

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

Reporting Date : 21-Mar-24

Till now the maximum generation is :-

The Summary of Yesterday's		20-Mar-24	15648.0	Generation & Demand	MW	21:00	Hrs on	19-Apr-23	Today's Actual Min Gen. & Probable Gen. & Demand	8058
Day Peak Generation :			9947.0	MW	Hour :	12:00	Min. Gen. at	6:00		13717
Evening Peak Generation :			10668.0	MW	Hour :	21:00	Available Max Generation :			11500
E.P. Demand (at gen end) :			10898.0	MW	Hour :	1:00	Reserve(Generation end)			2217
Maximum Generation :			242.814	MW	System Load Factor	92.84%	Load Shed			0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		1126	MW	at	1:00	Energy
Export from East grid to West grid :- Maximum						
Import from West grid to East grid :- Maximum						

Actual :	Water Level of Kaptai Lake at 6:00 A M on 81.09	Ft.(MSL)	21-Mar-24	Rule curve :	89.80	Ft.(MSL)
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Gas Consumed :	Total =	891.47	MMCFD.	Oil Consumed (PDB) :	HSD :	FO :
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Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk358,654,271	Coal :	Tk555,652,414	Oil :	Tk284,240,092	Total :	Tk1,198,546,777
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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	4567		0	0	0%
Chittagong Area	0	0.00	1255		0	0	0%
Khulna Area	0	0.00	1758		0	0	0%
Rajshahi Area	0	0.00	1528		0	0	0%
Cumilla Area	0	0.00	1257		0	0	0%
Mymensingh Area	0	0.00	935		0	0	0%
Sylhet Area	0	0.00	524		0	0	0%
Barisal Area	0	0.00	437		0	0	0%
Rangpur Area	0	0.00	854		0	0	0%
Total	0	0.00	13114		0	0	0%

Information of the Generating Units under shut down.

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

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
09:47	09:34	Dhamrai 132/33kV S/S Transformer-1 HT is restored.	
10:11	13:40	Rahangpur-Chowdala 132 KV ckt-1 (E10) [Pre-commissioning work] S/D	
10:11	13:40	Chandpur 132/33kV S/S 422T HT Scheduled S/D Due to Under ground Cable Maintenance	
10:17	10:24	Chandpur 132/33kV S/S 422T LT Scheduled S/D Due to Do	
11:02	16:20	Niamatpur 132/33kV S/S 407T LT Tripped showing earth fault. relays Due to Feeder fault	12.0MW Load interrup.
11:02	16:20	Purbassadipur 132/33kV S/S T-2 Transformer (413T) LT. Scheduled S/D Due to NESCO balubari 33kv bus ds change	10.0MW Load interrup.
11:02	12:33	Purbassadipur 132/33kV S/S T-2 Transformer (413T) HT Scheduled S/D	10.0MW Load interrup.
11:02	12:33	Brahmanbaria 132/33kV S/S 403T LT Project Work S/D Due to OLC maintenance work.	
11:02	12:33	Brahmanbaria 132/33kV S/S 403T HT Project Work S/D Due to OLC maintenance work.	
11:03		Bogura-Nahasthangar (New) 132 KV Ckt-1 Scheduled S/D from Mahasthangar 132/33kV end. and from Bogura 132/33kV end Due to red hot.	
11:45	11:59	Barapukuria 230/132/33kV S/S 132/33 KV T-5, 424T LT Forced S/D Due to Emergency maintenance.	
12:00		Day Peak Gen. 9947 MW	
12:12	16:30	Keraniganj 230/132/33kV S/S TR-2 HT Scheduled S/D Due to Maintenance work at 33kv feeder at Bus section -02 by PBS.	
12:12	16:38	Keraniganj 230/132/33kV S/S TR-2 LT Scheduled S/D Due to Maintenance work at 33kv feeder at Bus section -02 by PBS.	
	12:44	Ashuganj-Brahmanbaria 132kV Ckt-2 is restored.	
	13:01	Kalyanpur-Lalbag 132kV Ckt-1 is restored.	
13:03		Ashuganj-Ghorasal 132kV Ckt-1 Scheduled S/D from Ashuganj 230/132/33kV end.	
13:16	14:28	Kalyanpur-Lalbag 132kV Ckt-2 Scheduled S/D from Kalyanpur 132/33kV end Due to None	
13:23	14:20	Ashuganj-Kishoreganj 132kV Ckt-1 Forced S/D from Kishoreganj 132/33kV end.	
13:38		Chapai 132/33kV S/S T-1 (405T) HT Forced S/D Due to Smoke visible T1-132 KV CB control panel annunciator .	
	14:20	Ashuganj-Kishoreganj 132kV Ckt-1 is restored.	
	14:20	Ashuganj-Kishoreganj 132kV Ckt-1 is restored.	
14:47		Rahangpur-Chowdala 132 KV ckt-1 (E10) [Pre-commissioning work] Sync	
	14:52	Hasnabad 230/132kV S/S Bus-1 is restored.	
	15:58	Hasnabad-Shyampur 230kV Ckt-1 is restored.	
19:02	01:58	Saidpur 132/33kV S/S TR-4 (414T) LT Tripped showing No relay relays.	
19:02	01:57	Saidpur 132/33kV S/S TR-4 (414T) HT Tripped showing Lock. out relay only relays.	
20:46		Bibiyana South 400 MW Synchronized with remarks- at	
21:00		Evening Peak Generation = 10,669MW	
00:20		Matarbari U-1 tripped	
00:20		Kalunghat 132/33kV S/S TRFO-02(516T) LT Tripped showing REF 615 (33 KV) both incomer -1&RET 650 (132 KV) both power transformer -1&2 relays Due to 33 KV incoming feeder T-1 & T-2 trip due to PDB 33 KV outgoing feeder incoming-3, Y-phase loop out & breaker blast.	22.0MW Load interrup.
02:00	02:59	Kalunghat 132/33kV S/S TRFO-01(506T) LT Tripped showing REF 615(33 KV)RET 650, RET 670 relays Due to Due to BPDB 33 kv outgoing feeder incomer-3 Y-phase loop out & breaker blast.	11.0MW Load interrup. interrup.
05:47		Chandpur 150 MW CAPP Shutdown	
06:00		Minimum Generation: 8058 MW	
07:20		Faridpur 132/33kV S/S 33 KV Bus Project Work S/D Due to 33kv Feeder Connection of WZPDCLO	15.0MW Load interrup.
07:30		Niamatpur 132/33kV S/S Transformer-2 (417T) LT Forced S/D Due to T-2 33kv Bus S/D by PBS Niamatpur. No operation from Grid Side.	15.0MW Load interrup.
07:03		Aminbazar-Meghnaghat 230kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end.	
07:26		Rajshahi 132/33kV S/S Transformer T-1(405T) LT Scheduled S/D Due to General cleaning	
07:26		Rajshahi 132/33kV S/S Transformer T-1(405T) HT Scheduled S/D	
07:28	07:32	Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to 33 kv Bus Coupler DS open from PDB (33 kv side)	18.0MW load interrup. interrup.
06:20		Chandpur 132/33kV S/S 422T LT Scheduled S/D Due to 33 kv Bus coupler T5 maintenance. work	13.0MW load interrup.
06:22		Bogura(New)-Naogaon 132 KV Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
06:23		Bogura(New)-Naogaon 132 KV Ckt-2 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
06:25		Bhandaria 132/33kV S/S Transformer-2 LT Project Work S/D Due to 33 KV BUS DS Replacement.	12.0MW load interrup.
06:46		Sirajganj-Ullahpara 132KV Ckt-2 Project Work S/D from Sirajganj 132/33kV end Due to পাইলট তার স্থাপন কাজের কারণে AFS50 to AFS10,pilots wire & temporary cradle guard স্থাপন	
06:46		Sirajganj-Ullahpara 132KV Ckt-1 Project Work S/D from Sirajganj 132/33kV end Due to পাইলট তার স্থাপন কাজের কারণে	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle