

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

Reporting Date : 30-Apr-24

Till now the maximum generation is :-		<b>16233.0</b>		21:00	Hrs on	22-Apr-24	
<b>The Summary of Yesterday's</b>		29-Apr-24		<b>Generation &amp; Demand</b>		<b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b>	
Day Peak Generation :	13036.0 MW	Hour :	12:00	Min. Gen. at :	8:00	13148	
Evening Peak Generation :	15595.0 MW	Hour :	21:00	Available Max Generation :		16667	
E.P. Demand (at gen end) :	17200.0 MW	Hour :	21:00	Max Demand (Evening) :		17300	
Maximum Generation :	15595.0 MW	Hour :	21:00	Reserve(Generation end) :		-	
Total Gen. (MKWH) :	339.189	System Load Factor :	90.62%	Load Shed :		583	

Export from East grid to West grid :- Maximum		204 MW		at	11:00	Energy
Import from West grid to East grid :- Maximum		-		at	-	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A M on	30-Apr-24		Rule curve :	82.20	FL (MSL)
		74.11				FL (MSL)

Gas Consumed :	Total =	1293.31	MMCFD.	Oil Consumed (PDB) :		
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk493,757,002		Oil :	Tk883,703,316	Total : Tk1,976,156,892
	Coal :	Tk598,696,573				

**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	360	0.00	4567		180	4%	
Chittagong Area	165	0.00	1255		68	5%	
Kulna Area	132	0.00	1758		95	5%	
Rajshahi Area	182	0.00	1528		80	5%	
Cumilla Area	245	0.00	1257		55	4%	
Mymensingh Area	275	0.00	935		40	4%	
Sylhet Area	44	0.00	524		20	4%	
Barisal Area	0	0.00	437		0	0%	
Rangpur Area	130	0.00	854		45	5%	
<b>Total</b>	<b>1533</b>		<b>13114</b>		<b>583</b>		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit-2 2) Ghorasal-3,4,7 3) Shahbazar 330 MW 4) Baghabari-71,100 MW 5) Raocan unit-2 6) Siddhirganj 210 MW

**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
08:25	11:01	Siddhirganj 132/33kV S/S 120MW EGCB GT2 Scheduled S/D Due to Oil leakage check in unit Transformer-2	
08:31	21:13	Gopalganj 400/132kV S/S ATR-03 LT Scheduled S/D	
08:37	21:08	Gopalganj 400/132kV S/S ATR-03 HT Scheduled S/D	
08:45	18:27	Faridpur-Gopalganj(N) 132 kV Ckt-1 Scheduled S/D from Faridpur 132/33kV end. and from Gopalganj 400/132kV end.	
08:49	09:21	Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-2 Tripped showing Distance Protection relays Due to 0.3km (y Phase & B Phase)	
08:49	09:16	Sreepur 230/132/33kV S/S 132/33 kV T-2 LT Tripped showing FBCEPU relays Due to DF/DT	65.0MW load interrup.
08:49	10:31	Barapukuria-Bogura 230 kV Ckt-2 Tripped from Bogura 400/230kV end showing Distance Relay, relays Due to Distance Protection Trip.	1506 MW Generation interrup.
08:49		Adani Power Jharkhand Ltd. Unit-1 and Unit-2 tripped	
08:50		Barapukuria Unit-1 tripped.	43.0MW load interrup.
08:50	09:08	Jaldhaka 132/33kV S/S 416T-2 LT Tripped showing p142 relays.	
08:50		Barapukuria TPP Unit-1 Tripped	
08:50	09:08	Jaldhaka 132/33kV S/S 406T-1 LT Tripped showing P142 relays.	43.0MW load interrup.
08:50		Barapukuria TPP Unit-1 Shutdown	
08:51	09:42	Rangpur 132/33kV S/S Rangpur-Teeta Solar-1 Tripped showing 86 relay/SOTF relays Due to Under Voltage	
10:26	19:39	Sunamganj 132/33kV S/S Chhatak-Sunamganj Ckt-2 Project Work S/D Due to for Chhatak-Sunamganj ckt-2 SAS integration work.	
10:46	13:59	Kalurghat 132/33kV S/S 33 kV BUS-1 Scheduled S/D Due to 33 kV Bus DS maintenance.	
11:29	14:37	Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing Distance protection 21/1 : Z1-CN relays Due to Unknown	
11:33	11:37	Bashundhara-Rampura 132 kV Ckt-2 Tripped from Rampura 230/132kV end showing Distance protection 21/1 : Z1-AN relays Due to Unknown	
11:34	15:48	Mirzapur 132/33kV S/S Transformer-02(E07) HT Project Work S/D Due to 400KV GNDP Project For NLDC Intregation	
11:34	15:54	Mirzapur 132/33kV S/S Transformer-02(E07) LT Project Work S/D Due to 400 kv GNDP Project For NLDC Intregation	
12:00		Day Peak Gen. 13036 MW	
12:10	13:25	Shahjadpur 132/33kV S/S T-4(435T) HT Forced S/D Due to CT nut-bolt tight	
12:35	16:55	Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-1 Project Work S/D Due to AR Modification	
	13:12	Hathazari 230/132/33kV S/S T-01 HT is restored.	
	13:12	Hathazari 230/132/33kV S/S T-01 LT is restored.	
13:42		Adani Power Jharkhand Ltd. Unit-1 was sync.	
13:42		Adani Power Jharkhand Ltd. Unit-1 was sync.	
16:03	22:02	Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing Distance protection 21/1 : Z1-CN relays Due to Unknown	
	17:17	Gopalganj(N)-Payra 400KV Ckt-2 is restored.	
	17:19	Gopalganj 400/132kV S/S 400KV Payra Ckt-2 is restored.	
19:00		Barapukuria TPP Unit-1 Synchronized	
21:00		Evening Peak Generation = 15,596MW	
00:37	01:07	Niamatpur 132/33kV S/S Transformer-1(407T) LT Tripped showing Dir o/c relays Due to PBS Raj-1 feeder trip	23.0MW load interrup.
00:37	01:07	Niamatpur 132/33kV S/S Transformer-1(407T) LT Tripped showing Dir o/c relays Due to PBS Raj-1 feeder trip	23.0MW load interrup.
05:38	06:52	Narshingdi 132/33kV S/S T-1 LT Scheduled S/D Due to Hotspot Maintenance Work of T-3, 33kV Incoming Line DS	
06:38	06:51	Narshingdi 132/33kV S/S T-1 HT Scheduled S/D Due to Hotspot Maintenance Work of T-3, 33kV Incoming Line DS	
06:05		Gopalganj(N)-Payra 400KV Ckt-2 Scheduled S/D from Payra 400kv end Due to Cleaning work required by PGCB	
06:05		Gopalganj 400/132kV S/S 400KV Payra Ckt-2 Scheduled S/D	
06:36		Siddhirganj-Siddhirganj (Orion)132kV Ckt-1 Forced S/D from Siddhirganj 132/33kV end Due to Red hot Line DS B Ph	
06:58		Narshingdi 132/33kV S/S T-3 HT Scheduled S/D Due to Hotspot Maintenance Work of T-3, 33kV Incoming Line DS	
06:58		Narshingdi 132/33kV S/S T-3 LT Scheduled S/D Due to Hotspot Maintenance Work of T-3, 33kV Incoming Line DS	
07:00		Minimum generation 12313 MW	
21:12		Kishoreganj 132/33kV S/S Tr-2 (414T) HT Tripped showing lockout relay relays Due to CT of 33kV was damage	70.0MW load interrup.
06:02		Thakurgaon 132/33kV S/S T-3(432T) LT Scheduled S/D Due to 33 kV Bus coupler rearrange	14.0MW load interrup.
06:03		Thakurgaon 132/33kV S/S T-3(432T) HT Scheduled S/D Due to 33 kV Bus coupler rearrange	14.0MW load interrup.
07:00		Minimum generation 12387 MW	
07:02		Faridpur 132/33kV S/S Transformer-3 LT Scheduled S/D Due to 33kV Underground Cable Replace	
07:11		Faridpur 132/33kV S/S Transformer-3 HT Scheduled S/D Due to 33kV Underground Cable Replace	
07:17		Faridpur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to 33kV Busbar Maintenance	20.0MW load interrup.
07:18		Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to 33kV Busbar Maintenance	20.0MW load interrup.
07:40		Bogura 132/33kV S/S Transformer-3 LT Scheduled S/D Due to Maintenance Work	20.0MW load interrup.
07:40		Bogura 132/33kV S/S Transformer-3 HT Scheduled S/D Due to Maintenance Work	20.0MW load

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle