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

Reporting Date : 19-Sep-23

ow the maximum generation is : - 15648.0 21:00 Hrs on 19-Apr-23

The Summary of Yesterday's	18-Sep-23	**Generation & Demand**			**Today's Actual Min Gen. & Probable Gen. & Demand**		
Day Peak Generation :	12998.0 MW	Hour :	12:00		Min. Gen. at	8:00	10881
Evening Peak Generation :	14465.0 MW	Hour :	19:30		Available Max Generation :		15935
E.P. Demand (at gen end) :	14650.0 MW	Hour :	19:30		Max Demand (Evening) :		14900
Maximum Generation :	14465.0 MW	Hour :	19:30		Reserve(Generation end)		1035
Total Gen. (MKWH) :	311.737	System Load Factor	: 89.80%		Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

from East grid to West grid :- Maximum	610 MW	at	20:00	Energy	
from West grid to East grid :- Maximum	-	MW	at	-	Energy -

Water Level of Kaptai Lake at 6:00 A M on 19-Sep-23

Actual : 108.19 Ft.(MSL) , Rule curve : 102.91 Ft.(MSL)

Gas Consumed : Total = 1147.90 MMCFD. Oil Consumed (PDB) :

HSD :
FO :

of the Consumed Fuel (PDB+Pvt) : **Gas :** Tk162,707,982
: **Coal :** Tk580,698,874 Oil : Tk589,617,453 Total : Tk1,333,024,309

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	0	0:00	5149	0	0%
Chittagong Area	0	0:00	1418	0	0%
Khulna Area	0	0:00	1988	0	0%
Rajshahi Area	0	0:00	1729	0	0%
Cumilla Area	25	0:00	1422	0	0%
Mymensingh Area	122	0:00	1058	0	0%
Sylhet Area	30	0:00	592	0	0%
Barisal Area	0	0:00	494	0	0%
Rangpur Area	0	0:00	967	0	0%
Total	**177**		**14816**	**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) Raozan unit-2 6) Siddhirganj 210 MW .

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
	08:02	Sylhet 132/33kV S/S T4 LT is restored.	
08:15	08:25	Sreemongol 132/33kV S/S 132/33kv T-3 LT Forced S/D Due to 33kv Gas Refill Work.	
08:15	08:25	Sreemongol 132/33kV S/S 132/33kv T-3 HT Forced S/D Due to 33kv Gas Refill Work.	
08:22	10:14	Jovdebpur 132/33kV S/S GT-3 HT Scheduled S/D Due to Oil Refill	
	08:23	Narshingdi 132/33kV S/S T-1 HT is restored.	
	08:25	Narshingdi 132/33kV S/S T-1 LT is restored.	
09:20	17:34	Madaripur 132/33kV S/S T2-415T HT Scheduled S/D Due to Red Hot of 33 kv feeder (Agoljhora) source side D/S B-phase	
09:21	17:35	Madaripur 132/33kV S/S T2-415T LT Scheduled S/D Due to Red Hot maintenance source DS B -phase 33KV Agailjhara Feeder Barishal PBS-2	17.0MW load interruption.
09:31	11:03	Cumilla(S) 132/33kV S/S TR-4 LT Scheduled S/D Due to T-4 Bus Red hot (PDB Feeder)	10.0MW load interruption.
09:31	11:03	Cumilla(S) 132/33kV S/S TR-4 HT Scheduled S/D Due to same	
09:53	14:42	Rampur 230/132/33 S/S Khulshi-1 Scheduled S/D Due to due to high temperature at different point at mono pole.	
09:54	13:40	Halishahar-Khulshi 132kV Ckt-1 Forced S/D from Khulshi 132/33kV end Due to Red hot	
10:05	15:50	Bashundhara-Tongi 132 kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Tree trimming.	
10:12		Meghnaghat Summit CCPP 305MW GT-1 was sync.	
11:45		Bheramara(GK) 132/33kV S/S TR-2 LT Scheduled S/D Due to 132/33kv Tr-2 Oil Centrifuging Work.	
11:46		Bheramara(GK) 132/33kV S/S TR-2 HT Scheduled S/D Due to 132/33kv Tr-2 Oil Centrifuging Work.	
12:00		Day peak generation 12998 MW.	
12:54	23:02	Rampur 230/132/33 S/S Halishahar-1 Forced S/D	
	14:27	Sirajganj 132/33kV S/S Sherpur-1 is restored.	
	14:28	Sherpur(Bogura)-Sirajgonj 132 kV Ckt-1 is restored.	
14:35	14:45	Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT Tripped showing O/C & E/F(50 & 50N) relays Due to Fokirpaera 33Kv Feeder LA Blust	
14:35	15:05	Purbasadipur 132/33kV S/S T-1 Transformer (403T) HT Tripped showing Lockout (For 33Kv side Directional E/F relay tripped) relays Due to fokirpara 33Kv Feeder LA Blust	25.0MW load interruption.
14:35	15:05	Purbasadipur 132/33kV S/S T-1 Transformer (403T) LT Tripped showing E/F (50 &67) relays Due to Fokirpara 33kv side Feeder LA Blust.rain and thundaring in this area.	
14:40	17:22	Shyampur-Shyampur(New) 132kV Ckt-2 Tripped from Shyampur 230/132kV end showing 21-Distance relay. relays Due to Tripped due to external materials.	39.0MW load interruption.
14:44	23:00	Halishahar-Khulshi 132kV Ckt-2 Forced S/D from Khulshi 132/33kV end Due to Red hot	
14:55	23:00	Rampur 230/132/33 S/S Khulshi-2 Scheduled S/D	
15:06	17:53	Madanganj 132/33kV S/S Madanganj-Fatullah 132KV Ckt Forced S/D	
15:08	17:52	Fatullah-Madanganj 132 kV Ckt-2 Forced S/D from Fatullah 132/33kV end.	
15:11		Summit meghnaghat-2 589 MW PP GT was sync.	
16:30	00:46	Sylhet 132/33kV S/S T4 LT Tripped showing Over Current relays Due to Over Load	
16:35	17:05	Shyampur-Shyampur(New) 132kV Ckt-1 Tripped from Shyampur 230/132kV end showing Supervision relay relays Due to Above circuit tripped only from Shyampur (old) substation end. Due to LA brust in Transformer -2 Bay of Shyampur (old) substation.	71.0MW load interruption.
18:28		Rampal 1320 MW (BIFPCL) unit-1 was sync.	
	18:28	Rampal 400/230kV S/S Generator Transformer-1 (GT-1) LT is restored.	
	18:28	Rampal 400/230kV S/S Generator Transformer-1 (GT-1) HT is restored.	
19:30		Evening Peak Gen. 14466 MW	
21:19		Unique Meghnaghat Power 584 MW CCPP GT was shutdown.	
21:36	23:45	Narshingdi 132/33kV S/S T-3 LT Scheduled S/D Due to ফি-ওয়, ওওএন্ডি ইনকামিং গার্ডার ডিএস ইন্সুলেটর মেইন্টেনেন্স ।	30.0MW load interruption.
21:37	23:44	Narshingdi 132/33kV S/S T-3 HT Scheduled S/D Due to ফি-ওয়, ওওএন্ডি ইনকামিং গার্ডার ডিএস ইন্সুলেটর মেইন্টেনেন্স ।	
22:03		Mirpur 132/33kV S/S T1 LT Forced S/D Due to 132/33KV T-1 Transformer CB Hydraulic pressure low.	
22:03		Mirpur 132/33kV S/S T1 HT Forced S/D Due to 132/33KV T-1 Transformer CB Hydraulic pressure low.	
22:03		Mirpur 132/33kV S/S T1 LT Forced S/D Due to 132KV T-1 Transformer CB Hydraulic pressure low.	
22:37	23:55	Tangail 132/33kV S/S Tr-2 HT Forced S/D Due to Red hot at 33kv kachuadanga feeder (BPDB)	130.0MW load interruption.
22:37	23:55	Tangail 132/33kV S/S Tr-2 LT Forced S/D Due to Red hot at 33kv kachuadanga feeder (BPDB)	
07:00		Minimum generation 10918 MW	
07:05		Rangpur 132/33kV S/S T-2 (404T) LT Forced S/D Due to 33kv Dhasana feeder bus DS red hot	90.0MW load interruption.
07:05		Rangpur 132/33kV S/S T-1(414T) LT Forced S/D Due to 33kv Dharsana feeder bus DS red hot	
07:07		Rangpur 132/33kV S/S T-1(414T) HT Forced S/D Due to 33kv Dhasana feeder bus DS red hot	
07:07		Rangpur 132/33kV S/S T-2 (404T) HT Forced S/D Due to 33kv Dhasana feeder bus DS red hot	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle