

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

Reporting Date : 21-May-24

Till now the maximum generation is : -

16477.0

21:00

Hrs on

30-Apr-24

The Summary of Yesterday's		20-May-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :		12911.0	MW	Hour :	12:00	Min. Gen. at	7:00	11354
Evening Peak Generation :		14219.0	MW	Hour :	19:30	Available Max Generation		17069
E.P. Demand (at gen end) :		14376.0	MW	Hour :	19:30	Max Demand (Evening) :		14600
Maximum Generation :		14219.0	MW	Hour :	19:30	Reserve(Generation end)		2469
Total Gen. (MKWH) :		303.048		System Load Factor :	88.80%	Load Shed		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum				316	MW	at	21:00	Energy	
Import from West grid to East grid :- Maximum						at		Energy	
Water Level of Kaptai Lake at 6:00 A M on		21-May-24							
Actual :	72.50	FL(MSL) :		Rule curve :	78.00	FL(MSL)			

Gas Consumed :	Total =	1278.09	MMCFD.	Oil Consumed (PDB) :					
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk483,364,803		Coal :	Tk518,984,514	Oil :	Tk560,808,841	Total :	Tk1,563,157,958

Load Shedding & Other information

Area	Yesterday		Estimated Demand (S/S end)		Today		Estimated Shedding (S/S end)		Rates of Shedding (On Estimated Demand)	
	MW	0.00	MW		MW		MW		0%	
Dhaka	100	0.00	4955		0		0		0%	
Chattogram Area	0	0.00	1364		0		0		0%	
Khulna Area	0	0.00	1911		0		0		0%	
Rajshahi Area	0	0.00	1662		0		0		0%	
Cumilla Area	0	0.00	1367		0		0		0%	
Mymensingh Area	50	0.00	1017		0		0		0%	
Sylhet Area	0	0.00	570		0		0		0%	
Barisal Area	0	0.00	475		0		0		0%	
Rangpur Area	0	0.00	929		0		0		0%	
Total	150		14249		0		0			

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit- 2
- 2) Ghoreas-3,4,7
- 3) Shajibazar 330 MW
- 4) Baghabari-100 MW
- 5) Raooan unit-2
- 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.		Remark
Time	Time			
08:15	20:48	Keranigonj 230/132/33kV S/S Hasnabad Scheduled S/D Due to Right of way work from hasnabad end.		
08:51	18:29	Gopalganj 400/132kV S/S ATR-03 HT Scheduled S/D		
08:51	18:29	Gopalganj 400/132kV S/S ATR-03 HT Scheduled S/D		
08:51	18:31	Gopalganj 400/132kV S/S ATR-03 LT Scheduled S/D		
08:58	09:08	Dhaka University S/S GT-2 LT Scheduled S/D Due to Gas Refilling		
08:59	09:08	Dhaka University S/S GT-2 HT Scheduled S/D Due to Gas Refilling		
09:27	18:58	Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt Project Work S/D		
09:28	12:05	Kaliakoir 400/230/132kV S/S Bibiyana1 Scheduled S/D Due to OPGW Wire maintenance at line.		
09:28	18:58	Fatullah-Madanganj 132 kv Ckt-2 Scheduled S/D from Fatullah 132/33kV end Due to Tower erection work at Madanganj to Fatullah line.		
09:30	12:05	Bibiyana-Kaliakoir 400 kv Ckt-1 Scheduled S/D from Bibiana 400/230kV end Due to Line Problem Kaliakoir Side		
09:39		Brahmanbaria 132/33kV S/S 401T HT is restored.		
09:39		Brahmanbaria 132/33kV S/S 401LT HT is restored.		
09:56	12:14	Ishurdi 132/33kV S/S 132 kv Baghabari Line Project Work S/D Due to Loop jumper connection.		
10:48	17:02	Siddhirganj 132/33kV S/S 120MW EGCB GT2 Forced S/D Due to Maintenances work in EGCB Ends		
11:40		Rooppur 230/10.5 kv T-02 Syn.		
11:42	23:35	Jhenaidah-Khulna 230kV Ckt-1 Project Work S/D from Khulna(S) 230/132kV end. and from Jhenaidah 230/132kV end Due to For stability test of Khulna end		
11:48	23:24	Khulna(S) 230/132kV S/S 230 KV Main Bus 1 Project Work S/D		
11:57	12:22	Natore 132/33kV S/S TR-3 (425 T) LT Tripped showing O/C> relays Due to Feeder fault		24.0MW load interruption.
12:00		Day peak gen. 12911 MW.		
12:31	13:40	Barapukuria 230/132/33kV S/S 132/33 KV T-5, 424T LT Forced S/D Due to Red hot maintenance work.		
12:33	13:33	Barapukuria 230/132/33kV S/S 132/33 KV T-5, 424T HT Forced S/D Due to Red hot maintenance work.		
13:29	14:49	Fenchuganj-Kulaura 132 kV Ckt-2 Scheduled S/D from Kulaura 132/33kV end Due to Redhot maintenance and from Fenchuganj 230/132/33kV end Due to Shutdown taken by Kulaura SS.		
	13:47	Joypurhat-Naogaon 132kV Ckt-1 is restored.		
	15:45	Bogura 230/132kV S/S T-02 HT is restored.		
	15:45	Bogura 230/132kV S/S T-02 LT is restored.		
17:21	17:30	Bagerhat 132/33kV S/S Transformer-2 (413 T) LT Tripped showing E/F (time) relays Due to 33kv morrelgonj feeder fault		9.0MW load interruption.
17:21	17:29	Bagerhat 132/33kV S/S Transformer-1 (403T) LT Tripped showing E/F (time) relays Due to 33 kv morrelgonj feeder fault		
17:40	17:54	Tangail 132/33kV S/S Tr-4 HT Tripped showing siemans SIPROTEC7UT86 relays Due to 33kv kachuandanga feeder string insulator blast		14.0MW load interruption.
17:40	17:55	Tangail 132/33kV S/S Tr-4 LT Tripped showing Micom P122 relays Due to 33kv kachuandanga feeder string insulator blast		
19:17	22:04	Kabirpur-Tongi 132kV Ckt-2 Forced S/D from Tongi 230/132/33kV end Due to Temperature minimising work		100.0MW load interruption.
19:30		Evening Peak Gen. 14219 MW		
23:22	00:06	Benapole 132/33kV S/S Transformer-1(406T) LT Forced S/D Due to Bagachara feeder redhot maintenance		25.0MW load interruption.
23:23	00:05	Benapole 132/33kV S/S Transformer-1(406T) HT Forced S/D Due to Bagacora feeder redhot maintenance		
07:00		Minimum generation: 11354 MW.		
07:09		Purbasadipur 132/33kV S/S T-2 Transformer (413T) LT Scheduled S/D Due to due to pbs 33kv Bus D5 Red Hot under T2-33kv Bus		
07:10		Purbasadipur 132/33kV S/S T-2 Transformer (413T) HT Scheduled S/D Due to due to pbs 33kv bus D5 red hot under T2-33kv bus		

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle