

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

Reporting Date : 4-Oct-23

How the maximum generation is :-

The Summary of Yesterday's		3-Oct-23		15648.0		21:00		Hrs on		19-Apr-23	
		Generation & Demand		Hour :		12:00		Today's Actual Min Gen. & Probable Gen. & Demand		Min. Gen. at	
Day Peak Generation :	12053.0 MW	Hour :	12:00	Available Max Generation :	7.00	10027					
Evening Peak Generation :	13294.0 MW	Hour :	19:00	Max Demand (Evening) :	13600	16350					
E.P. Demand (at gen end) :	13360.0 MW	Hour :	19:00	Reserve(Generation end)	2750						
Maximum Generation :	13294.0 MW	Hour :	19:00	Load Shed	0						
Total Gen. (MkWh) :	288.970	System Load Factor :	90.57%								

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		4-Oct-23		444 MW at 21:00		Energy	
From East grid to West grid :- Maximum		Water Level of Kaptai Lake at 6:00 A.M on		Rule curve :	106.27	Fl (MSL)	
From West grid to East grid :- Maximum		Actual :	107.88	Fl (MSL)			

Gas Consumed :		Total = 1040.11 MMCFD.		Oil Consumed (PDB) :		HSD :	
							FO :
of the Consumed Fuel (PDB+PV) :		Gas :	Tk144,710,683	Oil :	Tk338,170,291	Total : Tk1,115,745,370	
		Coal :	Tk632,864,195				

Load Shedding & Other Information							
Area	Yesterday		Today		Rates of Shedding		
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	MW	(On Estimated Demand)	
Dhaka	0	0.00	4656	0	0	0%	
Chittagong Area	0	0.00	1291	0	0	0%	
Khulna Area	0	0.00	1809	0	0	0%	
Rajshahi Area	0	0.00	1572	0	0	0%	
Cumilla Area	25	0.00	1294	0	0	0%	
Mymensingh Area	20	0.00	962	0	0	0%	
Sylhet Area	18	0.00	539	0	0	0%	
Barisal Area	0	0.00	450	0	0	0%	
Rangpur Area	0	0.00	879	0	0	0%	
Total	63	0.00	13492	0	0	0%	

Information of the Generating Units under shut down.

Planned Shut-Down		Forced Shut-Down	
		1) Barapukuria ST: Unit- 1,2	
		2) Ghoraspal-3,7	
		3) Shajibazar 330 MW	
		4) Baghabari-71,100 MW	
		5) Raocan unit-2	
		6) Siddhirganj 210 MW .	

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:10	17:55	Jaldhaka 132/33kV S/S 416T LT Scheduled S/D Due to Annual Maintenance of Tr-02	
08:11	17:54	Jaldhaka 132/33kV S/S 416T HT Scheduled S/D Due to Annual Maintenance of Tr-02	
08:14	08:32	Agargaon 230/132kV S/S 230kV Transformer-2 (715T2) HT Scheduled S/D Due to Maintenance & Cleaning of Auxiliary Tr-2	
08:14	08:32	Agargaon 230/132kV S/S 230kV Transformer-2 (715T2) LT Scheduled S/D Due to Maintenance & Cleaning of Auxiliary Tr-2	
08:16	08:16	Kabirpur -Tongi 132kV Ckt-1 is restored.	
08:32	16:11	Khagachhari-Rangamat 132kV Ckt-2 Scheduled S/D from Khagachhari 132/33kV end Due to Annual Maintenance work.	
08:32	16:38	Khulna(S) 230/132kV S/S TR-1 LT Scheduled S/D Due to Annual maintenance work	
08:33	16:37	Khulna(S) 230/132kV S/S TR-1 HT Scheduled S/D Due to Annual maintenance work	
09:04	08:55	Mymensingh 132/33kV S/S Bus A is restored.	
09:04	09:04	Haripur 230/132 kV grid S/S Auto TR-2 Bus-2 CB (Bus breaker) was opened due to annual maintenance.	
09:04	09:04	Munshiganj 132/33kV S/S Transformer-1 HT is restored.	
09:10	11:30	Saidpur 132/33kV S/S TR-01 LT Scheduled S/D Due to None	
09:12	11:28	Saidpur 132/33kV S/S TR-01 HT Scheduled S/D Due to Annual maintenance	
09:40	09:14	Mymensingh 132/33kV S/S 50 MW Solar Plant is restored.	
09:43	11:08	Saidpur 132/33kV S/S 132 kV BUS Coupler Scheduled S/D	
	11:04	Saidpur 132/33kV S/S BUS A Scheduled S/D	
	10:02	Purbasaidpur 132/33kV S/S T-1 Transformer (403T) HT is restored.	
	10:03	Purbasaidpur 132/33kV S/S T-1 Transformer (403T) LT is restored.	
	16:42	Tongi 230/132kV S/S Tongi-Uttara 3rd Phase Ckt Scheduled S/D Due to Annual maintenance work	
	11:04	At HVDC, Rajshahi 230 KV Ckt-2 CB(20D0FCQ0) is S/D due to SF6 Gas Refill.	
	11:49	Hasnabad-Keraniganj 230kV Ckt-2 Tripped from Hasnabad 230/132kV end showing Relay Trip L1 Relay Trip L2 Relay Trip L3 AR Not Ready relays Due to Unknown and from Keraniganj 230/132/33kV end showing 86:12 Relay Operated, RVS Phase Pick up relays Due to Tripping	
	11:49	Hasnabad 230/132kV S/S Bus-2 Tripped showing Bus "2" BF & Bus PRO TC 1 OPER Bus "2" BF & Bus PRO TC 2 OPER relays.	
	12:00	Day peak generation 12053 MW.	
	13:26	At HVDC, Rajshahi 230 KV Ckt-2 CB(20D0FCQ0) is Restored.	
	16:25	Manknagar 132/33kV S/S Mero Rail - 2 Scheduled S/D Due to Metro rail ckt-2 cable terminat.	
	19:00	Evening Peak Gen. 13295 MW	
	19:58	Shariatpur 132/33kV S/S T2-416T HT is restored.	
	20:10	Shariatpur 132/33kV S/S Auxiliary-02 (PGCB) HT is restored.	
	03:22	Sonargaon-Bashundhara Multi Papers Ltd 132kV ckt tripped due to fire at red phase CT at Bashundhara end.	
	06:15	Purbasaidpur 132/33kV S/S 33kV Bank-2 Forced S/D Due to 132kV BUS shutdown for Red hot maintenance at T4 BUS DS	25.0MW load interruption
	06:15	Purbasaidpur 132/33kV S/S 33kV Bank-1 Forced S/D Due to 132kV BUS shutdown for Red hot maintenance at T4 BUS DS	80.0MW load interruption
	06:18	Purbasaidpur 132/33kV S/S T-4 Transformer HT Forced S/D Due to Red hot maintenance at T4 BUS DS	
	06:18	Purbasaidpur 132/33kV S/S T-4 Transformer LT Forced S/D Due to Red hot maintenance at T4 BUS DS	
	06:20	Purbasaidpur-Saidpur 132kV Ckt-1 Scheduled S/D from Saidpur 132/33kV end Due to For working on purbasaidpur end. and from Purbasaidpur 132/33kV end Due to 132kV BUS shutdown for Red hot maintenance at T4 BUS DS	
	06:20	Purbasaidpur-Thakurgaon-EPV 132kV Ckt-2 Forced S/D from Purbasaidpur 132/33kV end Due to Red hot maintenance at T4 BUS DS	
	06:20	Purbasaidpur-Thakurgaon-EPV 132kV Ckt-1 Forced S/D from Purbasaidpur 132/33kV end Due to Red hot maintenance at T4 BUS DS	
	06:21	Purbasaidpur-Saidpur 132kV Ckt-2 Forced S/D from Purbasaidpur 132/33kV end Due to 132kV BUS shutdown for Red hot maintenance at T4 BUS DS and from Saidpur 132/33kV end Due to For working on purbasaidpur end.	
	06:23	Purbasaidpur 132/33kV S/S T-1 Transformer (403T) LT Forced S/D Due to 132kV BUS shutdown for Red hot maintenance at T4 BUS DS	
	06:23	Purbasaidpur 132/33kV S/S T-3 Transformer (423T) LT Forced S/D Due to 132kV BUS shutdown for Red hot maintenance at T4 BUS DS	
	07:00	Minimum Gen. 10027 MW.	
	07:00	Minimum Generation 10027 MW.	
	07:04	Hathazari 230/132/33kV S/S T-02 HT Scheduled S/D Due to OLTG oil change	
	07:04	Hathazari 230/132/33kV S/S T-02 LT Scheduled S/D Due to OLTG oil change	
	07:22	Shariatpur 132/33kV S/S Auxiliary-02 (PGCB) HT Scheduled S/D Due to Annual Maintenance.	
	07:26	Shariatpur 132/33kV S/S T2-416T LT Scheduled S/D Due to Annual Maintenance.	
	07:27	Shariatpur 132/33kV S/S T2-416T HT Scheduled S/D Due to Annual Maintenance.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle