergonj) 132 kv Ckt Tripped from Patuaakhali 132/33kV end showing Distance realy relays Due to Fall a tree in line.	
6:38	-	Bagerhat-Bhandaria 132 kv Ckt-1 Tripped from Bagerhat 132/33kV end showing Distance (321) relays.	
6:50	-	Khulna (C) S/S TR-1 425T LT Forced S/D Due to Instruction by incharge	
6:50	-	Khulna (C) S/S TR-1 425T HT Forced S/D Due to Instruction by incharge	
7:00	-	Min. Gen. 6304 MW	
7:02	7:48	Barorihat-Hathazari 132 kv Ckt-1 Tripped from Barorihat 132/33kV end showing Distance Relay relays.	
7:21	7:28	Bashundhara-Rampura 132 kv Ckt-1 Tripped from Rampura 230/132kV end showing Distance protection 21/1 : Z1,BN relays Due to Unknown.	
7:25	7:50	Barishal-Patuaakhali(Barguna T at Bakergonj) 132 kv Ckt Scheduled S/D from Barishal 132/33kV end Due to Tree fall on line due to Cyclone Remal.	
7:55	7:59	Bashundhara-Tongi 132 kv Ckt-2 Tripped from Tongi 230/132/33kV end showing Distance relay, B-Phase relays Due to Heavy wind.	
06:41	-	Shahmirpur-Sikalbaha 132kV Ckt-1 Scheduled S/D from Shikalbaha 230/132kV end Due to Bus-Shut down at Shahmirpur 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