

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

Reporting Date : 24-May-24

Till now the maximum generation is :-

The Summary of Yesterday's		23-May-24		16477.0		Generation & Demand		21:00 Hrs on 30-Apr-24		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		14166.0	MW	Hour :	12:00	Min. Gen. at	8:00			11969	
Evening Peak Generation :		16067.0	MW	Hour :	21:00	Available Max Generation				16376	
E.P. Demand (at gen end) :		16400.0	MW	Hour :	21:00	Max Demand (Evening) :				15500	
Maximum Generation :		16067.0	MW	Hour :	21:00	Reserve(Generation end)				876	
Total Gen. (MKWH) :		343.464		System Load Factor	89.07%	Load Shed				0	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR										
Export from East grid to West grid :-	Maximum					238	MW	at	23:00	Energy
Import from West grid to East grid :-	Maximum									Energy

Actual :	Water Level of Kaptai Lake at 6:00 A M on 71.99	FL(MSL) :	24-May-24	Rule curve :	77.60	FL (MSL)	
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Gas Consumed :	Total =	1242.27	MMCFD.	Oil Consumed (PDB) :			
				HSD :			
				FO :			

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk471,889.295		Coal :	Tk572,029.147		Oil :	Tk1,181,738.852	Total :	Tk2,225,657.294
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Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		Estimated Shedding (S/S end)	MW	
Dhaka	100	0:00	5342		0	0%	
Chittagong Area	0	0:00	1473		0	0%	
Khulna Area	0	0:00	2064		0	0%	
Rajshahi Area	0	0:00	1795		0	0%	
Cumilla Area	35	0:00	1477		0	0%	
Mymensingh Area	150	0:00	1099		0	0%	
Sylhet Area	0	0:00	615		0	0%	
Barisal Area	0	0:00	513		0	0%	
Rangpur Area	33	0:00	1004		0	0%	
Total	318		15384		0	0%	

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST- Unit- 2
	2) Ghorasal-3,4,7
	3) Shajibazar 330 MW
	4) Baghabari-100 MW
	5) Raazan unit-2
	6) Siddhirganj 210 MW .

Outage

Time	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:16	08:37	Aminbazar 400/230/132kV S/S 132 kv Bus 01 Scheduled S/D	
	08:37	Rangraj 132/33kV S/S Transformer -02 HT is restored.	
	08:37	Rangraj 132/33kV S/S Transformer -02 LT is restored.	
08:45	20:08	Sikalbaha 225MW CAPP Tripped.	
09:15	22:07	Siddhirganj 132/33kV S/S 120MW EGCB GT2 Forced S/D Due to Maintenance work by EGCB .	
09:29	22:07	Sreepur 220/132/33kV S/S Sreepur-Ashuganj Ckt-2 Scheduled S/D Due to Project Work.	
10:55	12:20	Khulna(S) 230/132kV S/S 230 KV Main Bus 1 Project Work S/D.	
11:08	12:54	Mithapukur 132/33kV S/S BUS SECTION-1 (33KV) Forced S/D Due to Maintenance work.	
11:10	12:25	Haripur-Sonargaon 132kV Ckt-1 Scheduled S/D from Sonargaon 132/33kV end Due to Corrective maintenance of R phase CT and from Haripur 230/132kV end Due to Another side by NLDC.	
11:10	12:24	Mithapukur 132/33kV S/S TR-(404T) LT Forced S/D Due to Maintenance work.	
11:13	12:41	Mithapukur 132/33kV S/S TR-(404T) HT Forced S/D Due to Maintenance work.	
14:55	16:23	Bhaluka 132/33kV S/S BR Powergen Ckt- 02 is restored.	
14:55	16:23	Gopalganj 400/132kV S/S ATR-01 HT Project Work S/D	
16:20	16:59	Kurigram 132/33kV S/S Capacitor Bank Tripped showing Unbalance Current Relay(SPAJ-160C), Trip Relay(MVAJ-2). Relays.	
16:26	17:35	Gopalganj 400/132kV S/S ATR-02 HT Project Work S/D	
16:26	17:35	Gopalganj 400/132kV S/S ATR-02 LT Project Work S/D	
17:16	17:35	Gopalganj 400/132kV S/S ATR-03 HT Project Work S/D	
17:16	17:35	Gopalganj 400/132kV S/S ATR-03 LT Project Work S/D	
	17:57	Ishurid 132/33kV S/S 132 kv Baghabari Line is restored.	
	18:04	Fatullah-Madanganj 132 kv Ckt-2 is restored.	
	18:04	Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt is restored.	
22:21	23:38	Chaudagram 132/33kV S/S 132 kv T-1 LT Forced S/D Due to Red hot in 33 Kv incomer breaker DS.	40 MW load interrup.
	22:25	Siraiganj Unit-1 GT was sync.	
22:29	22:29	Bheramara 410 MW ST was shutdown.	
	22:29	Bheramara 410 MW CAPP Shutdown with remarks:- ST	
22:32		Bheramara 410 MW GT was shutdown.	
22:32		Bheramara 410 MW CAPP Shutdown with remarks:- GT	
22:33	23:38	Chaudagram 132/33kV S/S 132 kv T-1 HT Forced S/D Due to 33 kv DS Red Hot.	
		Khulna South S/S - Rupsha P/S (NWPGL-800 MW) 230 kv ckt-1 charge From Khulna South S/S.	
23:34	00:28	Siraiganj 132/33kV S/S Sherpur-2 Tripped showing Distance Relay C phase, CB1 A/R Fail. relays.	
	23:37	Adani Power Jharkhand Ltd. Unit-1 was sync.	
23:45	00:27	Siraiganj 132/33kV S/S Sherpur-1 Tripped showing Distance Relay C phase, AIDED Trip, CB1 A/R lockout relays.	
02:38	07:34	Rampura 230/132kV S/S Auto Transformer - 04 HT Tripped showing ATR4-1+R panel : SIPROTEC 7UT86 - a) General Trip, b) Phase-A,B,C Trip, c) 87T Diff>Trip, d) 33kV protection : TV-50/51 relays Due to Due to Auxillary transformer fault.	
02:38	07:35	Rampura 230/132kV S/S Auto Transformer - 04 LT Tripped showing No relays Due to Due to auxillary transformer fault.	
05:29		Rampur 230/132/33 S/S Khulshi-1 Scheduled S/D Due to Khulshi grid busbar maintenance work.	
05:29		Rampur 230/132/33 S/S Khulshi-2 Scheduled S/D Due to Khulshi grid busbar maintenance work.	
05:34		AKSML-Khulshi 132kV Ckt-1 Project Work S/D from AKS 132/33kV end Due to project works for Khulshi S/S demand.	
05:43		Halishahar 132/33kV S/S Halishahar-Khulshi-Ckt-3 Scheduled S/D Due to Due to bus shutdown at khulshi s/s end.	
05:54		Siraiganj 132/33kV S/S Main Bus Project Work S/D Due to 68 MW Soler new 132kv bus is connected 132 KV main bus.	
05:57	06:15	AKSML-Baraoulia 132kV Ckt-1 Tripped from AKS 132/33kV end showing no relay operates relays Due to CB Tripped by Baraoulia end. AKSPL End no tripping.	100 MW load interrup. 1 MW load interrup in AKS 132/33 kV end.
05:58		Bakulia-Khulshi 132 kv Ckt-1 Project Work S/D from Bakulia 132/33kV end Due to 132kV Bus Shutdown at Khulshi Grid SS.	
06:24		Juddah-Shahmirpur 132kV Ckt-2 Project Work S/D from Juddah 132/33kV end Due to shahmirpur bus S/D.	
06:25		Juddah-Shahmirpur 132kV Ckt-1 Project Work S/D from Juddah 132/33kV end Due to shahmirpur bus S/D.	
06:28		Shahmirpur-Sikalbaha 132kV Ckt-2 Scheduled S/D from Shikalbaha 230/132kV end.	
06:48		Shahmirpur 132/33kV S/S Bus-1 Project Work S/D Due to Breaker change of Sikalbaha Ckt-1 by GTG project work.	45 MW load interrup.
06:49		Baghabari-Siraiganj 230 kv Ckt-1 Project Work S/D from Baghabari 230/132kV end Due to RNPP project work.	
07:01		Baghabari-Siraiganj 230 kv Ckt-2 Project Work S/D from Baghabari 230/132kV end Due to RNPP project work.	
07:05		Bogura(New)-Naogaon 132 kv Ckt-1 Scheduled S/D from Bogura 230/132kV end. and from Naogaon 132/33kV end Due to Project work.	
07:41		Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt Scheduled S/D Due to new tower erection.	
06:41		Shahmirpur-Sikalbaha 132kV Ckt-1 Scheduled S/D from Shikalbaha 230/132kV end Due to Bus-Shut down at Shahmirpur End.	
06:47		Aminbazar-Kaliakoir 230kV Ckt-1 Scheduled S/D from Kaliakoir 400/230/132kV end Due to BY NLDC	
06:48		Aminbazar-Kaliakoir 230kV Ckt-2 Scheduled S/D from Kaliakoir 400/230/132kV end Due to BY NLDC	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle