

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

Reporting Date : 21-Dec-22

<b>Till now the maximum generation is :-</b>	<b>14782.0</b>	<b>21:00 Hrs on 16-Apr-22</b>
<b>The Summary of Yesterday's</b>	20-Dec-22	<b>Generation &amp; Demand</b>
Day Peak Generation :	8366.0 MW	Hour : 12:00
Evening Peak Generation :	9633.0 MW	Hour : 19:30
E.P. Demand (at gen end) :	9633.0 MW	Hour : 19:30
Maximum Generation :	9633.0 MW	Hour : 19:30
Total Gen. (MKWH) :	192.9	System Load Factor : 83.43%
		Load Shed : 0

<b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b>	Min. Gen. at 5:00	6286
	Available Max Generation :	11313
	Max Demand (Evening) :	9900
	Reserve(Generation end)	1413
		0

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :- Maximum	168 MW	at 19:30	Energy
Import from West grid to East grid :- Maximum	-	at -	Energy

Water Level of Kaptai Lake at 6:00 A.M on	21-Dec-22	Rule curve :	104.10	FL(MSL)
Actual :	87.59	FL(MSL)		

Gas Consumed :	Total = 836.49 MMCFD.	Oil Consumed (PDB) :	
		HSD :	
		FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk115,135,627	Oil :	Tk398,176,949	Total :	Tk601,519,452
	Coal :	Tk88,206,876				

**Load Shedding & Other Information**

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	Estimated Demand (S/S end) MW	Estimated Shedding (S/S end) MW	
Dhaka	0	0.00	3362	0	0%
Chittagong Area	0	0.00	952	0	0%
Khulna Area	0	0.00	1257	0	0%
Rajshahi Area	0	0.00	1115	0	0%
Cumilla Area	0	0.00	949	0	0%
Mymensingh Area	0	0.00	784	0	0%
Sylhet Area	0	0.00	351	0	0%
Barisal Area	0	0.00	286	0	0%
Rangpur Area	0	0.00	619	0	0%
<b>Total</b>	<b>0</b>	<b>0.00</b>	<b>9677</b>	<b>0</b>	<b>0%</b>

Information of the Generating Units under shut down.

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

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:05	15:14	Jhenaidah-Magura 132 kV Ckt-2 Scheduled S/D from Magura 132/33kV end Due to Annual Maintenance.	
08:10	14:21	Kaliakoir 400/230/132kV S/S 400/230kV TR2 LT Scheduled S/D Due to Annual Maintenance .	
8:11	16:25	Barishal-Bhandaria 132 kV Ckt-1 Scheduled S/D Due to Annual maintenance .	
08:18	17:24	Cox'sbazar-Dohazari 132 kV Ckt-2 Scheduled S/D for A.M.	
08:22	16:12	Purbasadipur-Saidpur 132kV Ckt-2 Scheduled S/D for A.M.	
08:29	19:38	Natore-Rajshahi 132kV Ckt-1 Scheduled S/D Due to LZ32 Distance Relay remove & numerical relay set up. and from Rajshahi 132/33kV end	
08:29		Maniknagar 132/33kV S/S Main Bus Scheduled S/D Due to Annual Maintenance for Mainbus with Bus coupler.	
08:30	15:55	Jamalpur United (20MW)- Sherpur 132kV Ckt-2 Scheduled S/D Due to Annual maintenance.	
08:30	16:08	Bogura-Sirajganj 230 kV Ckt-1 Scheduled S/D from Sirajganj 230 end Due to Annual Maintenance and from Bogura 230/132kV end Due to yearly Maintenance .	
08:33	15:09	C.nawabganj-Rajshahi 132 kV Ckt-1 Scheduled S/D from Rajshahi 230/132/33kV end. and from Chapai 132/33kV end Due to Annual maintenance .	
08:33	15:16	Jashore-Noapara 132kV Ckt-2 Scheduled S/D Due to A.M.	
08:34	16:05	Mahasthangar-Palashbari 132kV Ckt-1 Scheduled S/D Due to Annual maintenance	
08:34	16:09	Jamalpur United (20MW)-Jamalpur 132kV Ckt-2 Scheduled S/D Due to Annual maintenance	
08:40	16:21	Shahjibazar-Sreemangal 132kV Ckt-1 Scheduled S/D from Due to Annual maintenance works	
08:54	14:54	Chattak-Sylhet 132 kV Ckt-2 Scheduled S/DDue to Annual Maintenance	
08:54	16:44	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D Due to Dead line checking	
09:01	16:21	Kodda 132/33kV S/S Tr-1 (406T) HT Scheduled S/D Due to Annual maintenances .	
09:07	13:57	Bheramara 230/132kV S/S Bus-A (132) Scheduled S/D Due to Annual maintenance	
09:08	09:19	Rajbari 132/33kV S/S Bheramara-2 Tripped showing relay relays Due to None	
09:15	16:27	Baroirhat 132/33kV S/S Bus-B Scheduled S/D Due to Annual Maintenance work	
09:24	16:45	Siddhirganj 132/33kV S/S 120MW EGCB GT2 Forced S/D Due to Painting works on Unit Transformer yard at Plant end.	
09:28	19:35	Mymensingh 132/33kV S/S Transformer-3 (424T) LT Scheduled S/D Due to annual maintenance	
09:28	15:52	Mahasthangarh 132/33kV S/S 132kV/Main bus 2 Scheduled S/D	
09:36	18:47	APR-Hasnabad 230kV Ckt-2 Scheduled S/D from Hasnabad end Due to Annual Maintenance.	
09:36	14:46	Fenchuganj-Kulaura 132 kV Ckt-1 Scheduled S/D Due to Relay testing purpose.	
	09:41	Bagerhat 132/33kV S/S Transformer-3 (423 T) HT is restored.	
09:50	16:44	BIPTC S/S Baharampur-1 Scheduled S/D	
09:51	14:05	Savar 132/33kV S/S T-3 LT Scheduled S/D Due to 132kV jack bus installation on Transformer-3 bay.	
09:55	13:25	Juldah 132/33kV S/S 132/33 KV 406T T-1 HT Scheduled S/D Due to New meter installation	
10:10	13:47	Savar 132/33kV S/S Main Bus Scheduled S/D Due to 132kV jack bus installation on Transformer-3 bay.	
10:30	16:53	khulna suoth to Jhenaidah 230kV ckt-1 has given S/D from due to reduce Amin Bazar 400kV ckt load flow.	
10:30	17:05	Aminbazar-Manikgonj PP 132kV Ckt-2 Scheduled S/D Due to Annual Maintenance	
10:54		Barapukuria S/S-P/S 230 kV Ckt-2 Forced S/D from Due to 230 KV power station line -2 PT replacement of B phase.	
11:24		Madunghat 132/33kV S/S 132kV BUS Project Work S/D for T-1 tr whole differential stability test.	
12:10	12:32	Ashuganj-Kishoreganj 132kV Ckt-1 Forced S/D from Due to Flag Remove from No-103 Tower Top	
	16:43	Ghorasal- Ishwardi 230 kV Ckt-1 is restored.	
16:46	18:41	Jashore-Noapara 132kV Ckt-2 Tripped from Jashore end showing Distance relay.	
17:06	18:31	Barapukuria S/S-P/S 230 kV Ckt-1 Tripped from Barapukuria end showing Siemens Siprotec 7SJ82 relays Due to LA Burst of PS Line -02 B Phase.	270.0MW load interrup.
17:06	18:33	Barapukuria 230/132 KV T-01, 703T HT Tripped showing relay Due to LA Burst of Power plant Ckt-02 of B Phase.	76.0MW load interrup.
17:06	18:37	Barapukuria 230/132 KV T-02, Tripped showing relay Due to LA Burst of Power plant Ckt-02	82.0MW load interrup.
17:06		Barapukuria 230/132KV T-06, Tripped showing relay Due to LA Burst of Power plant Ckt-02	106.0MW load interrup.
17:06	18:04	Barapukuria-Bogura 230 kV Ckt-2 Tripped from Barapukuria end showing Lock Out Relay relays Due to LA of Power plant Ckt-02	57.0MW load interrup.
17:06	18:32	Barapukuria-Bogura 230 kV Ckt-1 Tripped from Barapukuria end showing Lock Out Relay Due to LA	
17:07	17:38	Purbasadipur-Thakurgaon-EPV 132kV Ckt-1.2 Tripped from Thakurgaon end.	21.0MW load interrup.
17:07	17:20	Mahasthangar-Palashbari 132kV Ckt-1 Tripped from Palashbari 132/33kV end showing Backup O/C relays	63.0MW load interrup.
17:07	17:21	Mahasthangar-Palashbari 132kV Ckt-2 Tripped from Palashbari end showing Backup O/C relays	
17:08	17:30	Barapukuria S/S -Barapukuria P. Stn 230KV line -1 tripped at 17:08 due to B-phase LA burst of P/S 230KV Ckt-2. Rangpur Confidence, Thakurgaon 115MW, and Barapukuria #3 all tripped simultaneously. Bugra -Barapukuria 230KV L1 and L2 tripped by Dist B, E/F and Dist B respectively.	391 MW load interrup.
18:03	18:55	Purbasadipur 132/33kV S/S T-3 Transformer (423T) HT Tripped showing Alstom(MCGG) relays.	
07:29		Ghorasal- Ishwardi 230 kV Ckt-1 Scheduled S/D from Ishurdi 230/132kV end Due to A/M	
07:49		Bogura 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Manantance work for red hot.	12.0MW load interrup.
07:52		Hasnabad-Sitalakhya 132kV Ckt-1 Scheduled S/D from Hasnabad 132/33kV end Due to red hot	
07:55		Agargaon 230/132kV S/S Auxiliary Tr-1 LT Scheduled S/D Due to Tan delta Test.	
07:56		Agargaon 230/132kV S/S 230kV Transformer-1 ( 705T1) LT Scheduled S/D Due to SPMD RELAY TEST AND TRANSFORMER TAN DELTA TEST.	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle