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

Reporting Date : 17-Jul-23

Till now the maximum generation is : - **13645.0** **21:00 Hrs on 19-Apr-23**

The Summary of Yesterday's	15-Jul-23	**Generation & Demand**			**Today's Actual Min Gen. & Probable Gen. & Demand**		
Day Peak Generation	12457.0	MW	Hour :	12:00	Min. Gen. at	6:00	11440
Evening Peak Generation :	14316.0	MW	Hour :	21:00	Available Max Generation :		15179
E.P. Demand (at gen end) :	14485.0	MW	Hour :	21:00	Max Demand (Evening) :		15000
Maximum Generation :	14316.0	MW	Hour :	21:00	Reserve(Generation end)		179
Total Gen. (MKWH) :	303.5		System Load Factor :	88.32%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum 390 MW at 20:00 Energy
Import from West grid to East grid :- Maximum - MW at - Energy -

Water Level of Kaptai Lake at 6:00 A.M on 17-Jul-23
Actual : 75.04 Ft.(MSL) ; Rule curve : 86.56 Ft.(MSL)

Gas Consumed : Total = 1236.09 MMCFD. Oil Consumed (PDB) :
HSD :
FO :

Cost of the Consumed Fuel (PDB+PVt) : **Gas** : Tk177,049,136
Coal : Tk295,338,756 Oil : Tk820,818,989 Total : Tk1,293,206,881

Load Shedding & Other Information

Area	Yesterday			Today	
	Estimated Shedding (S/S end)		Estimated Demand (S/S end)	Estimated Shedding (S/S end)	Rates of Shedding
	MW		MW	MW	(On Estimated Demand)
Dhaka	22	0.00	4955	0	0%
Chittagong 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	15	0.00	1367	0	0%
Mymensingh Area	73	0.00	1017	0	0%
Sylhet Area	0	0.00	570	0	0%
Barisal Area	0	0.00	475	0	0%
Rangpur Area	51	0.00	929	0	0%
Total	**161**		**14249**	**0**	

Information of the Generating Units under shut down.

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

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
	08:13	Fenidpur 132/33kV S/S Transformer-1 HT is restored.	
	08:14	Fenidpur 132/33kV S/S Transformer-1 LT is restored.	
08:59	12:58	Patuakhali 132/33kV S/S 42ST (T-3) LT Forced S/D Due to Due to sparking of 33 kV Y-phase Bushing shutdown was taken on emergency basis.	
08:59	12:56	Patuakhali 132/33kV S/S 42ST (T-3) HT Forced S/D Due to Due to sparking of 33 kV Y-phase Bushing shutdown was taken on emergency basis.	
	09:49	Noapara 132/33kV S/S T-4 HT is restored.	
	09:51	Noapara 132/33kV S/S T-4 LT is restored.	
12:20	12:45	Kulaura 132/33kV S/S TR-2 HT Tripped showing Overcurrent P132 relays Due to 33KV PDB CT blast (R & Y phase).	18 MW load interrup.
12:20	12:40	Kulaura 132/33kV S/S TR-1 HT Tripped showing Over current protection P132 relays Due to 33KV PDB CT blast (R & Y phase).	
12:20	12:40	Kulaura 132/33kV S/S TR-1 LT Tripped showing Over current protection P132 relays Due to 33KV PDB CT blast (R & Y phase).	
12:40	12:45	Kulaura 132/33kV S/S TR-2 LT Tripped showing Overcurrent protection P132 relays Due to 33KV PDB CT blast (R & Y phase).	
13:20	13:27	Rajbari 132/33kV S/S Transformer-1 LT Tripped.	25 MW load interrup.
13:20	13:27	Rajbari 132/33kV S/S Transformer-2 LT Tripped.	
13:20		Rampal 1320 MW (BIFPCL) Unit-1 tripped.	320 MW generation interrup.
13:22	13:27	Bhaluka 132/33kV S/S Transformer- 01 LT Tripped Due to Under frequency.	60 MW load interrup.
13:22	13:27	Bhaluka 132/33kV S/S Transformer- 02 LT Tripped Due to Under frequency.	
14:23	15:34	Kulaura 132/33kV S/S TR-2 HT Scheduled S/D Due to Due to PDB maintenance.	10 MW load interrup.
15:03		Ari Magura SS, 33 Kv Bus Section -3 is opend due to 33 kV main Bus DS Alignment work.	
16:51		Meghaghat 400/230 KV TR-01 (750 MVA) 400KV side first time charged.	
17:16	19:04	Madhyamghat 132/33kV S/S T-1 33kV BUS Scheduled S/D Due to shutdown for connector sample collection by BPDB.	30 MW load interrup.
18:13	19:04	Madhyamghat 132/33kV S/S T-2 33kV BUS Scheduled S/D Due to emergency Red Hot Maintenance By BPDB.	
18:14	19:04	Madhyamghat 132/33kV S/S TR-2(317T) LT Scheduled S/D Due to shutdown for red hot maintenance by BPDB .	
	20:13	Khulna 330 MW CCPP (GIL) GT was sync.	
20:24		Madhyamghat GIS 132/33 KV T2 HT Transformer tripped showing Differential, PRD & Buchholz relay.	57 MW load interrup.
20:24		Madhyamghat 132/33kV S/S TR-2(317T) LT Tripped showing REF-615 relays.	
21:41		Jashore 132/33kV S/S T-3 LT Forced S/D Due to due to 132 kv T3 side air leakge from air compressor.	
21:51		Jashore 132/33kV S/S T-3 HT Forced S/D Due to due to 132 kv.	
	00:04	Madhyamghat 132/33kV S/S TR-1(307T) HT is restored.	
05:30		Joypurhat 132/33kV S/S Transformer T-4 (407 T) HT Forced S/D.	
05:30		Joypurhat 132/33kV S/S Transformer T-4 (407 T) HT Tripped.	
06:00		Siddirganj GT-1 tripped due to gas pressure fluctuation.	
		T3 side air leakge from air compressor	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle