

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

Reporting Date : 25-Jun-24

Till now the maximum generation is :-

16477.0

21:00

Hrs on

30-Apr-24

The Summary of Yesterday's		24-Jun-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	13225.0 MW	Hour :	12:00	Min. Gen. at	6:00	12257	
Evening Peak Generation	13771.0 MW	Hour :	21:00	Available Max Generation		14103	
E.P. Demand (at gen end)	15200.0 MW	Hour :	21:00	Max Demand (Evening)		15700	
Maximum Generation	14254.0 MW	Hour :	1:00	Reserve(Generation end)		-	
Total Gen. (MKWH)	320.908	System Load Factor :	93.81%	Load Shed		1510	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid - Maximum	58 MW	at	6:00	Energy			
Import from West grid to East grid - Maximum							
Water Level of Kaptai Lake at 6:00 A M on 25-Jun-24							
Actual :	83.21	Fl.(MSL) :		Rule curve :	83.38	Fl.(MSL) :	

Gas Consumed :	Total =	1001.52	MMCFD.	Oil Consumed (PDB) :		HSD :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk423,227,232		Coal :	Tk555,549,998	Oil :	Tk1,323,809,444
						Total :	Tk2,302,586,674

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding	
	MW	0.00	MW	MW	MW	(On Estimated Demand)		
Dhaka	180	0.00	4599	400	9%			
Chittagong Area	120	0.00	1264	140	11%			
Khulna Area	290	0.00	1770	250	14%			
Rajshahi Area	180	0.00	1539	180	12%			
Cumilla Area	180	0.00	1266	190	15%			
Mymensingh Area	160	0.00	942	140	15%			
Sylhet Area	90	0.00	528	55	10%			
Barisal Area	60	0.00	440	45	10%			
Rangpur Area	105	0.00	860	110	13%			
Total	1365		13268	1610				

Information of the Generating Units under shut down.

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

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:27	18:45	Chapai 132/33kV S/S T-4 (435T) LT Scheduled S/D Due to T-04 # shutdown is required due to 33 kv incomer D/S control cable & junction box installation in order to open close status rectification in crp panel . T-04 # load will be served by T-02 & T-03 #. there will be no load shed	
08:28	18:40	Chapai 132/33kV S/S T-4 (435T) HT Scheduled S/D Due to T-04 # shut down is required due to 33 kv incomer d/s control cable & junction box installation in order to open close status rectification in control panel . There will be no load shed.	
	09:10	BSRM-Cumilla(N) 230 kv Ckt-1 is restored.	
09:31	16:08	Sonargaon 132/33kV S/S Tr-1 LT Scheduled S/D Due to T-01 33 kv Y Phase CT oil leakage corrective maintenance work purpose.	
09:32	16:02	Sonargaon 132/33kV S/S Tr-1 HT Scheduled S/D Due to T-01 33 kv Y Phase CT oil leakage corrective maintenance work purpose.	
09:53		Madunaghat-TKCL 132kv Ckt-1 Forced S/D from Madunaghat 132/33kV end Due to The breaker operated with the instructions of the NLDC SDE.	
10:01	10:21	Barorihat-Hathazari 132 kv Ckt-1 Forced S/D from Barorihat 132/33kv end.	
12:00		Day Peak Generation: 13225 MW.	
12:58		SS Power Tripped with remarks:- Unit-1	
13:48		SS Power Synchronized with remarks:- Unit-1	
14:35	15:15	Borhanuddin 230/33kV S/S Tr-Load LT Forced S/D Due to Protection Work.	50.0MW load interruption.
14:45	15:11	Borhanuddin 230/33kV S/S Tr-Load HT Forced S/D Due to Protection Work.	
	15:51	Aminbazar 400/230/132kV S/S 132 kv Bus 01 is restored.	
16:25	17:38	Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to Conductor Change	
16:35	18:44	Barapukuria 230/132/33kV S/S 132/33 kv T-4, 444T LT Forced S/D Due to Red Hot maintenance work.	40.0MW load interruption.
16:36	17:50	Bogura 132/33kV S/S Transformer-2 LT Forced S/D Due to T-2 132kV CB Hydraulic oil leakage maintenance work.	
16:36	18:40	Barapukuria 230/132/33kV S/S 132/33 kv T-4, 444T HT Forced S/D Due to Red hot maintenance work in 33kV outgoing feeder	
16:36	17:50	Bogura 132/33kV S/S Transformer-2 HT Forced S/D Due to T-2 132kV CB Hydraulic oil leakage maintenance work.	
17:11	17:50	Hasnabad 132/33kV S/S 132/33kV 404 T-1 LT Tripped showing Over current relay & earth fault relay relays Due to 33 kv zin-2 & Bashundhara ckt's fault	22.0MW load interruption.
17:11		Hasnabad 132/33kV S/S 132/33kV 414 T-2 HT Tripped showing Over current relay & earth fault relay relays Due to 33 kv zin-2 & Bashundhara ckt's fault	
17:11		Hasnabad 132/33kV S/S 132/33kV 414 T-2 LT Tripped showing Over current relay & earth fault relay relays Due to 33 kv zin-2 & Bashundhara ckt's fault	
17:11	17:50	Hasnabad 132/33kV S/S 132/33kV 424 T-5 LT Tripped showing Over current relay & earth fault relay relays Due to 33 kv zin-2 & Bashundhara ckt's fault	
	17:30	Aminbazar 400/230/132kV S/S 230/132kv Tr-01 HT is restored.	
	17:32	Aminbazar 400/230/132kV S/S 230/132kv Tr-01 LT is restored.	
17:51		Hasnabad 132/33kV S/S 132/33kV 414 T-2 LT Forced S/D Due to 33 kv Circuit breaker damage	
17:51		Hasnabad 132/33kV S/S 132/33kV 414 T-2 HT Forced S/D Due to 33 kv Circuit breaker damage	
21:00		Evening peak generation is 13771 MW	
21:18		Bagerhat-Bhandaria 132 kv Ckt-1 Tripped from Bagerhat 132/33kV end showing Distance relay(D RST E, 2) relays Due to Bhandaria sub station LA fault.	
21:20	06:23	Bhandaria 132/33kV S/S Transformer-1 HT Tripped showing E/F relays Due to 132kv LA (B Phase) Bias.t	45.0MW load interruption.
01:09	01:23	Rajbari 132/33kV S/S Transformer-2 LT Tripped showing NO relays Due to SCADA Operation by NLDC	27.0MW load interruption.
01:09	01:23	Rajbari 132/33kV S/S Transformer-1 LT Tripped showing No relays Due to SCADA operation by NLDC	
05:05		Meghnaghat CCPPI(Summit) Shutdown with remarks:- GT1	
05:10		Meghnaghat CCPPI(Summit) Synchronized	
06:00		Minimum Generation = 12,258MW	
07:02		Bhulta-Rampura 230 kv Ckt-3 Scheduled S/D from Rampura 230/132kV end Due to CT & PT Maintenance.	
07:02		Lalmonirhat 132/33kV S/S Transformer T-1 425T LT Scheduled S/D Due to T-1 33kV Busbar Red Hot Maintenance.	27.0MW load interruption.
07:02		Lalmonirhat 132/33kV S/S Transformer T-1 425T HT Scheduled S/D Due to T-1 33kV Busbar Red Hot Maintenance	
07:06	07:34	Khulshi 132/33kV S/S 415T (T2) LT Tripped showing Mcom.P127 relays Due to 33kv Stadium ckt-1 trip	
07:39	07:47	Sonargaon 132/33kV S/S Tr-1 LT Tripped showing 33kv incoming CB relays Due to PBS Meghnaghat feeder over current fault .	20.0MW load interruption.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle