

POWER GRID COMPANY OF BANGLADESH LTD.										
NATIONAL LOAD DISPATCH CENTER										
DAILY REPORT										
Reporting Date : 16-Feb-24										
Till now the maximum generation is : 15648.0										
The Summary of Yesterday's										
Day Peak Generation	10886.0 MW	Hour :	12:00	Today's Actual Min Gen.	7.00	6960				
Evening Peak Generation	10944.0 MW	Hour :	19:00	Available Max Generation		11803				
E.P. Demand (at gen end)	11042.0 MW	Hour :	19:00	Max Demand (Evening)		10300				
Maximum Generation	11024.0 MW	Hour :	13:00	Reserve(Generation end)		1503				
Total Gen. (MkWh)	233,093	System Load Factor	88.10%	Load Shed		0				
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR										
Export from East grid to West grid - Maximum	990 MW	at	8:00	Energy						
Import from West grid to East grid - Maximum	0 MW	at		Energy						
Actual :	Water Level of Kaptai Lake at 6:00 A.M on 16-Feb-24	Fl.(MSL) :		Rule curve :	94.90	Fl (MSL) :				
Gas Consumed :	Total =	824.28 MAFCD.	Oil Consumed (PDB) :			HSD :				
						FO :				
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk300,827,478	Oil :	Tk395,765,638	Total :	Tk1,225,056,088				
	Coal :	Tk529,462,952								
Load Shedding & Other Information										
Area	Yesterday	Estimated Demand (S/S end)	Today	Estimated Shedding (S/S end)	Rates of Shedding (On Estimated Demand)					
Dhaka	20	0.00	3823	0	0%					
Chittagong Area	0	0.00	1646	0	0%					
Khulna Area	0	0.00	1464	0	0%					
Rajshahi Area	0	0.00	1271	0	0%					
Cumilla Area	0	0.00	1046	0	0%					
Mymensingh Area	72	0.00	778	0	0%					
Sylhet Area	0	0.00	437	0	0%					
Barisal Area	0	0.00	363	0	0%					
Rangpur Area	0	0.00	710	0	0%					
<b>Total</b>	<b>92</b>	<b>0.00</b>	<b>10938</b>	<b>0</b>	<b>0%</b>					
Information of the Generating Units under shut down.										
Planned Shut-Down				Forced Shut-Down						
				1) Birgaung ST-1 Unit-1,2						
				2) Ghoreal-3,5,7						
				3) Shaikhabar 330 MW						
				4) Baghabari-71,100 MW						
				5) Raizan uni-2						
				6) Siddhirganj 210 MW						
				7) Meghnath-450 MW						
				8) Shola Nuton Bidist GT-1						
Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.					Remark			
08:20	14:14	Shahinpur-Sikabaha 132kV Ckt-1 Scheduled S/D from Shahinpur 132/33kV end Due to Annual Bay Maintenance and from Sikabaha 230/132kV end.								
08:26	17:47	Gopalganj(N)Madaripur 132kV Ckt-3 Scheduled S/D from Madaripur 132/33kV end Due to ANNUAL MAINTENANCE.								
08:27	13:36	Madaripur 132/33kV S/S Gopalganj North CKT-04 Scheduled S/D Due to Annual maintenance								
08:28	16:48	Khagrachari-Rangamati 132kV Ckt-1 Scheduled S/D from Khagrachari 132/33kV end Due to Dead line checking and from Rangamati 132/33kV end Due to Annual maintenance								
08:30	15:47	Daudkandi-Sonargaon 132 kV Ckt-1 Scheduled S/D from Daudkandi 132/33kV end Due to For Deadline check propose Shutdown taken by NLDC and from Sonargaon 132/33kV end Due to Deadline checking.								
08:37	17:08	Cumilla(N)-Shahjibazar 230 kV Ckt-1 Scheduled S/D from Cumilla(N) 230/132/33kV end Due to Annual Maintenance of Shahjibazar 132 kV S/S								
08:38	17:05	Bibiayana-Shahjibazar 230 kV Ckt-1 Scheduled S/D from Bibiana 400/230kV end.								
08:55	14:27	Keraniganj(Nawabganj) 132kV Ckt-2 Scheduled S/D from Keraniganj 230/132/33kV end Due to Annual Maintenance Work								
09:16	12:27	Harpur 230/132kV S/S Auto TR-2 LT Forced S/D Due to Emergency High Temperature maintenance.								
09:18	12:27	Harpur 230/132kV S/S Auto TR-2 HT Forced S/D Due to Emergency High Temperature maintenance.								
09:39	18:14	Arimbazar-Kalabari 230kV Ckt-1 Scheduled S/D from Arimbazar 400/230/132kV end Due to Dead Line checking								
10:00	13:52	Cumilla(N) 230/132/33kV S/S 132kV T-04 HT Project Work S/D								
10:00	13:52	Cumilla(N) 230/132/33kV S/S 132kV T-04 LT Project Work S/D								
10:00	14:14	Savar 132/33kV S/S Bus-A Scheduled S/D Due to Red hot maintenance								
10:05	12:28	HVDC Bheramara-Ishwardi 230kV Ckt-3 Tripped from Ishwardi 230/132kV end showing SIEMENS SPROTEC (TSA2) REB REL670 relays Due to NO PERFECT REASON FOUND								
11:02	21:15	BSRM-Mirsharai 230 kV Ckt-2 Scheduled S/D from BSRM 230/33kV end Due to yearly Maintenance								
11:21	11:50	Mithapukur-Palashbari 132kV Ckt-1 Tripped from Mithapukur 132/33kV end showing 86A, 86B, 86L0 - Relay Operated relays Due to R-Phase & Y-Phase are O/C & E/F Air Block and from Palashbari 132/33kV end showing Distance Relay relays Due to Intermittent.								
11:43		Mirsarai 230/33kV S/S TR-1, 718T HT Project Work S/D Due to EGC WORK BUS								
12:00		Day peak generation is 10886 MW.								
12:24		Rohanpur-Niamatpur 132 kV ckt 1 and ckt 2 s/d due to project Work								
13:06	16:56	Sherpur 132/33kV S/S Transformer-01 HT Scheduled S/D Due to relay checking by SPMD.								
13:06	16:57	Sherpur 132/33kV S/S Transformer-01 LT Scheduled S/D Due to relay checking by SPMD.								
13:18	13:18	Agargaon 230/132kV S/S 150kV Transformer-1 (40271) HT is restored.								
13:21	13:21	Agargaon 230/132kV S/S 150kV Transformer-1 (40271) LT is restored.								
13:50	18:02	Niamatpur 132/33kV S/S 407T HT Project Work S/D Due to Niamatpur grid bus stability test								
13:50	18:02	Niamatpur 132/33kV S/S 407T LT Project Work S/D								
18:10		Siddhirganj 2120 MW GTPP GT-2 was shutdown.								
17:36		Naogaon-Nyamatpur 132kV Ckt-1 Project Work S/D from Niamatpur 132/33kV end Due to Rohanpur ckt -01 & 02 commissioning.								
17:43		Rohanpur-Niamatpur 132 kV ckt 1 s/n.								
17:47		Rohanpur-Niamatpur 132 kV ckt 2 s/n.								
17:55		Kamrangirchar 132/33kV S/S GT-3 LT is restored.								
17:55		Kamrangirchar 132/33kV S/S GT-3 HT is restored.								
19:00		Evening Peak Generation: 10,844 MW								
20:18		Choudhury-Feni 132 kV Ckt-2 is restored.								
20:37	22:01	Kushlia 132/33kV S/S T-1 HT Forced S/D Due to T1 33 kv source side CT R-Phase clamp Red hot Minimize.					30.0MM load interruption.			
20:37	22:02	Kushlia 132/33kV S/S T-1 LT Forced S/D Due to T1 33 kv source side CT R-Phase clamp Red hot Minimize.								
22:17		Bibiayana 400/230kV S/S Bibiyana-South (Back feed) Forced S/D Due to Maintenance								
00:06		Baghabari 230/132kV S/S PBEL(Generation Line) Scheduled S/D Due to Disconnected PBEL for expired of contract.								
00:20		Baroihat-Hathazari 132 kV Ckt-2 Scheduled S/D from Baroihat 132/33kV end Due to Bus maintenance at Hathazari ss.								
00:20		Baroihat-Hathazari 132 kV Ckt-1 Scheduled S/D from Baroihat 132/33kV end Due to Bus maintenance at Hathazari end.								
00:30		Julfah 132/33kV S/S 133/33 kV T-2 416T LT Forced S/D Due to 132/33kV TR-02 "Y" phase CT connector Red hot Maintenance work.								
00:30		Julfah 132/33kV S/S 133/33 kV T-2 416T HT Forced S/D								
00:38		Rajendrapur 132/33kV S/S MTR-1 LT Tripped showing 81U-1 Underfrequency Prot trip (REF630 Digital Relay) relays Due to 81U-1 Underfrequency Prot trip					28.0MM load interruption.			
00:38		Gopalganj 400/132kV S/S 132kV Madaripur Ckt-4 Tripped showing Lock out relay relays Due to Over voltage								
00:38		Madaripur 132/33kV S/S Gopalganj North CKT-04 Tripped showing Over voltage, trip-ABC relays Due to Over Voltage								
00:38		Kamrangirchar 132/33kV S/S Bus-2 Scheduled S/D Due to To do maintenance & renovation work at 132kV bus coupler isolator and GT3 isolator.								
00:38		Kamrangirchar-Latbag 132kV Ckt-1 Scheduled S/D from Kamrangirchar 132/33kV end Due to To do maintenance & renovation work at 132kV bus coupler isolator and GT3 isolator.								
00:38		Rajendrapur 132/33kV S/S MTR-2 LT Tripped showing 81U-1 Underfrequency Prot trip(REF630 Digital Relay) relays Due to 81U-1 Underfrequency Prot trip								
00:38		Kamrangirchar 132/33kV S/S GT-3 HT Scheduled S/D Due to To do maintenance & renovation work at 132kV bus coupler isolator and GT3 isolator.								
00:38		Kamrangirchar 132/33kV S/S GT-3 LT Scheduled S/D Due to To do maintenance & renovation work at 132kV bus coupler isolator and GT3 isolator.								
00:39		Barisal 307 MW Tripped								
00:44		Barisal-341 MW CAPP (Summit) Tripped								
00:44	00:44	Rajshahi 132/33kV S/S Transformer-1 LT Tripped showing No relay relays Due to SCADA operation by NLDC								
00:44	00:44	Kamrangirchar-Keraniganj 132kV Ckt is restored.								
00:44	00:44	Kamrangirchar 132/33kV S/S Bus-1 is restored.								
07:00		Bibiayana-III 400 MW CAPP Synchronized with remarks- GT								
07:42		Sraigang 132/33kV S/S T2(425) LT Scheduled S/D Due to T1-T2 bus coupler modification by PBS								
07:43		Sraigang 132/33kV S/S T2(425) HT Scheduled S/D Due to T1-T2 bus coupler modification by PBS								
07:43	06:44	Rajshahi 132/33kV S/S Transformer-1 LT Tripped showing No relay relays Due to SCADA operation by NLDC								
06:44	06:44	Kamrangirchar-Keraniganj 132kV Ckt is restored.								
06:44	06:44	Kamrangirchar 132/33kV S/S Bus-1 is restored.								
07:00		Bibiayana-III 400 MW CAPP Synchronized with remarks- GT								
07:42		Sraigang 132/33kV S/S T2(425) LT Scheduled S/D Due to T1-T2 bus coupler modification by PBS								
07:43		Sraigang 132/33kV S/S T2(425) HT Scheduled S/D Due to T1-T2 bus coupler modification by PBS								
06:44	06:44	Kamrangirchar-Keraniganj 132kV Ckt is restored.								
06:44	06:44	Kamrangirchar 132/33kV S/S Bus-1 is restored.								
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07:42		Sraigang 132/33kV S/S T2(425) LT Scheduled S/D Due to T1-T2 bus coupler modification by PBS								
07:43		Sraigang 132/33kV S/S T2(425) HT Scheduled S/D Due to T1-T2 bus coupler modification by PBS								
07:46		Arimbazar-Meghnath 230kV Ckt-1 Scheduled S/D from Arimbazar 400/230/132kV end Due to OPGW maintenance								
07:52		Ishwardi 132/33kV S/S 132 kV Baghabari Line Project Work S/D Due to project work								
Sub Divisional Engineer Network Operation Division		Executive Engineer Network Operation Division				Superintendent Engineer Load Dispatch Circle				