

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

Reporting Date : 1-Apr-24

Till now the maximum generation is :-		15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		31-Mar-24	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :		10854.0	Hour :	12:00	Min. Gen. at	7:00	10843
Evening Peak Generation :		13898.0	Hour :	21:00	Available Max Generation :		13740
E.P. Demand (at gen end) :		13950.0	Hour :	21:00	Max Demand (Evening) :		14200
Maximum Generation :		13898.0	Hour :	21:00	Reserve(Generation end)		-
Total Gen. (MKWH) :		280.615	System Load Factor :	84.13%	Load Shed		435

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		-20	MW	at	8:00	Energy
Export from East grid to West grid - Maximum						
Import from West grid to East grid - Maximum						
Water Level of Kaptai Lake at 6:00 A.M on 1-Apr-24		79.77	Ft.(MSL)	Rule curve :	88.00	Ft.(MSL)

Gas Consumed :	Total =	899.31	MMCFD.	Oil Consumed (PDB) :		HSD :
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk366,799.812		Coal :	Tk642,420.091	FO :
				Oil :	Tk668,764.535	Total :
						Tk1,677,984.438

Load Shedding & Other Information							
Area	Yesterday	Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)	
		MW	MW	MW	MW		
Dhaka	10	0.00	4567	100	2%		
Chittagong Area	0	0.00	1255	50	4%		
Khulna Area	0	0.00	1758	50	3%		
Rajshahi Area	0	0.00	1528	40	3%		
Cumilla Area	0	0.00	1257	45	4%		
Mymensingh Area	40	0.00	935	60	9%		
Sylhet Area	0	0.00	524	30	6%		
Barisal Area	0	0.00	437	0	0%		
Rangpur Area	0	0.00	854	40	5%		
Total	50		13114		458		

Information of the Generating Units under shut down.	
Planned Shut-Down	Forced Shut-Down
	1) Barapukura ST: Unit- 1,2 2) Ghorasaal-3 3) Shahbazar 330 MW 4) Baghabari-100 MW 5) Raazan unit-2 6) Siddhirganj 210 MW . 7) Akhujay North

Outage Time	Restore Time	Additional information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:05	08:02	Agargaon-Bhasantek 132kV Ckt-1 is restored. Extreme Bad weather has been started at 05:45 in Dhaka and its adjoining Area and again at cumilla ,Chottogram , several lines and Transformer tripped because of this Bad situation . Several Machine were id to control system frequency	
08:08	08:05	Agargaon-Sarmajidj 132kV Ckt-2 is restored.	
08:08	08:57	Sylhet (South) S/S Sylhet (S)-Fenchuganj 132kV Ckt-1 Tripped showing 86-1 trip 86-2 trip relays.	
08:08	08:57	Sylhet (South) S/S Sylhet (S)-Fenchuganj 132kV Ckt-2 Tripped showing 86-1 trip 86-2 trip Zone-1 relays Due to none.	
08:08	08:57	Fenchuganj-Sylhet (T at Bianibazar) 132kV Ckt-2 Tripped from Fenchuganj 230/132/33kV end showing REL-670, REC-650 relays Due to Thunder & bad weather	
	08:09	Mirzapur 132/33kV S/S Mirzapur-Kalakaik-ckt-2B(E-09) is restored.	
	08:09	Mirzapur 132/33kV S/S Mirzapur-Kalakaik-ckt-2A(E08) is restored.	
	08:10	Atabnagar-Rampura 132kV Ckt-1 is restored.	
	08:10	Agargaon 230/132kV S/S 230kV Transformer-2 (715T2) HT is restored.	
	08:12	Mirzapur 132/33kV S/S Mirzapur-Tangail-ckt-2A(E04) is restored.	
	08:12	Mirzapur 132/33kV S/S Mirzapur-Tangail-ckt-2B(E03) is restored.	
08:12	09:24	Shanapur 132/33kV S/S T2-416T HT Scheduled S/D Due to PBS Maintenance.	10.0MW load interruption.
08:12	09:25	Shanapur 132/33kV S/S T2-416T LT Scheduled S/D Due to PBS Maintenance.	
	08:16	Hatpur-Narandij 132kV Ckt-1 is restored.	
	08:30	Savar 132/33kV S/S T-3 LT Forced S/D Due to aspar direction of NLDC	
	08:30	Savar 132/33kV S/S T-3 HT Forced S/D Due to aspar direction of NLDC	
	08:30	Savar 132/33kV S/S Bus Reactor Forced S/D Due to aspar direction of NLDC	
	08:29	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 Forced S/D Due to aspar direction of NLDC	
	08:29	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-1 Forced S/D Due to aspar direction of NLDC	
	08:21	Bhulta-Haripur 132 kV Ckt-1 is restored.	
	08:21	Sonarganj 132/33kV S/S Tr-1 LT is restored.	
	08:21	Sonarganj 132/33kV S/S Tr-2 LT is restored.	
	08:30	Savar 132/33kV S/S T-1 LT is restored.	
	08:30	Savar 132/33kV S/S T-1 HT is restored.	
	08:30	Savar 132/33kV S/S T-2 HT is restored.	
	08:30	Savar 132/33kV S/S T-2 LT is restored.	
	08:38	Agargaon 230/132kV S/S 230kV Transformer-2 (715T2) LT is restored.	
08:47	10:59	Saikhia 132/33kV S/S Transformer-1 (T-1) HT Forced S/D	30.0MW load interruption.
08:47	10:59	Saikhia 132/33kV S/S Transformer-1 (T-1) LT Forced S/D	
	08:48	Sonarganj 132/33kV S/S Bashundhara Line is restored.	
	09:01	Kabirpur -Tongi 132kV Ckt-1 is restored.	
	09:01	Sonarganj 132/33kV S/S O/S(LIEL-2) is restored.	
	09:21	Bhulta-Rampura 230 kV Ckt-4 is restored.	
	09:21	Kabirpur 132/33kV S/S XFR. T4 HT is restored.	
09:25	15:45	Kalakaik 400/230/132kV S/S Bibyanai Forced S/D Due to Due to Line DS Problem	
09:28	14:49	Bibyanai-Kalakaik 400 kV Ckt-1 Forced S/D from Bibiana 400/230kV end.	
	09:49	Ghorasaal-Ishwardi 230 kV Ckt-2 is restored.	
	10:30	Madanaghat 132/33kV S/S TR-2(517T) LT is restored.	
	10:31	Fenchuganj CAPP Phase-2 Synchronized with remarks:- Gt-3	
	10:49	Gollamari 132/33kV S/S 132kV Bus-1 Project Work S/D Due to Project Work	
	10:49	Kalakaik 400/230/132kV S/S 400kV Bus 1 Forced S/D Due to due to bibyanai ckt-01 ds works	
	11:19	Rampal 400/230kV S/S Bus Reactor Forced S/D Due to Due to low Voltage.	
	11:19	Rampal 400/230kV S/S Bus Reactor Forced S/D Due to Due to low Voltage.	
	11:25	Chandraghona 132/33kV S/S TR-02(416T) HT Scheduled S/D Due to None	
	11:25	Chandraghona 132/33kV S/S TR-02(416T) LT Scheduled S/D	
	11:55	Hiamand 132/33kV S/S 33kV Main Bus Tripped showing Over current relays Due to Nobobaganj-2 fault	40.0MW load interruption.
	11:59	Kalyanpur-Lalbag 132kV Ckt-2 Forced S/D from Kalyanpur 132/33kV end Due to Nobobaganj-2 fault	
	12:00	Day Peak Gen.=10854 MW.	
	12:01	Barisal 307 MW Synchronized	
	12:08	Kalyanpur-Lalbag 132kV Ckt-1 Forced S/D from Kalyanpur 132/33kV end Due to DPDC has taken shutdown.	
	12:15	Manikganj 132/33kV S/S Kazla Ckt -2 is restored.	
	12:32	Rampal 400/230kV S/S Gopalganj Line-1 Reactor Forced S/D Due to Low Voltage.	
	12:33	Rampal 400/230kV S/S Gopalganj Line-2 Reactor Forced S/D Due to Low Voltage.	
	12:55	Fardpur-Gopalgang 230kV Ckt-1 is charged from fardpur s/s.	
	12:56	Manikganj 132/33kV S/S Kazla Ckt -1 Scheduled S/D Due to Relay testing work by DPDC.	
	12:58	Fardpur-Gopalgang 230kV Ckt-2 is charged from fardpur s/s.	
	14:00	Ghorasaal Repowered CAPP Unit-4 Synchronized	
	14:37	Sirajganj Unit-1 GT was sync.	
	15:22	Bhola 225 MW CAPP Synchronized with remarks:- GT2	
	15:22	Bhola 225 MW CAPP GT-2 was sync.	
	15:47	400kV Bus coupler an in Rohonpur 400/132 kV S/S.	
	16:32	Bhulta-Ghorasaal 230 kV Ckt-1 is restored.	
	16:37	Kalakaik-Tangail 132kV Ckt-1 is restored.	
	16:37	Tangail 132/33kV S/S Kalakaik-1 is restored.	
	16:44	Gollamari 132/33kV S/S Tr-1 HT is restored.	
	16:58	Payra 400/132/33kV S/S 400/132/33 kV Auto Transformer-01 LT is restored.	
	17:00	Payra 400/132/33kV S/S 400/132/33 kV Auto Transformer-01 HT is restored.	
17:10	17:10	Sirajganj Unit-1 GT was sync.	
	17:41	Payra 400/132/33kV S/S FROM AUXILIARY TRANSFORMER is restored.	
	19:40	Rangpur 132/33kV S/S Rangpur-Teesta Solar-2 Scheduled S/D	
	21:00	Evening Peak Gen. 13858 MW	
	21:20	Rangpur 132/33kV S/S Transformer-01 LT Forced S/D Due to 33kV CT Point Redhot Maintenance	15.0MW load interruption.
	22:24	Sylhet 132/33kV S/S T2 LT Tripped showing E/F and O/C relays Due to Thundering, Lighting & Heavy Rain	36.0MW load interruption.
	22:24	Sylhet 132/33kV S/S T4 LT Tripped showing Gen T, 50/51 relays Due to Thundering, Lighting & Heavy Rain	
	22:24	Sylhet 132/33kV S/S T2 HT Tripped showing 87 relays Due to Thundering, Lighting & Heavy Rain	
	22:48	Sylhet 132/33kV S/S T4 LT is restored.	
	23:11	Shahbazar-Sreemangal 132kV Ckt-2 Scheduled S/D from Shahbazar 132/33kV end Due to Sree ckt-02, BUS to DIS riser point, R phase, C-B= 352 Red hot maintenance	
23:48	01:26	Sylhet 132/33kV S/S T1 LT Scheduled S/D Due to work of PDB	
	03:06	Sylhet 132/33kV S/S T2 HT Scheduled S/D Due to work of PDB	
00:41	03:06	Bibiana-341 MW CAPP (Summit) Tripped with remarks:- GT	
00:52		Bibyanai South 400 MW Synchronized with remarks:- gt	
02:04		Sehi Peak Generation =11,568MW	
03:00		Panchaghar-Thakurgaon 132kV Ckt-1 Project Work S/D from Thakurgaon 132/33kV end Due to For Project Work	28.0MW load interruption.
06:20		and from Panchaghar 132/33kV end Due to Due to Thakurgaon-Panchaghar circuit-02 upgration work under PGNS project.	
06:22		Panchaghar 132/33kV S/S 132kV Main Bus Scheduled S/D Due to Thakurgaon-Panchaghar circuit-02 upgration work under PGNS project.	
07:00		Minimum Generation = 10,844MW	
07:22		Bibyanai-Kalakaik 400 kV Ckt-1 Scheduled S/D from Bibiana 400/230kV end.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle