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

Reporting Date : 21-Apr-24

Till now the maximum generation is : - 19648.0 21:00 Hrs on 19-Apr-23

The Summary of Yesterday's 20-Apr-24	**Generation & Demand**			**Today's Actual Min Gen. & Probable Gen. & Demand**		
Day Peak Generation :	13325.0 MW	Hour :	12:00	Min. Gen. at	7:00	13060
Evening Peak Generation :	15358.0 MW	Hour :	21:00	Available Max Generation :		16980
E.P. Demand (at gen end) :	15750.0 MW	Hour :	21:00	Max Demand (Evening) :		16200
Maximum Generation :	15358.0 MW	Hour :	21:00	Reserve(Generation end)		480
Total Gen. (MWH) :	327.645	System Load Factor :	88.89%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum Min Flow MW at #N/A Energy
Import from West grid to East grid :- Maximum - MW at - Energy -

Water Level of Kaptai Lake at 6:00 A M on 21-Apr-24
Actual : 76.17 Ft.(MSL) . Rule curve : 84.00 Ft.(MSL)

Gas Consumed : Total = 1353.19 MMCFD. Oil Consumed (PDB) :
HSD :
FO :

Cost of the Consumed Fuel (PDB+IPvt) : **Gas** : Tk498,032,368
Coal : Tk586,792,815 Oil : Tk658,804,423 Total : Tk1,743,629,606

Load Shedding & Other Information

Area	Yesterday MW		Estimated Demand (S/S end) MW	Today Estimated Shedding (S/S end) MW		Rates of Shedding (On Estimated Demand)
Dhaka	40	0:00	4308		0	-23%
Chittagong Area	0	0:00	1182		0	-21%
Khulna Area	0	0:00	1655		0	-21%
Rajshahi Area	0	0:00	1438		0	-20%
Comilla Area	84	0:00	1184		0	-21%
Mymensingh Area	200	0:00	880		0	-20%
Sylhet Area	0	0:00	494		0	-21%
Barisal Area	0	0:00	411		0	0%
Rangpur Area	50	0:00	804		0	-20%
Total	**374**		**12357**		**0**	

Information of the Generating Units under shut down.

Planned Shut- Down	**Forced Shut- Down**
	1) Barapukuria ST: Unit- 2 2) Ghorasal-3,7 3) Shajibazar 330 MW 4) Baghabari-71.100 MW 5) Raozan unit-2 6) Siddhirganj 210 MW .

Outage Time	**Restore Time**	**Additional Information of Machines, lines, Interruption / Forced Load shed etc.**	**Remark**
	08:19	Rampura 230/132kV S/S 250kV Buster-2 is restored.	
08:20	10:17	Haripur-Madanganj 132kV Ckt-1 Scheduled S/D from Madanganj 132/33kV and Due to Red hot maintenance and from Haripur 230/132kV end Due to From other end.	
08:32	10:20	Madanganj 132/33kV S/S Reserve Bus Scheduled S/D.	
	09:18	Faridpur 132/33kV S/S Transformer-1 HT is restored.	
	09:18	Faridpur 132/33kV S/S Transformer-1 LT is restored.	
	09:43	Bogura 132/33kV S/S Transformer-3 HT is restored.	
	09:44	Bogura 132/33kV S/S Transformer-3 LT is restored.	
09:58	10:11	Kabirpur-Tongi 132kV Ckt-2 Tripped from Tongi 230/132/33kV end showing Distance Z1,Phase-Y B relays.	
10:39	22:44	Naogaon 132/33kV S/S T-2 HT Tripped Due to Overload.	
	10:55	Thakurgaon 132/33kV S/S T-3(432T) HT is restored.	
	10:51	Thakurgaon 132/33kV S/S T-3(432T) LT is restored.	
11:21	13:10	Thakurgaon 132/33kV S/S T-1(422T) HT Scheduled S/D Due to 33 kV capacitor bank Bus DS Connection.	15 MW load interrup.
11:21	13:10	Thakurgaon 132/33kV S/S T-1(422T) LT Scheduled S/D Due to 33 kV capacitor bank Bus DS Connection.	
11:49	13:26	BPTC S/S 200F23 Scheduled S/D Due to To work on PSD	
	12:15	Tangail 132/33kV S/S Kaliakair-1 is restored.	
	12:22	Kishoreganj 132/33kV S/S T-2 (4147) HT is restored.	
13:30		Barapukuria TPP Unit-1 Tripped.	
	13:43	Siddhirganj 2*120 MW GTPP GT-2 Syncronised.	
15:10	17:12	Daudkandi 132/33kV S/S Transformer-1 LT Forced S/D Due to Emergency Maintenance work of P122 Relay (Over current relay) of 5-1.	30 MW load interrup.
15:11	17:10	Daudkandi 132/33kV S/S Transformer-1 HT Forced S/D Due to Emergency Maintenance work of P122 Relay (Over current relay) of 5-1.	
	16:14	Faridpur 132/33kV S/S Transformer-3 HT is restored.	
	16:50	Faridpur 132/33kV S/S Transformer-3 LT is restored.	
19:20		Barapukuria TPP Unit-1 Syncronized .	
19:29	19:36	Chauddagram-Cumilla(S) 132 kV Ckt-1 Tripped from Cumilla(S) 132/33kV end showing REC-650 relays.	95 MW load interrup in Cumilla(S) 132/33 kV end.
19:29 19:30	19:36	Chauddagram-Cumilla(S) 132 kV Ckt-2 Tripped from Cumilla(S) 132/33kV end showing REC-650 relays. Ramganj -Chandpur Dash 132 kV both lines tripped.	490 MW load interrup occurred under Chowddagram,Feni, Chowmuhoni,Ramganj and Bandarhat Grid S/S.
21:46	22:52	Naogaon 132/33kV S/S T-1 LT Forced S/D Due to T-1 132/33kV Transformer (33kv side)red hot.	28 MW load interrup.
21:46	22:52	Naogaon 132/33kV S/S T-1 HT Forced S/D Due to T-1 132/33kV Transformer (33kv side)red hot.	
22:39	22:44	Naogaon 132/33kV S/S T-2 LT Tripped showing Directional OIC relays Due to Overload.	68 MW load interrup.
05:31	05:57	Cumilla(N)-Shahjibazar 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV and showing "Main 1 protection unit trip-EF can-RN"Main 2 protection unit-Zone 1 trip-R phase relays.	
06:09		Kushtia 132/33kV S/S T-1 LT Scheduled S/D Due to Red hot maintenance at T-1 33kv overhead line yoke clamp b phase.	25 MW load interrup.
06:10		Kushtia 132/33kV S/S T-1 HT Scheduled S/D.	
06:22	06:29	Kushtia 132/33kV S/S T2 LT Tripped showing o/c DMT-1 relays Due to WZPDCL 33 kv Campus feeder fault.	50 MW load interrup.
06:40		Chandpur 132/33kV S/S 4027 HT Scheduled S/D Due to Red hot maintenance work of T-1 e/former 33 kv DS.	10 MW load interrup.
06:40		Chandpur 132/33kV S/S 4027 LT Scheduled S/D Due to Red hot maintenance work of T-1 e/former 33 kv DS.	
06:42		Kabirpur 132/33kV S/S XFR, T-1 LT Scheduled S/D Due to 33 KV bus DS red hot maintenance.	40 MW load interrup.
06:42		Kabirpur 132/33kV S/S XFR, T-1 HT Scheduled S/D Due to 33 KV bus DS red hot maintenance.	
07:46		Faridpur 132/33kV S/S Transformer-2 LT Scheduled S/D.	
07:46		Faridpur 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Hotspots maintenance.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle