POWER GRID COMPANY OF BANGLADESH LTD. CENTRAL LOAD DESPATCH CENTER, LDC, DHAKA DAILY REPOR

QF-LDC-08 Page -1

KWHR

Liter

Reporting Date : 29-Apr-09 Till now the maximum generation is: - MW at The Summary of Yesterday's () Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand 9:00 3582 MW Day Peak Generation MW Min Gen. at 3690.0 Hour 7:00 Evening Peak Generation 3695 MW MW 19:00 Max Generation Hour E.P. Demand (at gen end) 5050.0 MW Hour 19:00 Max Demand 5050 MW Maximum Generation 3752.6 MW Hour 24:00 Shortage 1355 MW Total Gen. (MKWH) 94.64% Load Shed 1105 MW 85.24 EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR Export from East grid to West grid :- Maximum 570 MW at 2:00 Energy 12857500 KWHR.

MW

Oil Consumed (PDB):

Import from West grid to East grid :- Maximum Water Level of Kaptai Lake at 6:00 A M of 29-Apr-09 Actual: 75.06 Rule curve

MMCFt.

Ft.(MSL) 82.40 Ft.(MSL)

> HSD 553290 Liter FO 0 Liter

0

Energy

SKO

Cost of the Consumed Fuel (PDB) :

Load Shedding & Other Information

778.54

Gas Consumed: Total

Area	Yesterday		Today		
	Actual She	edding (s/s end), MW	Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
generation shortage at (19:00)			MW	MW	(On Estimated Demand)
Dhaka	309	(18:15 -cont'd, gen. shortage)	1723	361	21%
Chittagong Area	153	(18:15 -cont'd, gen. shortage)	470	153	33%
Khulna Area	154	(18:15 -cont'd, gen. shortage)	438	143	33%
Rajshahi Area	151	(18:15 -cont'd, gen. shortage)	434	141	32%
Comilla Area	99	(18:15 -cont'd, gen. shortage)	291	95	33%
Mymensing Area	86	(18:15 -cont'd, gen. shortage)	246	80	33%
Sylhet Area	34	(18:30-06:00, gen. shortage)	180	21	12%
Barisal Area	24	(18:15 -cont'd, gen. shortage)	89	29	33%
Rangpur Area	83	(18:15 -cont'd, gen. shortage)	250	82	33%
		(
Total	1093	19:00	4121	1105	

Information of the Generating machines under maintenance

Planned Shut- Down	Forced Shut- Down		
1) Khulna 60 MW (05/07/06)	1) Kaptai- 3 (19/04/08)	9) NEPC -1,2 (11/04/09)	
	2) Shajibazar-2 (13/07/08)	10) Barapukuria unit -2 (21/04/09).	
	3) Shajibazar-4 (18/10/08)	11) Roazan-2 (27/04/09)	
	4) Ghorasal-1 (30/09/08)		
	5) Sikalbaha Barge (19/06/08)		
	6) Sikalbaha St-(24/12/08)		
	7) Khulna 110 (31/03/09)		
	8) NEPC -4 (20/03/09)		

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

Description Forced load shaded / Interrupted Areas

- a) There was generation shortage in the evening peak hour yesterday.
- b) Due to gas pressure low, RPCL (175 MW), Siddhirganj (190 MW), Tongi GT (100 MW), Baghabari GT-1(71 MW), GT-2 (100 MW) and Haripur Power Co. Ltd. (360 MW) were limited to 105 MW, 120 MW, 70MW,50MW, 45MW and 261MW respectively.
- c) Due to gas limitation, Shahjibazar -2, 3, 5 are under shut down.
- d) Due to low water level, Kaptai 2 & 5 are under shut down.
- e) Baghabari GT-1 (71 MW) tripped at 21:15 due to gas pressure low and was synchronized at 04:21(29/04/09)
- f) Bheramara GT-2 tripped at 22:37 due to leakage of high pressure filter pipe line. It may be synchronized before evening peak hour today.
- g) Ashuganj CCPP GT-2 was shut down at 05:55(29/04/09) due to combustion inspection.
- h) Haripur Comilla (N) 132 KV line -1 & 2, Noapara 132/33 KV T1 transformer and Khulna (S) 230/132 KV T1 transformers were under shut down from 08:28 to 11:44, 11:52 to 14:40, 08:29 to 15:35 and 09:46 to 14:37 respectively due to NLDC project work.
- i) After annual maintenance, Fenchuganj 132/33 KV T2 transformer was switched on at 16:08. Again T1 transformer is under shut down since 07:55(29/04/09) due to the same reason.
- j) Maniknagar Bangabhaban 132 KV U/G line -2 tripped at 11:45 from Maniknagar end showing 'Pilot wire prot and main prot. Trip' and was switched on at 14:40.
- k) Chowmuhani 132/33 KV T1 transformer was under shut down from 21:50 to 22:50 due to red-hot maintenance of Y-phase bus isolator.

So about 1093 MW (19:00) of load shed was imposed over the whole area of the national grid.

Due to generation shortage and MVAR problem, about 450 MW (09:00) of load shed has been running since morning (29/04/09) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager Load Despatch Division Manager Load Despatch Division Deputy General Manager Load Despatch Circle