

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

Reporting Date : 5-Jun-24

Till now the maximum generation is :-		16477.0	21:00	Hrs on	30-Apr-24
The Summary of Yesterday's		4-Jun-24	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	13555.0 MW	Hour :	12:00	Min. Gen. at	8:00
Evening Peak Generation :	14937.0 MW	Hour :	19:30	Available Max Generation	12071
E.P. Demand (at open end) :	15080.0 MW	Hour :	19:30	Max Demand (Evening) :	15900
Maximum Generation :	14937.0 MW	Hour :	19:30	Reserve(Generation end)	85
Total Gen. (MKWH) :	327.804	System Load Factor	91.47%	Load Shed	0

EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid -> Maximum	550 MW	at	20:00	Energy	
Import from West grid to East grid -> Maximum				Energy	
Actual :	Water Level of Kaptai Lake at 6:00 A M on	5-Jun-24	Rule curve :	77.04	Fl.(MSL)
	81.57	Fl.(MSL)			

Gas Consumed :	Total =	985.86 MCMCFD.	Oil Consumed (PDB) :		
				HSD :	
				FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk411,140,054	Oil :	Tk1,025,383,167	Total : Tk2,184,069,140
	Coal :	Tk747,545,919			

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		MW		
Dhaka	40	0:00	5504		0		0%
Chittagong Area	0	0:00	1518		0		0%
Khulna Area	0	0:00	2128		0		0%
Rajshahi Area	0	0:00	1851		0		0%
Cumilla Area	0	0:00	1523		0		0%
Mymensingh Area	97	0:00	1133		0		0%
Sylhet Area	0	0:00	634		0		0%
Barisal Area	0	0:00	529		0		0%
Rangpur Area	0	0:00	1035		0		0%
Total	137		15857		0		

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit-2
- 2) Ghoraal-3,4,7
- 3) Shajbazar 330 MW
- 4) Baghabari-100 MW
- 5) Raozan unit-2
- 6) Siddhirganj 210 MW

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:19		Niamatpur 132/33kV S/S Transformer-1(407T) LT Scheduled S/D Due to 132 kV Bus Bar scheme Change	
08:19		Niamatpur 132/33kV S/S Transformer-1(407T) HT Scheduled S/D Due to 132 kV Bus Bar scheme Change	
	10:07	Aminbazar-Keraniganj 230kV Ckt-1 is restored.	
	11:12	Goalpara 132/33kV S/S T-5 HT is restored.	
	11:14	Goalpara 132/33kV S/S T-5 LT is restored.	
	11:16	Goalpara 132/33kV S/S T-6 HT is restored.	
	11:18	Goalpara 132/33kV S/S T-6 LT is restored.	
11:26	12:16	Khulna (C) S/S Auxiliary Transformer HT Forced S/D Due to Cable maintenance	
11:26	12:16	Khulna (C) S/S Auxiliary Transformer LT Forced S/D Due to Cable maintenance	
12:00		Day Peak Generation: 13555 MW.	
	12:27	Chandpur 132/33kV S/S Bus A is restored.	
12:32	13:30	Jaldhaka 132/33kV S/S 416T-2 LT Tripped showing O/C Y phase relays Due to 33kv Feeder fault PBS Jaldhaka and Dommer.	21.0MW load interruption.
12:32	13:53	Jaldhaka 132/33kV S/S 406T-1 LT Tripped showing O/C Y phase relays Due to 33kv Feeder fault PBS Jaldhaka and Dommer.	
14:17	14:41	Magura 132/33kV S/S T-2 (415T) HT Project Work S/D Due to Power flow direction change at 33kV CRP panel.	
14:41	19:09	Kaliakoir-Tongi 230kV Ckt-2 Scheduled S/D from Kaliakoir 400/230/132kV end Due to Emergency Maintenance.	
14:43	17:11	Fenchuganj 230/132/33kV S/S TR-02 HT Project Work S/D Due to G2G Project Work.	
14:53	17:50	Jaldhaka 132/33kV S/S 406T-1 LT Forced S/D Due to 33kv Tr_1 Shutdown due to 33kv BUS D/S post Insulator change By PBS	15.0MW load interruption.
14:53	17:50	Jaldhaka 132/33kV S/S 416T-2 LT Forced S/D Due to 33kv Tr_2 Shutdown due to 33kv BUS D/S post Insulator change By PBS	30.0MW load interruption.
15:03	16:33	Fenchuganj 230/132/33kV S/S 132 KV Bus-2 Scheduled S/D Due to G2G project works	
	15:25	Sonargaon 132/33kV S/S BUS B is restored.	
16:32	16:59	Haripur-Narsingdi 132kV Ckt-1 Tripped from Haripur 230/132kV end showing Z-1, BN relays Due to Rainfall.	
18:54	19:01	Kabirpur - Manikganj 132kV Ckt-1 Tripped from Kabirpur 132/33kV end showing Distance protection relay, R phase, distance 34.1km. relays Due to None	29.0MW load interruption.
19:13	00:33	Kabirpur - Manikganj 132kV Ckt-1 Tripped from Kabirpur 132/33kV end showing Distance protection relay, R phase, distance 27.5km. relays.	
19:30		Evening Peak Gen. 14938 MW	
00:57	01:29	Kabirpur 132/33kV S/S XFR, T-3 HT Forced S/D Due to Shutdown taken by DPBS-1 due to red hot maintenance at 33 kV DEPZ feeder's bus DS (B phase) load side.	50.0MW load interruption.
06:00		Minimum Generation = 12,111MW	
06:34		Dohazari-Sikalbaha 132 kV Ckt-1 Project Work S/D from Dohazari 132/33kV end Due to patiya LLO work	
06:53		Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt Scheduled S/D	
06:59		Fatullah-Madanganj 132 kV Ckt-2 Scheduled S/D from Fatullah 132/33kV end Due to New Tower Conducting by Project.CB open- 06:59 Line Isolator Open- 07:11 Earth switch Close- 07:14	
07:06		Jashore 132/33kV S/S JH-1(L2) Forced S/D Due to Jhenaidah 230 kv T1-xformer overloaded due to T2-xformer shutdown.	
07:09		Jashore 132/33kV S/S JH-2(L1) Forced S/D Due to Jhenaidah 230 kv T1-xformer overloaded due to T2-xformer shutdown.	
07:14		Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-2 Forced S/D Due to As per order of ALDC	
07:14		Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-1 Forced S/D Due to As per order of ALDC	
07:18		Jhenaidah 230/132kV S/S Transformer- 2 LT Scheduled S/D Due to Emergency Maintenance	
07:19		Jhenaidah 230/132kV S/S Transformer- 2 HT Scheduled S/D Due to Emergency Maintenance	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle