

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

Till now the maximum generation is :-		16:77.0	21:00	Hrs on	30-Apr-24	Reporting Date : 30-Jun-24
The Summary of Yesterday's Generation & Demand						
Day Peak Generation	11427.0 MW	Hour :	9:00	Min. Gen. at	7:00	11601
Evening Peak Generation	13796.0 MW	Hour :	20:00	Available Max Generation		14029
E.P. Demand (at sen end)	14000.0 MW	Hour :	20:00	Max Demand (Evening)		15200
Maximum Generation	13796.0 MW	Hour :	20:00	Reserve(Generation end)		-
Total Gen. (MOWH)	297.594	System Load Factor	89.88%	Load Shed		1108

EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid - Maximum	86 MW	at	21:00	Energy		
Import from West grid to East grid - Maximum				Energy		
Water Level of Kaptai Lake at 6:00 A.M on 30-Jun-24						
Actual :	82.06	Fl(MSL)	83.46	Fl(MSL)		

Gas Consumed :	Total =	954.18 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+PV) :	Gas :	Tk405,945,754	Oil :	Tk1,212,118,084	Total :	Tk2,108,361,769
	Coal :	Tk490,297,931				

Load Shedding & Other Information						
Area	Yesterday	Estimated Demand (S/S end)	Today	Estimated Shedding (S/S end)	MW	Rates of Shedding (On Estimated Demand)
Dhaka	101	0.00	5213	300	300	5%
Chittagong Area	0	0.00	1436	120	120	7%
Khulna Area	66	0.00	2013	150	150	8%
Rajshahi Area	0	0.00	1751	140	140	8%
Cumilla Area	0	0.00	1440	130	130	8%
Mymensingh Area	0	0.00	1072	100	100	8%
Sylhet Area	0	0.00	600	50	50	7%
Barisal Area	0	0.00	501	30	30	8%
Rangpur Area	28	0.00	979	88	88	8%
Total	198	15006	1108			

Information of the Generating Units under shut down.	
Planned Shut-Down	Forced Shut-Down
	1) Barasikura ST: Unit-2 2) Chorasal-3,4,7 3) Shaibazar 330 MW 4) Bapchabari 71.100 MW 5) Raoson unit-2 6) Siddhirani 210 MW

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:55		Mipur 132/33kV S/S T1 HT is restored.	
09:23	12:23	Kushia 132/33kV S/S T-1 LT Scheduled S/D Due to Schedule maintenance	25.0MW load interruption.
09:24	12:22	Kushia 132/33kV S/S T-1 HT Scheduled S/D Due to Schedule maintenance	
	09:43	Naogaon-Niyamatpur 132kV Ckt-1 is restored.	
09:46	16:16	Bogura(New)-Naogaon 132 KV Ckt-2 Scheduled S/D from Naogaon 132/33kV end Due to OPGW wire change and from Bogura 230/132kV end Due to OPGW Maintenance	5.0MW load interruption.
09:48	16:18	Bogura(New)-Naogaon 132 KV Ckt-2 Scheduled S/D from Naogaon 132/33kV end Due to OPGW wire change and from Bogura 230/132kV end Due to OPGW Maintenance	
	09:54	Khulshi-Madunaghat 132kV Ckt-1 is restored.	
09:58	16:38	Naogaon 132/33kV S/S Nao-SPPP Ckt-1 Scheduled S/D Due to OPGW wire change	
10:45	15:47	Shikabaha 230/132kV S/S Hathazari - 01 Project Work S/D	
10:45		Shikabaha - Madunaghat 230 KV ckt-1 was shutdown.	
	10:47	Kushia 132/33kV S/S CB-T2 is restored.	
10:57	14:19	Fatullah-Madanganj 132 KV Ckt-2 Tripped from Fatullah 132/33kV end showing 21 trip zone-1 trip fault abs distance -6.966km from fatula end relays Due to heavy rain	
10:57	14:19	Madanganj 132/33kV S/S Madanganj-Fatullah 132KV Ckt Tripped showing Line Distance Protection Relay relays.	
11:05		Hathazari- Madunaghat 230KV ckt-1 was shutdown.	
11:15	12:00	Uttahpara 132/33kV S/S Power Transformer-2 LT Scheduled S/D Due to PBS on request	
11:17	12:05	Uttahpara 132/33kV S/S Power Transformer-2 HT Scheduled S/D	
	11:18	Bhandaria 132/33kV S/S Transformer-1 HT is restored.	
11:43	13:48	Mongla 132/33kV S/S T-1 LT Forced S/D Due to 33 kv bus and feeder redhot maintenance	
11:44	13:47	Mongla 132/33kV S/S T-1 HT Forced S/D Due to 33 kv feeder and busbar redhot maintenance	
	11:52	Bhandaria 132/33kV S/S Transformer-1 LT is restored.	
12:00		Day Peak Generation: 11280 MW.	
12:02	14:20	Madanganj 132/33kV S/S Madanganj-Shilakhya 132 kv Ckt Forced S/D Due to Overload of 132 KV Hasnabad-Shilakhya ckt	
12:07	13:45	Maqura-Narail 132kV Ckt-2 Forced S/D from Narail 132/33kV end Due to A kites found in Maqura ckt-02 between Y & B phase.	
12:13	12:22	Bhaluka-Mymensingh 132 KV Ckt-1 Tripped from Mymensingh 132/33kV end showing Distance 3PH, ZJ(36.51) relays Due to Heavy thunderstorms	
	12:42	Savar 132/33kV S/S T-3 LT is restored.	
	12:42	Savar 132/33kV S/S T-3 HT is restored.	
13:48	14:04	Purbasadjpur-Thakurgaon-EPV 132kV Ckt-1 Tripped from Purbasadjpur 132/33kV end showing quadromho relays Due to Bundling	50.0MW load interruption.
13:48	14:06	Purbasadjpur-Thakurgaon-EPV 132kV Ckt-2 Tripped from Purbasadjpur 132/33kV end showing Alptom 3000 relays.	
16:25		Naogaon-Niyamatpur 132kV Ckt-1 Forced S/D from Niamatpur 132/33kV end Due to ALDC, Bogura => level > Naogaon-Niamatpur Ckt-1, => CB Open => =>	
	16:42	Haripur 230/132kV S/S EGC 412MW is restored.	
	17:52	Shikabaha 230/132kV S/S Hathazari-02 is restored.	
17:52		Shikabaha- Madunaghat 230 KV line-2 was switched on.	
17:53	18:57	Mahasthanaghat 132/33kV S/S 406T MTR1 LT Forced S/D Due to Transformer-1 CT Redhot Maintenance.	
17:53		Hathazari- Madunaghat 230 KV line-2 was switched on.	
17:54	18:56	Mahasthanaghat 132/33kV S/S 406T MTR1 HT Forced S/D Due to Transformer-1 CT Redhot Maintenance.	
	17:56	Halishahar 132/33kV S/S Halishahar-Khulshi-Ckt-3 is restored.	
	17:57	Khulshi 132/33kV S/S Khulshi-Halishahar Ckt-3 is restored.	
18:10		Kabirpur - Manikganj 132kV Ckt-1 is restored.	
18:10		Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) HT is restored.	
18:10		Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) HT is restored.	
18:13		Halishahar-Khulshi 132kV Ckt-2 is restored.	
19:14		Rampur 230/132/33 S/S Halishahar-2 is restored.	
19:38	21:21	Madunaghat 132/33kV S/S TR-2(5177) LT Tripped showing REF-615,RET-670,RET-650 relays Due to OLD WASA 33 kv feeder R-phase Loop break	6.0MW load interruption.
20:00		Evening Peak Gen. 13796 MW	
21:40	23:20	Chowmuhani 132/33kV S/S TR3 Forced S/D Due to 33kv Bus maintenance.	20.0MW load interruption.
22:40	23:23	Madunaghat 132/33kV S/S TR-2(5177) LT Scheduled S/D Due to Mohora-3, 33kV feeder redhot Maintenance.	
01:53		Bhandaria 132/33kV S/S Transformer-1 LT Forced S/D Due to 189B DS y phase contact point flashing	25.0MW load interruption.
01:54		Bhandaria 132/33kV S/S Transformer-1 HT Forced S/D Due to 189B DS y phase flashing	
07:00		Minimum Generation = 11,602MW	
07:36	07:57	Jalshaha-Saidpur 132kV Ckt-2 Tripped from Saidpur 132/33kV end showing Distance Relay, Phase A,B Zone 2 Over Current, Phase A,B,C K86-1CB Lock out K86-2 CB Lock out relays.	22.0MW load interruption.
07:36	07:56	Jalshaha-Saidpur 132kV Ckt-1 Tripped from Saidpur 132/33kV end showing Distance Relay, Phase A,B Zone 2 Over Current, Phase A,B,C K86-1CB Lock out K86-2 CB Lock out relays.	