

**POWER GRID COMPANY OF BANGLADESH LTD.**

**NATIONAL LOAD DESPATCH CENTER**

**DAILY REPORT**

Reporting Date : 18-Jan-23

<b>Till now the maximum generation is :-</b>		<b>14782.0</b>	<b>21:00</b> Hrs on <b>16-Apr-22</b>
<b>The Summary of Yesterday's</b>		<b>17-Jan-23</b>	<b>Generation &amp; Demand</b>
Day Peak Generation :	7983.0 MW	Hour :	11:00
Evening Peak Generation :	9472.0 MW	Hour :	20:00
E.P. Demand (at gen end) :	10094.0 MW	Hour :	20:00
Maximum Generation :	9472.0 MW	Hour :	20:00
Total Gen. (MKWH) :	194.7	System Load Factor :	85.67%
		Today's Actual Min Gen. & Probable Gen. & Demand	4:00
		Available Max Generation :	6590
		Max Demand (Evening) :	9629
		Reserve(Generation end) :	10300
		Load Shed :	-
			580

<b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b>			
Export from East grid to West grid :- Maximum		350 MW	at 9:00
Import from West grid to East grid :- Maximum			
Water Level of Kaptai Lake at 6:00 A M on	18-Jan-23		
Actual :	84.96 Ft.(MSL)	Rule curve :	99.77 Ft.(MSL)

Gas Consumed :	Total = 838.87 MMCFD.	Oil Consumed (PDB) :	
		HSD :	
		FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas : Tk119,216,676	Oil : Tk462,508,200	Total : Tk765,991,874
	Coal : Tk184,266,998		

**Load Shedding & Other Information**

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	
Dhaka	102	0.00	3234	120	4%
Chittagong Area	0	0.00	916	65	7%
Khulna Area	171	0.00	1209	100	8%
Rajshahi Area	78	0.00	1073	90	8%
Cumilla Area	0	0.00	913	55	6%
Mymensingh Area	107	0.00	755	70	9%
Sylhet Area	0	0.00	337	25	7%
Barisal Area	0	0.00	275	0	0%
Rangpur Area	115	0.00	596	55	9%
<b>Total</b>	<b>573</b>		<b>9308</b>	<b>580</b>	

Information of the Generating Units under shut down.

**Planned Shut-Down**

**Forced Shut-Down**

- 1) Barapukuria ST: Unit- 2
- 2) Ghorasal-3
- 3) Ashuganj-5
- 4) Baghabari-70,100 MW
- 5) Razzan unit-2
- 6) Siddhirganj 210 MW
- 7) Shahjibazar 330 MW
- 8) Sirajganj-1.3

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:16	15:21	Chandraghona 132/33kV S/S TR-01(406T) HT Scheduled S/D Due to Annual maintenance.	
08:17	15:21	Chandraghona 132/33kV S/S TR-01(406T) LT Scheduled S/D Due to Annual maintenance.	
	08:21	Patuakhali 132/33kV S/S 425T (T-3) HT is restored.	
	08:21	Patuakhali 132/33kV S/S 425T (T-3) LT is restored.	
08:25	08:51	Patuakhali 132/33kV S/S 405T (T-1) HT Project Work S/D Due to 33kv capacitor bank isolator DS loop removal by PGCB G2G project official.	8 MW load interrup.
08:25	08:51	Patuakhali 132/33kV S/S 405T (T-1) LT Project Work S/D Due to 33kv capacitor bank isolator DS loop removal by PGCB G2G project official.	
08:27	16:10	Dhamrai-Kaliakoir 132 kV Ckt-2 Scheduled S/D from Dhamrai 132/33kV end Due to Annual Maintenance and from Kaliakoir 400/230/132kV end Due to Annual Maintenance.	
08:32	15:46	Rajbari 132/33kV S/S Bheramara-2 Scheduled S/D Due to Annual maintenance.	
08:33	15:46	Bheramara PS-Fariapur 132 kV Ckt-2 Scheduled S/D from Bheramara 230/132kV end Due to Annual Maintenance Work.	
08:39		Satmasjid 132/33kV S/S 132 kV Agargaon-Satmasjid Line-1 Scheduled S/D Due to Annual Maintenance (CB Relay Function Test).	
08:40	15:40	Chowmuhani-Feni 132 kV Ckt-2 Scheduled S/D from Chowmuhani 132/33kV end Due to Yearly deadline checking. and from Feni 132/33kV end Due to Annual Maintenance.	
08:40	14:14	Agargaon-Satmasjid 132kV Ckt-1 Scheduled S/D from Agargaon 230/132kV end Due to Relay Test Satmasjid end.	
08:43	16:20	Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Annual Maintenance.	
08:43	16:21	Dhamrai 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Annual Maintenance.	
08:44	16:44	Chandraghona-Rangamati 132 kV Ckt-2 Scheduled S/D from Chandraghona 132/33kV end Due to Annual maintenance	
08:45	08:45	Ashuganj South 360MW ST was sync.	
08:55	16:46	Chandraghona-Rangamati 132 kV Ckt-2 Scheduled S/D from Rangamati 132/33kV end Due to Rangamati - Chandraghona Ckt-02 taken shuted down due to annual deadline checking.	
09:00		Unit Transformer (400kv/20kv) Shout-down at Barisal Electric 307 MW P/S.	
09:02	13:48	Bogura-Sirajganj 230 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to (D1+Q2), DS Replacement.	
09:06	15:04	Kodda 132/33kV S/S Tr-2 (416T) HT Scheduled S/D Due to Annual Maintenance.	
09:06	15:06	Kodda 132/33kV S/S Tr-2 (416T) LT Scheduled S/D Due to Annual Maintenance.	
09:14	18:23	Bogura-Mahashtangar (New) 132 kV Ckt-2 Scheduled S/D from Mahasthangarh 132/33kV end Due to Shutdown taken by Bogura SS and from Bogura 132/33kV end Due to Relay(SIEMENS-SIPROTEC-7SA87) change work of SPMD, Ishurdi.	
09:17	17:04	AKSML-Khulshi 132kV Ckt-1 Scheduled S/D from Khulshi 132/33kV end Due to Annual maintenance.	
09:17	13:27	Jhenaidah 230/132kV S/S 132 kV Bus Scheduled S/D Due to Annual Maintenance 132 kV Busbar-01.	
09:24	17:07	AKSML-Baroaulia 132kV Ckt-1 Scheduled S/D from Baroaulia 132/33kV end Due to Akspl side annual maintenance.	
09:25	16:19	Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end.	
09:26	17:43	Ghorasal- Ishwardi 230 kV Ckt-2 Scheduled S/D from Ishurdi 230/132kV end Due to PT Maintenance work.	
09:27	20:11	Mirpur-Uttara 3PH 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Dead line checking work.	
09:30	16:43	Bhulta-Rampura 230 kV Ckt-3 Scheduled S/D from Rampura 230/132kV end Due to Annual maintenance and from Bhulta 400/230kV end.	
09:31	11:49	Sonargaon 132/33kV S/S Tr-2 LT Tripped showing relay relays Due to 33 kv langobond feeder LA burst.	
09:31	11:30	Sonargaon 132/33kV S/S Tr-2 HT Tripped showing relay relays Due to 33 kv langobond feeder LA burst.	
09:35	16:42	Mymensingh 132/33kV S/S Transformer-1 (404T) HT Scheduled S/D Due to Annual Maintenance.	
09:35	16:43	Mymensingh 132/33kV S/S Transformer-1 (404T) LT Scheduled S/D Due to Annual Maintenance.	
09:36	09:48	Savar 132/33kV S/S T-3 LT Tripped showing relay relays Due to 33kV L-31(a) and L-1(b) fault.	
09:38	14:17	Bashundhara 132/33kV GT-02 was shutdown.	
09:38	15:52	Fenchuganj 230/132/33kV S/S TR-02 HT Scheduled S/D Due to Annual maintenance.	
09:42	15:46	Fenchuganj 230/132/33kV S/S 132 kV Bus-2 Scheduled S/D Due to Annual maintenance.	
09:44		Satmasjid 132/33kV S/S Auxiliary Tr-1 LT Scheduled S/D Due to Annual Matenance.	
09:47	15:46	Satmasjid 132/33kV S/S 132/33 kV Transformer-1 HT Scheduled S/D Due to Annual Maintenance.	
09:58	11:08	Fenchuganj-Kulaura 132 kV Ckt-2 Scheduled S/D from Kulaura 132/33kV end. and from Fenchuganj 230/132/33kV end Due to Annual maintenance.	
10:02	16:30	Mymensingh-Netrokona 132kV Ckt-1 Scheduled S/D from Netrokona 132/33kV end Due to Annual Maintenance at Mymensingh End and from Mymensingh 132/33kV end Due to Annual maintenance.	
10:12	17:11	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 Scheduled S/D Due to annual maintenance.	
10:31		Khulna (C) S/S TR-1 425T LT Scheduled S/D Due to Oil centrifuging.	
10:32		Khulna (C) S/S TR-1 425T HT Scheduled S/D Due to Oil centrifuging.	
10:45	10:42	Moghbarar-Rampura 132kV Ckt-2 is restored.	
	16:06	Mymensingh 132/33kV S/S Bus B Scheduled S/D Due to Annual Maintenance.	
	11:00	Bhulta-Rampura 230 kV Ckt-2 is restored.	
11:03	12:00	Shahjibazar 132/33kV S/S TR-02 HT Scheduled S/D Due to New multifunction meter Installation.	
11:03	12:19	Shahjibazar 132/33kV S/S TR-02 LT Scheduled S/D Due to New multifunction meter Installation.	
11:10	12:34	Fenchuganj-Sreemangal 132kV Ckt-2 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Annual maintenance.	
11:11	12:19	BIPTC S/S 20DF11 Forced S/D Due to CB Maintenance.	
11:34	11:51	Kabirpur - Manikganj 132kV Ckt-1 Tripped from Kabirpur 132/33kV end showing Distance relay relays Due to Ground Fault.	
12:03	14:15	Jamalpur 132/33kV S/S T-3 LT Scheduled S/D Due to Maintenance work due to 33kv sherpur pbs feeder Y-phase (DS) red hot .	10 MW load interrup.
12:03	14:15	Jamalpur 132/33kV S/S T-3 HT Scheduled S/D Due to Maintenance work due to 33kv sherpur pbs feeder Y-phase (DS) red hot .	
12:23	13:27	Shahjibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to New multifunction meter Installation.	
12:23		Ashuganj 420 MW CCRP(East) was shutdown due to Gas Shortage.	
12:24	13:15	Shahjibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to New multifunction meter Installation.	
13:00	14:19	Fenchuganj-Sylhet (T at Bianibazar) 132kV Ckt-2 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Annual maintenance.	
13:28	16:06	Aminbazar-Meghnaghat 230kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end.	
13:29	15:58	Meghnaghat 230/132kV S/S Meghnaghat-Aminbazar-02 Scheduled S/D Due to test for meghnaghat CR.	
13:34	07:39	Shahjibazar 132/33kV S/S TR-06 LT Scheduled S/D Due to New multifunction meter Installation.	
13:35	14:46	Shahjibazar 132/33kV S/S TR-06 HT Scheduled S/D Due to New Multifunction meter Installation.	
13:58		Ashuganj South 360MW tripped.	
14:22	15:31	Fenchuganj-Fenchuganj 132 kV Ckt-2 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Annual maintenance.	
	14:56	Ashuganj(north) 400/230 kV transformer-2 switched on.	
	15:09	Ashuganj(north) 400/230 kV transformer-1 switched on.	
	15:38	Brahmanbaria-Narsinghdi 132 kV Ckt-1 is restored.	
	16:08	Dohazari 132/33kV S/S Power Transformer -T-2 HT is restored.	
	16:09	Dohazari 132/33kV S/S Power Transformer -T-2 LT is restored.	
16:12	16:33	Meghnaghat 230/132kV S/S Meghnaghat-Aminbazar-01 Scheduled S/D Due to Breaker test by SPMD.	
16:16	16:34	Aminbazar-Meghnaghat 230kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end.	
	17:10	Khulna (S)-Rampal Ckt-1 is restored.	
	17:17	Gopalganj 132/33kV S/S T2 HT is restored.	
	17:18	Gopalganj 132/33kV S/S T2 LT is restored.	
	17:40	Meghnaghat-Shyampur 230kV Ckt-2 is restored.	
	18:23	Ghorasal-4 GT was sync.	
	18:26	Patuakhali-Payra 132kV Ckt-1 is restored.	
	18:26	Patuakhali-Payra 132kV Ckt-1 is restored.	
	19:25	Cumilla(N) 230/132/33kV S/S 132kV T-05 HT is restored.	
	19:25	Cumilla(N) 230/132/33kV S/S 132kV T-05 LT is restored.	
22:42		Sikalbaha 132kV S/S T4 S/D for red hot maint. at 33kV R-phase DS by PDB and switched on at 23:26hrs.	18 MW load interrup.
06:11		Dohazari 132/33kV S/S Power Transformer -T-2 LT Project Work S/D Due to G2G Piling work for transformer upgradation.	
06:12		Dohazari 132/33kV S/S Power Transformer -T-2 HT Project Work S/D Due to G2G Piling work for transformer upgradation.	
06:17	06:39	Jaldhaka-Saidpur 132kV Ckt-1 Tripped from Jaldhaka 132/33kV end showing P443 Device Trip DTEF> over Current protection relays.	15 MW load interrup. Jaldhaka 132/33 kV end.
06:17	06:50	Jaldhaka-Saidpur 132kV Ckt-2 Tripped from Jaldhaka 132/33kV end showing P443 Device Trip DTEF> over Current protection relays and and from Saidpur 132/33kV end showing Distance Relay, R phase, Zone 2 relays.	
06:51		Ghorasal#7 GT tripped due to generation vibration high	
07:06		Summit Bibiyana - 2 tripped due to gas pressure low.	
07:36		Aminbazar-Kallyanpur 132kV Ckt-1 Scheduled S/D from Kallyanpur 132/33kV end.	
07:43		Kaliakoir 400/230/132kV S/S 230kV Bus 1 Scheduled S/D Due to Annual Maintenance.	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle