

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

Reporting Date : 1-Jan-23

Till now the maximum generation is :-		14782.0		21:00 Hrs on 16-Apr-22	
The Summary of Yesterday's		31-Dec-22		Generation & Demand	
Day Peak Generation :	7763.0 MW	Hour :	12:00	Min. Gen. at :	5:00
Evening Peak Generation :	9581.0 MW	Hour :	19:00	Available Max Generation :	5988
E.P. Demand (at gen end) :	9581.0 MW	Hour :	19:00	Max Demand (Evening) :	10512
Maximum Generation :	9581.0 MW	Hour :	19:00	Reserve(Generation end) :	9900
Total Gen. (MKWH) :	184.9	System Load Factor :	80.42%	Load Shed :	612
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :- Maximum		336 MW	at	18:00	Energy
Import from West grid to East grid :- Maximum		MW	at	-	Energy

Water Level of Kaptai Lake at 6:00 A.M on 1-Jan-23		Rule curve :		103.00 Ft(MSL)	
Actual :	86.47 Ft(MSL)				

Gas Consumed :	Total =	853.38 MMCFD.	Oil Consumed (PDB) :		HSD :		FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk119,072,490	Coal :	Tk122,939,097	Oil :	Tk396,475,671	Total :	Tk638,487,258

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		Estimated Shedding (S/S end)	MW	
Dhaka	0	0.00	3138		0	0	0%
Chittagong Area	0	0.00	889		0	0	0%
Khulna Area	0	0.00	1173		0	0	0%
Rajshahi Area	0	0.00	1041		0	0	0%
Cumilla Area	0	0.00	886		0	0	0%
Mymensingh Area	0	0.00	732		0	0	0%
Sylhet Area	0	0.00	327		0	0	0%
Barisal Area	0	0.00	267		0	0	0%
Rangpur Area	0	0.00	578		0	0	0%
Total	0	0.00	9031		0	0	

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit-1, 2
	2) Ghorasal-3, 7
	3) Ashuganj-5
	4) Baghabari-70, 100 MW
	5) Raosan unit-2
	6) Siddhirganj 210 MW
	7) Shahjibazar 330 MW
	8) Sirajganj-1
	9) Bibiana-II 341 MW CCGP (Summit)

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:16	15:24	Cantonment 132/33kV S/S Transformer-2 (T-2) HT Scheduled S/D Due to Annual Maintenance.	20 MW load interrupt.
08:19	11:51	Bogura 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Annual Maintenance.	
		Annual maintenance.	
08:19	11:51	Bogura 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual maintenance	
08:21	15:20	Cantonment 132/33kV S/S Auxiliary Transformer, AT-2 HT Scheduled S/D Due to Annual Maintenance.	
08:26		Khulna (C) S/S North- West Ckt-2 Scheduled S/D Due to For annual maintenance	
08:27		Ashuganj south-Ghorashal 230kV ckt-2 SD for A/M	
08:31	17:51	Cumilla(N) 230/132/33kV S/S 230kV T-01 LT Scheduled S/D Due to Oil Centrifuging.	
08:31	17:40	Chandpur- Kachua 132kV Ckt-2 Scheduled S/D from Kachua 132/33kV end Due to Annual maintenance and from Chandpur 132/33kV end Due to Annual maintenance work.	
08:32	17:48	Cumilla(N) 230/132/33kV S/S 230kV T-01 HT Scheduled S/D Due to Oil Centrifuging.	
08:34	14:09	Khulshi 132/33kV S/S Khulshi-Baraulla Circuit-2 Scheduled S/D Due to A/M., deadline checking work.	0.4 MW load interrupt. 0.5 MW load interrupt.
08:46	15:50	Brahmanbaria-Shahjibazar 132 kV Ckt-1 Scheduled S/D from Brahmanbaria 132/33kV end Due to Annual maintenance and from Shahjibazar 132/33kV end Due to Annual Maintenance(Bay Maintenance)	
09:04	13:54	Kaliakoir 400/230/132kV S/S 400/132kV TR1 HT Scheduled S/D Due to Annual Maintenance	
09:05	13:54	Kaliakoir 400/230/132kV S/S 400/132kV TR1 LT Scheduled S/D Due to Annual Maintenance	
09:25	17:04	Bhaluka 132/33kV S/S Transformer- 02 LT Scheduled S/D Due to A/M., 33kv capacitor bank 2 DS change	
09:30	17:03	Bhaluka 132/33kV S/S Transformer- 02 HT Scheduled S/D Due to A/M., 33kv capacitor bank2 DS change	
09:30	15:45	Purbasadirpur-Thakurgaon-EPV 132kV Ckt-2 Scheduled S/D Due to Annual Maintenance	
09:40	17:14	Chauddagram 132/33kV S/S 132 kv T-1 HT Scheduled S/D Due to Shut down 132/33 KV T1 X-former for A/M.	
09:40	17:14	Chauddagram 132/33kV S/S 132 kv T-1 LT Scheduled S/D Due to Shut down 132/33 KV T1 X-former for A/M.	
09:42	12:40	Satkhira 132/33kV S/S Transformer-2 (T-2) HT Scheduled S/D Due to Annual maintenance work	
09:42	16:48	Fenchuganj-Sylhet (T at Bianbazar) 132kV Ckt-2 Scheduled S/D from Fenchuganj 230/132/33kV end Due to A/M.	200 MW Generation interrupt.
09:44	16:53	Satkhira 132/33kV S/S Transformer-2 (T-2) LT Scheduled S/D Due to Annual maintenance work	
		Fenchuganj-Sylhet 132kV Ckt-1 Scheduled S/D from Sylhet 132/33kV end Due to Yearly Maintenance of Beambazar and Fenchuganj S/S end purpose, and from Beambazar 132/33kV end Due to Annual maintenance.	
10:01	20:51	Meghnaghat 230/132kV S/S Meghnaghat-Aminbazar-02 Scheduled S/D Due to As per request of NLDC to Dust cleaning.	
10:04	13:17	Satmosjid 132/33kV S/S Auxiliary Tr-2 HT Scheduled S/D Due maintenance work.	
10:04	22:34	Aminbazar-Meghnaghat 230kV Ckt-2 Project Work S/D from Aminbazar 400/230/132kV end Due to Project work	
10:07	13:11	Satmosjid 132/33kV S/S 132/33 KV Transformer-2 LT Scheduled S/D Due to Dust cleaning.	
10:07	13:13	Satmosjid 132/33kV S/S 132/33 KV Transformer-2 HT Scheduled S/D Due to Dust cleaning.	
10:38	12:51	Sherpur 132/33kV S/S Transformer- 03 HT Scheduled S/D Due to Annual Maintenance	
10:38	12:52	Sherpur 132/33kV S/S Transformer- 03 LT Scheduled S/D	
10:43	18:11	BIPTC S/S Baharampur-3 Scheduled S/D Due to Annual maintenance	5 MW load interrupt.
10:47	15:01	Madaripur 132/33kV S/S T2-415T LT Scheduled S/D Due to Bus Shutdown	
10:48	15:00	Madaripur 132/33kV S/S T2-415T HT Scheduled S/D Due to Bus shutdown	
11:08	16:21	Jamalpur 132/33kV S/S T-4 HT Scheduled S/D Due to Annual maintenance work	
11:08	16:21	Jamalpur 132/33kV S/S T-4 LT Scheduled S/D Due to Annual maintenance work	
11:28	16:31	Moghbarar-Rampura 132kV Ckt-1 Scheduled S/D from Rampura 230/132kV end Due to Dead line Check	
12:00		Day Peak Gen. 7764 MW	
12:43	13:40	Satkhira 132/33kV S/S Transformer-1 (T-1) HT Forced S/D	
12:43	13:40	Satkhira 132/33kV S/S Transformer-1 (T-1) LT Forced S/D	
13:42		Satkhira 132/33kV S/S Transformer-2 (T-2) LT Scheduled S/D	
13:42		Satkhira 132/33kV S/S Transformer-2 (T-2) HT Scheduled S/D	
	14:31	Bakulia 132/33kV S/S T-3 (422T) HT is restored.	15 MW load interrupt.
	14:34	Bakulia 132/33kV S/S T-3 (422T) LT is restored.	
	15:25	Cantonment 132/33kV S/S Auxiliary Transformer, AT-2 LT is restored.	
	15:26	Cantonment 132/33kV S/S Transformer-2 (T-2) LT is restored.	
	16:54	Bogura(New)-Naogaon 132 kV Ckt-1 is restored.	
	17:10	Baraoulia 132/33kV S/S T2(415T) HT is restored.	
	17:14	Baraoulia 132/33kV S/S T2(415T) LT is restored.	
		Ashuganj South-Ghorashal 230kV ckt-2 was restored.	
17:16		Sikalbaha Gas 225MW GT was sync.	
18:01	18:01	GT-3 sync	
19:18		Raosan unit-1 was shutdown.	10 MW load interrupt.
19:25	20:15	Lalmoharhat 132/33kV S/S Transformer T-1 425T LT Project Work S/D Due to Red Hot on T-1 33kV Busbar.	
19:25	20:15	Lalmoharhat 132/33kV S/S Transformer T-1 425T HT Project Work S/D Due to Red Hot on T-1 33kV Busbar.	
22:03	22:50	Khulshi 132/33kV S/S 415T (T2) LT Tripped showing relay relays Due to 33kV Feeder Breaker-1's outgoing y-phase cable Blast.	
22:03	01:14	Khulshi 132/33kV S/S 405T (T1) LT Tripped showing relay relays Due to 33kV Feeder Breaker's outgoing side y-phase cable fault.	
22:03		Khulshi 132/33 SS T1 & T2 transformer tripped due to 33kV cable blast at BPDB compound. About 64MW power interruption is being occurred.	
22:49	01:14	Khulshi 132/33kV S/S 405T (T1) HT Forced S/D Due to 33kV outgoing cable (feeder breaker-1 side) blast at Y phase (1- phase within 7 piece)	
22:50		Khulshi 132/33kV SS T2 transformer was restored. No power interruption is being occurred now.	
06:43		Bogura(New)-Naogaon 132 kV Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to S/D for Bogura Side (Tower relocation) and from Bogura 230/132kV end.	
07:46		Minimum Generation : 5988 MW	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle