

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

Till now the maximum generation is :-		16477.0		Reporting Date : 13-May-24
The Summary of Yesterday's		12-May-24	Generation & Demand	21:00 Hrs on 30-Apr-24
Day Peak Generation :	12356.0 MW	Hour :	12:00	Today's Actual Min. Gen. & Probable Gen. & Demand
Evening Peak Generation :	14165.0 MW	Hour :	19:30	Available Max Generation : 16092
E.P. Demand (at gen end) :	14020.0 MW	Hour :	19:30	Max Demand (Evening) : 14800
Maximum Generation :	14165.0 MW	Hour :	19:30	Reserve(Generation end) : 1292
Total Gen. (MKWH) :	291.421	System Load Factor :	85.72%	Load Shed : 0

Export from East grid to West grid - Maximum	EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		142 MW	at	22:00	Energy
Import from West grid to East grid - Maximum			-	at	-	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A.M on 73.75 Ft(MSL) :	13-May-24	Rule curve :	79.72	Ft(MSL)	

Gas Consumed :	Total =	1271.12 MMCFD.	Oil Consumed (PDB) :	HSD :	
				FO :	
Cost of the Consumed Fuel (PDB+Vt) :	Gas :	Tk469,235,590	Oil :	Tk549,383,053	Total : Tk1,473,614,614
	Coal :	Tk454,996,272			

Load Shedding & Other Information						
Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)	
	MW	%	Estimated Demand (S/S end)	Estimated Shedding (S/S end)		
Dhaka	0	0.00	4631	0	0%	
Chittagong Area	0	0.00	1273	0	0%	
Khulna Area	0	0.00	1783	0	0%	
Raisahah Area	0	0.00	1550	0	0%	
Cumilla Area	0	0.00	1275	0	0%	
Mymensingh Area	35	0.00	949	0	0%	
Sylhet Area	0	0.00	532	0	0%	
Barisal Area	0	0.00	443	0	0%	
Rangpur Area	0	0.00	367	0	0%	
Total	35		13303	0		

Information of the Generating Units under shut down.	
Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST. Unit- 2 2) Ghorasil-3A,7 3) Shaibazar 330 MW 4) Bahabari-100 MW 5) Razcan unit-2 6) Siddharsani 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:13	17:44	Ashugani-Sreepur 230 kV Ckt-1 Scheduled S/D from Ashugani 230/132/33 kV end.	
08:28	16:06	Rahapur 400/132kV S/S AT-02 LT Project Work S/D Due to DFR witness.	
08:29	16:06	Rahapur 400/132kV S/S AT-02 HT Project Work S/D Due to DFR.	
08:38	17:56	Sreepur 230/132/33kV S/S Sreepur-Ashugani Ckt-1 Scheduled S/D Due to Project Work.	
08:38	09:08	Joypurhat-Naogaon 132kV Ckt-1 Tripped from Naogaon 132/33kV end showing Distance relays Due to Lightning.	44 MW load interrupt in Naogaon 132/33 kV end.
08:41	11:11	Niamatpur 132/33kV S/S 132kV Rahapur Ckt-1 Project Work S/D Due to Project work.	
09:01	13:59	Brahmanbaria-Narsingdi 132 kV Ckt-1 Scheduled S/D from Brahmanbaria 132/33kV end Due to NLDG SDE. and from Narsingdi 132/33kV end Due to Bus coupler commissioning work.	
09:01	13:59	Brahmanbaria-Narsingdi 132 kV Ckt-2 Scheduled S/D from Brahmanbaria 132/33kV end Due to NLDG SDE. and from Narsingdi 132/33kV end Due to Bus coupler commissioning work.	
09:02		Ashugani 51 MW PP (Midland) Tripped with remarks:- APSCL 132 kV line fault.	
09:04	11:12	Ashugani/Kishoreganj 132kV Ckt-2 Tripped from Kishoreganj 132/33kV end showing Distance B Z2 relays Due to CT Burst in Ashugani S/S and from Ashugani 230/132/33kV end showing Distance A,B,C relays.	
09:04		Ashugani-Kishoreganj 132kV Ckt-1 Tripped from Kishoreganj 132/33kV end showing Distance A,B,C Z2 relays Due to CT Burst in Ashugani S/S and from Ashugani 230/132/33kV end showing Distance A,B,C-phase relays Due to Y-phase burst.	94 MW load interrupt in Kishoreganj 132/33 kV end.
09:05	09:20	Sreepur 230/132/33kV S/S Sreepur-Valuka Ckt-1 Tripped showing FB7L-Line Differential Relay relays Due to Over Current.	130 MW load interrupt.
09:05	09:15	Sreepur 230/132/33kV S/S Sreepur-Valuka Ckt-2 Tripped showing FB7L-Line Differential Relay relays Due to Over Current.	
09:05	09:20	Bhaluka 132/33kV S/S Sreepur Ckt-01 Tripped showing 86.1 operated,86.2 operated relays Due to Overload.	
09:05		Ashugani 55 MW PP (Precision) Shutdown	
09:06	09:48	Mymensingh RPCL-Tanaal 132kV Ckt-1 Tripped from Ghatatal 132/33kV end showing REL 650, REL 670 relays Due to overload.	17 MW load interrupt in Ghatatal 132/33 kV end.
09:06	09:49	Mymensingh RPCL-Tanaal 132kV Ckt-2 Tripped from Ghatatal 132/33kV end showing REL 650, REL 670 relays Due to overload.	
09:06		RPCL 210MW CAPP Tripped	
09:06		Jamalpur 115 MW PP (United) Tripped	
09:06		Mymensingh 200 MW PP (United) Tripped	
09:06		Ashugani CAPP 225 MW Tripped	
09:06		Ashugani 50 MW PP Synchronized	
09:07	09:07	Ashugani 50 MW PP Tripped	
09:09	11:16	Power Fail of Mymensingh, Kishoreganj, Bhaluka, Netrokona, Jamalpur & Sherpur Grid due to 132kV Ash-kish ckt-01 (CT Burst) & Ckt-02 - Ash Source - 132kV Sreepur - Bhaluka ckt-01 & 02 and 132kV Ghatatal - RPCL Ckt-01 & 02 Tripped. RPCL 1107MW, UMPL200MW, UMPL200MW Power Station Also tripped.	178 MW generation interrupt and 630 MW load interrupt.
09:09	10:34	Ashugani-Ghorasil 132kV Ckt-1 Tripped from Ashugani 230/132/33kV end showing Distance A-C-phase relays.	
09:09	10:34	Ashugani 230/132/33kV S/S TR-OAT-12 HT Tripped showing Master trip-2 relays.	
09:09	10:13	Ashugani 230/132/33kV S/S TR-OAT-12 LT Tripped showing Over Current, Master Trip-2 relays.	
09:27	09:27	Mymensingh 200 MW PP (United) Synchronized.	
09:35	09:37	Jamalpur 115 MW PP (United) Synchronized.	
09:37	09:39	Mymensingh 200 MW PP (United) Synchronized.	
09:39	09:39	Kodda 150 MW PP B-R Synchronized.	
9:41	21:05	Goalkani 400/132kV S/S ATR-02 LT Scheduled S/D.	
09:42	21:04	Goalkani 400/132kV S/S ATR-02 HT Scheduled S/D.	
09:52	18:14	Khulna (S)-Rampal Ckt-2 Project Work S/D from Khulna(S) 230/132kV end. and from Rampal 400/230kV end.	
10:22	22:02	Keraniganj 230/132/33kV S/S ATR-2 HT Scheduled S/D Due to 132kV bay commissioning purpose.	
10:35	15:03	Sylhet (South) S/S Sylhet (S)-Bibanabazar 132kV Ckt-2 Project Work S/D Due to NLDG SAS Witness work.	
10:35	15:03	Sylhet (North) S/S Sylhet (S)-Bibanabazar 132kV Ckt-1 Project Work S/D Due to NLDG SAS Witness work.	
10:35		Haripur-Siddirganj 132kV Ckt-1 Scheduled S/D from Siddirganj 132/33kV end Due to Maintenance work in Haripur end. and from Haripur 230/132kV end Due to 132 kV Busbar Protection work by Itra Construction.	
10:36	11:22	Raisahah 230/132/33kV S/S 230/132 kV ATR-02 (714T) HT Forced S/D Due to ATR 02 breaker to CT Y-phase riser maint work.	
10:36	11:23	Raisahah 230/132/33kV S/S 230/132 kV ATR-02 (714T) LT Forced S/D Due to ATR 02 breaker to CT Y-phase riser maint work.	
10:38	10:39	RPCL 210MW CAPP Synchronized	
11:18	12:16	Ashugani CAPP 225 MW Synchronized with remarks:- at Niamatpur 132/33kV S/S 132 kV Rahapur Ckt-2 Project Work S/D Due to Project Work	
11:18	11:19	Ashugani 55 MW PP (Precision) Synchronized	
11:18	11:46	Ashugani 50 MW PP Synchronized	
11:52	11:50	Ashugani 51 MW PP (Midland) Synchronized	
12:30	11:55	Barishal 132/33kV S/S T-2 (415T) LT Tripped showing O/C Inf. Est. relays Due to Wazoddi dopodia feeder fault.	32 MW load interrupt.
12:49	16:29	Haripur-Siddirganj 132kV Ckt-2 Forced S/D from Siddirganj 132/33kV end Due to Maintenance work in Haripur end.	
13:10	14:43	Haripur-Siddirganj 132kV Ckt-2 Forced S/D from Haripur 230/132kV end Due to Emergency High Temperature maintenance.	
13:12	14:42	Sonargaon 132/33kV S/S Tr-2 LT Forced S/D Due to Emergency maintenance work by PBS. New Bopra feeder underground cable heat shrink.	40 MW load interrupt.
13:15	15:15	Sonargaon 132/33kV S/S Tr-2 HT Forced S/D Due to Shutdown taken by PBS.	
13:29	15:55	Kodda-Rajendrapur 132kV Ckt-1 Forced S/D from Rajendrapur 132/33kV end Due to ROW clearance of transmission line. and from Kodda 132/33kV end Due to Tree trimming.	
14:10	14:10	Haripur 230/132kV S/S 132kV Reserve Bus Sec-1 Project Work S/D Due to Bus Bar Protection System Upgradation Work.	
14:13	15:55	Ashugani CAPP 225 MW Synchronized with remarks:- ST.	
15:05	19:43	Keraniganj 230/132/33kV S/S ATR-2 LT restored.	
15:05	19:43	Manikganj 230/132kV S/S Auto Transformer-01(705T) HT Tripped showing 1.RET670 (Main-1) 2.RET670 (Main-2) relays.	
15:05	16:50	Manikganj 230/132kV S/S Auto Transformer-01(705T) LT Tripped.	
17:14	17:47	Matarbari 2100 MW (CPCL) Synchronized	
22:36		Dohazari-Shakabaha 132 kV Ckt-2 Tripped from Shakabaha 230/132kV end showing General trip Zoom trip R phase trip Y phase trip DTT trip relays. and from Dohazari 132/33kV end showing Quadramm relays.	56 MW load interrupt in Chapal 132/33 kV end.
23:42	00:00	Chandpur 150 MW CAPP Shutdown	
01:11		C-nawabganj-Raisahah 132 kV Ckt-1 Tripped from Chapal 132/33kV end showing Zone 3, R,Y,B relays.	
06:02		Manikganj-Narinda 132kV Ckt-2 Tripped from Manikganj 132/33kV end showing Plot wire protection (MBCL) inn. E/F A phase (MCGS) Main protection trip (MVA) back up protection trip relays Due to inn. E/F A phase.	
06:07		Unique Meshnaghat Power Limited (UMPL) Shutdown with remarks:- ST.	
07:02		Unique Meshnaghat Power Limited (UMPL) Shutdown with remarks:- GT.	
07:02		Pabna 132/33kV S/S T-3 LT Forced S/D Due to Red hot maintenance.	15 MW load interrupt.
07:25		Pabna 132/33kV S/S T-3 HT Forced S/D Due to Red hot maintenance.	
07:26		Dhamrai 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Pbs work.	20 MW load interrupt.
07:26		Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Pbs work.	
07:26		Dhamrai 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Pbs work.	
07:26		Pbs work	20.0MW load interrupt.
07:26		Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Pbs work.	20.0MW load interrupt.
09:27		Mymensingh 200 MW PP (United) Synchronized	
09:35		Jamalpur 115 MW PP (United) Synchronized	
09:37		Mymensingh 200 MW PP (United) Synchronized	
09:39		Kodda 150 MW PP B-R Synchronized	
07:28		Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Dead line checking due Thunderstorm.	
07:29		Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Deadline checking due to heavy Thunderstorm	
07:29		Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Deadline checking due to heavy Thunderstorm	
07:53		Keraniganj 230/132/33kV S/S Hasnabad Tripped showing 86.1 relays Due to Thundering	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle