

POWER GRID COMPANY OF BANGLADESH LTD.									
NATIONAL LOAD DESPATCH CENTER									
DAILY REPORT									
				Reporting Date :		14-Jun-23			
Till now the maximum generation is :-				15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's				13-Jun-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :				12230.0 MW		Hour 12:00		Min. Gen. at 7:00	
Evening Peak Generation :				13439.0 MW		Hour 21:00		Available Max Generation :	
E.P. Demand (at pen end) :				14400.0 MW		Hour 21:00		Max Demand (Evening) :	
Maximum Generation :				13439.0 MW		Hour 21:00		Reserve(Generation end)	
Total Gen. (MKWH) :				287.0		System Load Factor - 88.97%		Load Shed :	
Export from East grid to West grid :- Maximum				630 MW		at 21:00		Energy	
Import from West grid to East grid :- Maximum				-		at -		Energy	
Actual :				Water Level of Kaptai Lake at 6:00 A.M on 73.24		14-Jun-23		Rule curve : 79.41 Ft.(MSL)	
Gas Consumed :				Total = 1226.58 MMCFD.		Oil Consumed (POB) :		HSD : FO :	
Cost of the Consumed Fuel (POB+Pvt) :				Gas : Tk173,684,234		Coal : Tk39,146,556		Oil : Tk843,348,725	
				Total : Tk1,056,179,515					
Load Shedding & Other Information									
Area				Yesterday		Estimated Demand (S/S end)		Today	
				MW		MW		Estimated Shedding (S/S end)	
				MW		MW		Rates of Shedding (On Estimated Demand)	
Dhaka				180		0.00		5084	
Chittagong Area				170		0.00		1400	
Khulna Area				100		0.00		1962	
Rajshahi Area				140		0.00		1706	
Cumilla Area				48		0.00		1404	
Mymensingh Area				110		0.00		1044	
Sylhet Area				20		0.00		585	
Barisal Area				0		0.00		488	
Bangor Area				150		0.00		954	
Total				918		14927		9	
Information of the Generating Units under shut down.									
Planned Shut-Down					Forced Shut-Down				
					1) Barapukuria ST: Unit-2				
					2) Ghorasal-3,7				
					3) Bhula Nuton Baddut ST				
					4) Baghabari-71,100 MW				
					5) Racan unit-2				
					6) Siddhesan 210 MW .				
					7) Shalabazar 330 MW .				
Additional Information of Machines, lines, Interruption / Forced Load shed etc.									
Outage		Restore							
Time		Time							
		08:26		Barishal 230/132kV S/S T-5 HT is restored.					
		08:27		Barishal 230/132kV S/S T-4 LT is restored.					
		08:47		Khulna (C) S/S TR-1 425T HT is restored.					
		08:48		Khulna (C) S/S TR-1 425T LT is restored.					
		08:54		Rajshahi 132/33kV S/S Transformer T-1(405T) HT is restored.					
		08:55		Rajshahi 132/33kV S/S 33 kv T-1 Bus is restored.					
		08:55		Rajshahi 132/33kV S/S Transformer T-1(405T) LT is restored.					
		08:56		Rajshahi 132/33kV S/S Transformer T-2(415T) HT is restored.					
		08:58		Rajshahi 132/33kV S/S 33 kv T-2 Bus is restored.					
		08:58		Rajshahi 132/33kV S/S Transformer T-2(415T) LT is restored.					
		09:06		Rajshahi 132/33kV S/S Transformer T-3 (425T) HT is restored.					
		09:07		Rajshahi 132/33kV S/S 33 kv T-3 Bus is restored.					
		09:09		Rajshahi 132/33kV S/S Transformer T-3 (425T) LT is restored.					
		09:16		Mankaganj 132/33kV S/S Cap. Bank -1 is restored.					
		09:20		Mankaganj 132/33kV S/S Cap. Bank -2 is restored.					
		09:41		Khulna 330 MW CCPP (OIL) GT was sync.					
		10:30		Mankaganj 132/33kV S/S Cap. Bank -1 Forced S/D Due to Emergency maintenance (redhot)					
		10:30		Mankaganj 132/33kV S/S Cap. Bank -2 Forced S/D Due to Emergency maintenance (redhot)					
		11:20		Sherpur 132/33kV S/S Transformer-03 LT Tripped showing Over current and Earth fault relays Due to it was raining heavily outside. During this time huge flashing shown in spbs switchyard. DC supply Fail of all control and relay panel in PBS control room.					
		12:46		Day Peak Generation = 12,230MW					
		12:00		Dhamrai 132/33kV S/S Transformer-1 LT Scheduled S/D Due to SPMD Work					
		12:09		Dhamrai 132/33kV S/S Transformer-1 HT Scheduled S/D Due to SPMD Work					
		12:10		Purbasadipur 132/33kV S/S T-3 Transformer (403T) LT Tripped showing O/C B-ph relays Due to 33 kv Uposohor feeder LA blust					
		13:06		Purbasadipur 132/33kV S/S T-1 Transformer (403T) HT Tripped showing E/F relays Due to 33 kv Uposohor feeder LA blust					
		13:06		Purbasadipur 132/33kV S/S T-1 Transformer (403T) LT Tripped showing E/F relays Due to 33 kv Uposohor feeder LA blust					
		13:06		Dhamrai 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Testing by SPMD					
		14:36		Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Testing by SPMD					
		15:07		Siddiroani CCPP 335MW ST tripped.					
		15:26		Feni 132/33kV S/S T-2(415T) HT Forced S/D Due to 33 kv Station supply Y-Phase fault . s/down taken BPDB					
		16:12		Narail 132/33kV S/S TR1 (403-T) LT Scheduled S/D Due to Red hot Maintenance work by PBS					
		16:13		Narail 132/33kV S/S TR1 (403-T) HT Scheduled S/D Due to Red hot Maintenance work by PBS					
		16:17		Barishal-Bhandaria 132 kv Ck-1 Tripped from Barishal 132/33kV end showing Distance protection relay relays Due					

			to Bad Weather. Wind flow		Barishal 132/33kV end
	17:12		Madanqari 132/33kV S/S Madanqari- Shilakhya 132 kv Ckt is restored.		
	17:14		Madanqari-Shilakhya 132kV ckt-1 is restored.		
18:18	18:34		Narail 132/33kV S/S TR2 (413-T) HT Tripped showing Micomp132 relays Due to PBS 33 KV Feeder No-05, ABN Fault.		5.0MW load interrup.
18:18	18:38		Narail 132/33kV S/S TR1 (403-T) LT Tripped showing Micomp132 relays Due to PBS 33 KV Feeder No-05, ABN Fault.		5.0MW load interrup.
18:18	18:36		Narail 132/33kV S/S TR2 (413-T) LT Tripped showing Micomp132 relays Due to PBS 33 KV Feeder No-05, ABN Fault.		5.0MW load interrup.
18:18	18:37		Narail 132/33kV S/S TR1 (403-T) HT Tripped showing Micomp132 relays Due to PBS 33 KV Feeder No-05, ABN Fault.		5.0MW load interrup.
18:50	19:56		Khulna (S)-Sakhira 132kV Ckt-1 Tripped from Khulna(S) 230/132kV end showing Distance relay relays Due to None and from Sakhira 132/33kV end showing Distance Relay trip relays Due to Line-2 R phase CT failure		32.0MW load interrup.
					Khulna(S) 230/132kV end and 10.0MW load interrup.
18:50			Khulna (S)-Sakhira 132kV Ckt-2 Tripped from Khulna(S) 230/132kV end showing distance relay relays. and from Sakhira 132/33kV end showing E/F from Khulna south side s/s relays Due to Line-2 R phase CT failure		Sakhira 132/33kV end.
					32.0MW load interrup.
19:24			Sirajgoni Unit-1 ST tripped.		Khulna(S) 230/132kV end and 10.0MW load interrup.
19:40			Adani Power Jharkhand Ltd. unit-2 was forced shutdown due to boiler tube leakage.		75.0MW generation interrup.
19:42			Gopaldani 132/33kV S/S T1 LT Tripped showing E/E & O/C relays Due to E/F O/C-677 (PBS-6 Federal CB blast)		25.0MW load interrup.
19:42	20:09		Gopaldani 132/33kV S/S T2 LT Tripped showing E/E & O/C relays Due to E/E & O/C (PBS-6 CB blast)		25.0MW load interrup.
19:42			Gopaldani 132/33kV S/S T1 HT Tripped showing E/E & O/C relays Due to E/E & O/C (PBS-6 CB blast)		25.0MW load interrup.
20:33			Siddirganj CCGP 3350MW ST was sync.		
21:00			Evening peak Generation: 13439 MW load shed about 918 MW		
21:56			Siddirganj CCGP 3350MW tripped.		
22:00			Siddirganj CCGP 3350MW GT was sync.		
22:29	22:14		Ashuani-Brahmanbaria 132kV Ckt-2 is restored.		
22:36	23:58		Sylhet 132/33kV S/S T4 LT Tripped showing 51/50 (O/C) relays Due to Over Load		
23:02			Siddirganj CCGP 3350MW ST was sync.		
23:03			Auxiliary trip at Rohonpur 400/132 KV S/S.		
23:13			Boora-Adani 400 KV line trip at Boora side.		
23:17			Rohonpur-Adani 400 KV line CB open Adani side same time auto open CB Rohonpur side.		
23:20	00:41		Capainawbarani-Rajshahi 132 KV CB closed at Capainawbarani		
23:20			Sonargaon 132/33kV S/S T1-1 HT Forced S/D Due to 33 KV Incoming DS R phase lower point redhot		62.0MW load interrup.
23:20			Sonargaon 132/33kV S/S T1-1 LT Forced S/D Due to 33 KV Incoming DS R phase lower point redhot		62.0MW load interrup.
23:22	23:40		Niamatpur 132/33kV S/S 426T LT Tripped showing Micom P-127 relays Due to stormy rain.		16.0MW load interrup.
23:26			T-400/132 KV, 132 KV CB open.		
23:32			T-400/132 KV, 132 KV CB close.		
23:32			Rohonpur-Adani 400 KV line CB Close Rohonpur side.		
23:34			Kulgarani 132/33kV S/S Capacitor Bank Tripped showing ABB SPAJ 160C relays Due to 132 kV Capacitor bank R phase Cell bushing blasted		
23:52			Rohonpur-Adani 400 KV line CB open Rohonpur side.(V-high)		
23:52			Adani-Boqura(W) 400kV ckt tripped at 23:03 hrs and was switched on at 23:52 hrs. Full load interruption occurred under Chabainawbarani and Amnura end SS due to this.		
23:52			Boqra-Adani 400 KV line syn at Boqra side.		
23:59			Rohonpur-Adani 400 KV line CB closed Rohonpur side.		
00:01			132 KV Buscaplar closed at Amnura 132 KV S/S.		
00:25	00:45		Niamatpur 132/33kV S/S 417T LT Tripped showing SIEMENS relays Due to B phase pole of Deluabari 33KV feeder breaker broken		15.0MW load interrup.
02:16	02:45		Niamatpur 132/33kV S/S 417T LT Forced S/D Due to 33 KV Deluabari feeder R-phase LA burst.		3.0MW load interrup.
06:12	07:00		Ashuani-Sreepur 230 KV Ckt-2 Tripped from Ashuani 230/132/33kV and showing 1 General trip 2 Distance trip R-phase. 3 Zone-1 cold 4 Auto Reclose blocked. relays Due to Rainy weather		
06:13	07:00		Sreepur 230/132/33kV S/S Sreepur-Ashuani Ckt-2 Tripped showing R- phase distance relay relays Due to R- phase distance relay tripped at zone-1 (45.2 km)		
06:22			Kaliyapur 132/33kV S/S GT-1 (132kV) HT Scheduled S/D Due to Corrective Maintenance		
07:00			Adani Power Jharkhand Ltd. unit-1 was sync.		
07:00			minimum generation 10443 MW		
07:07			Aminbazar-Mirpur 132kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Red hot maintenance		
07:17			Boqura-Natore 132 kV Ckt-1 Scheduled S/D from Natore 132/33kV end Due to T L maintenance. and from Boqura 132/33kV end Due to For Work from natore End		
07:29			Chaoal 132/33kV S/S T-3 (425T) HT Scheduled S/D Due to breaker SFS oas leasekoe		
07:35			Sirajgoni 210MW Unit-1 ST was sync.		
Sub Divisional Engineer Network Operation Division			Executive Engineer Network Operation Division	Superintendent Engineer Load Despatch Circle	