

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

Reporting Date : 14-Jul-23

Till now the maximum generation is :-

15648.0

21:00

Hrs on

19-Apr-23

The Summary of Yesterday's	13-Jul-23	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	19-Apr-23
Day Peak Generation :	12004.0	MW	Hour :	12:00	Min. Gen. at 8:00
Evening Peak Generation :	14709.0	MW	Hour :	21:00	Available Max Generation :
E.P. Demand (at gen end) :	14870.0	MW	Hour :	21:00	Max Demand (Evening) :
Maximum Generation :	14709.0	MW	Hour :	21:00	Reserve(Generation end)
Total Gen. (MKWH) :	299.2		System Load Factor :	84.76%	Load Shed :

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		630	MW	at	6:00	Energy
Export from East grid to West grid :- Maximum						
Import from West grid to East grid :- Maximum						

Actual :	75.28	FL(MSL) :	14-Jul-23	Rule curve :	86.08	FL (MSL) :
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Gas Consumed :	Total =	1158.30	MMCFD.	Oil Consumed (PDB) :		HSD :	FO :
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Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk163,642,363	Coal :	Tk193,235,836	Oil :	Tk901,896,356	Total :	Tk1,258,774,555
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Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		MW		
Dhaka	0	0:00	4955		0		0%
Chattogram Area	0	0:00	1364		0		0%
Khulna Area	0	0:00	1911		0		0%
Rajshahi Area	0	0:00	1662		0		0%
Cumilla Area	0	0:00	1367		0		0%
Mymensingh Area	154	0:00	1017		0		0%
Sylhet Area	0	0:00	570		0		0%
Barisal Area	0	0:00	475		0		0%
Rangpur Area	0	0:00	929		0		0%
Total	154		14249		0		0%

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit-1,2
- 2) Ghoreasa-3,7
- 3) Shahjibazar 330 MW
- 4) Baghabari-71,100 MW
- 5) Raazan unit-2
- 6) Siddhirganj 210 MW

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:15	09:19	Bakulia-Khulshi 132 KV Ckt-1 Tripped from Khulshi 132/33kV end showing Distance Relay relay.	
08:50	10:47	Shahjibazar 132/33kV S/S TR-02 LT Scheduled S/D Due to Hot spot maintenance by BPDB.	
08:51	10:48	Shahjibazar 132/33kV S/S TR-02 HT Scheduled S/D Due to Hot spot maintenance by BPDB.	
09:37	10:46	Kodda-Rajendrapur 132KV Ckt-1 Scheduled S/D from Kodda 132/33kV end Due to Energymeter change at raj ss and from Rajendrapur 132/33kV end Due to Faulty Energy meter change.	
09:40	10:41	Chowmuhani-Feni 132 KV Ckt-2 Tripped from Feni 132/33kV end showing Distance relay.	
10:57	20:04	Rampal 400/230kV S/S Start-Up Transformer (SUT) HT Project Work S/D Due to Energy meter cabling work.	
11:10	13:38	Siddhirganj 132/33kV S/S 120MW EGCB GT1 Forced S/D Due to Scheduled Checking Unit-1 Transformer for EGCB ends.	
11:23	12:57	Kodda-Rajendrapur 132KV Ckt-2 Project Work S/D from Rajendrapur 132/33kV end Due to Main Energy meter change, and from Kodda 132/33kV end Due to Energymeter change at Rajendrapur ss.	
11:43	13:37	Kabirpur 132/33kV S/S XFR, T-1 HT Forced S/D Due to Shutdown taken by DPBS-1 due to 33kV Kabirpur feeder's bus DS maintenance work.	40 MW load interrup.
13:04	14:35	Rajendrapur 132/33kV S/S MTR-2 HT Project Work S/D Due to Energy Meter Change Purpose.	
	14:04	Fairdipur 132/33kV S/S Transformer-3 HT is restored.	
	14:06	Fairdipur 132/33kV S/S Transformer-3 LT is restored.	
	15:03	Payra Unit-2 was sync.	
16:09		Ashuganj South 360MW ST was sync.	
22:26	22:31	Mankganj 132/33kV S/S 132/33 KV Transformer GT-4 (50/75 MVA) LT Tripped Due to df/dt Relay.	40 MW load interrup.
22:26	22:31	Mankganj 132/33kV S/S 132/33 KV Transformer GT-3 (50/75 MVA) LT Tripped Due to df/dt Relay	
22:27	22:35	Rajbari 132/33kV S/S Transformer-2 LT Tripped showing FBCPU relays.	36 MW load interrup.
22:28	22:36	Bhaluka 132/33kV S/S Transformer-01 LT Tripped Due to Under frequency(df/dt).	120 MW load interrup.
22:28	22:36	Bhaluka 132/33kV S/S Transformer-02 LT Tripped Due to Under frequency(df/dt).	
22:29		Rampal 1320 MW (BIFPCL) Unit-1 Tripped.	618 MW generation interrup.
05:29		Siddhirganj CAPP 335MW was shutdown due to maintenance work.	
05:52	06:52	Coxbazar 132/33kV S/S 405T-T1 HT Forced S/D Due to R-phase red hot.	50 MW load interrup.
06:30		Munsiganj 132/33kV T1, T2 and 33kV bus was shutdown due to emergency red hot(at 33kV bus coupler).	90 MW load interrup.
	07:03	Rampal 1320 MW (BIFPCL) Unit-1 was sync.	
07:10		Nadrapur 132/33kV S/S T2-415T HT Scheduled S/D Due to Red hot maintenance of 33kv khospur feeder.	
07:49		Sreepur 230/132/33kV S/S 132 KV BUS-1 Project Work S/D Due to Bus-01 is shutdown due to bus coupler works.	20 MW load interrup.
07:52		Khulna 330 MW CAPP (OIL) was shutdown.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle