

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

OF-LDC-08
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Till now the maximum generation is :-

6065.5 MW at

19:30:00 PM Hrs

Reporting Date : 23-Apr-12
on 22-Mar-12

| The Summary of Yesterday's (22-Apr-12) | | Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | | | |
|------------------------------------------|--------|---------------------|--------|--------------------------------------------------|-------------------|------|----|
| Day Peak Generation : | 4099.0 | MW | Hour : | 9:00 | Min. Gen. at 8:00 | 4205 | MW |
| Evening Peak Generation : | 5127.0 | MW | Hour : | 21:00 | Max Generation : | 5081 | MW |
| E.P. Demand (at gen end) : | 5900.0 | MW | Hour : | 21:00 | Max Demand : | 5900 | MW |
| Maximum Generation : | 5127.0 | MW | Hour : | 21:00 | Shortage : | 819 | MW |
| Total Gen. (MKWH) : | 103.03 | System L/ Factor : | | 85.41% | Load Shed : | 721 | MW |

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

| | | | | | | |
|-----------------------------------------------------|------------|--------------|---------|------------|--------|--------|
| Export from East grid to West grid :- Maximum | 930 | MW | at 2:00 | Energy | 22.704 | MKWHR. |
| Import from West grid to East grid :- Maximum | - | MW | at - | Energy | - | MKWHR. |
| Water Level of Kaptai Lake at 6:00 A M on 23-Apr-12 | | | | | | |
| Actual : 76.13 | Ft.(MSL) , | Rule curve : | 83.60 | Ft.(MSL) | | |

| | | | | |
|----------------------|--------|--------|----------------------|-------------|
| Gas Consumed : Total | 913.27 | MMCFD. | Oil Consumed (PDB) : | HSD : Liter |
| | | | | FO : Liter |

| | | | | |
|---------------------------------------|--------------------|---------------------|--------------------|-----------------------|
| Cost of the Consumed Fuel (PDB+Pvt) : | Gas : Tk72,928,253 | Coal : Tk18,294,524 | Oil : Tk98,096,966 | Total : Tk189,319,743 |
|---------------------------------------|--------------------|---------------------|--------------------|-----------------------|

Load Shedding & Other Information

| Area | Yesterday | | Today | | |
|-----------------|-----------|----------------|-----------------------------------------------------|--------------------------------------------------------|--------------------------------------------|
| | MW | | Estimated Demand(s/s end) from 18:30 to 19:00 MW | Estimated Shedding (s/s end) from 18:30 to 19:00 MW | Rates of Shedding (On Estimated Demand) |
| Dhaka | 246 | 18:30-Till now | 1980 | 219 | 11% |
| Chittagong Area | 76 | 18:30-Till now | 567 | 92 | 16% |
| Khulna Area | 87 | 18:30-Till now | 568 | 91 | 16% |
| Rajshahi Area | 78 | 18:30-Till now | 618 | 100 | 16% |
| Comilla Area | 55 | 18:30-Till now | 392 | 64 | 16% |
| Mymensing Area | 41 | 18:30-Till now | 341 | 55 | 16% |
| Sylhet Area | 41 | 18:30-22:30 | 280 | 28 | 10% |
| Barisal Area | 14 | 18:30-Till now | 118 | 19 | 16% |
| Rangpur Area | 42 | 18:30-01:15 | 330 | 53 | 16% |
| Total | 680 | 21:00 | 5194 | 721 | |

Information of the Generating machines under shut down.

| Planned Shut- Down | Forced Shut- Down |
|--------------------------------|-----------------------------------|
| 1) Haripur SBU GT-3 (18/06/09) | 1) Ghorasal 6(18/07/10) |
| 2) Ghorasal 2(26/04/10) | 09) Khulna-110 MW(7/11/11) |
| 3) Kaptai #3 (1/12/10) | 2) Ashuganj-1(09/11/10) |
| | 10) Ashuganj CCPP GT2(18/4/12) |
| | 3) Khulna-60 MW(24/1/12) |
| | 11) Ashuganj CCPP GT1(22/4/12) |
| | 4) WMPL #2(1/8/11) |
| | 12) Ashuganj-1(22/4/12) |
| | 5) Baghabari-71 MW(6/3/12) |
| | 6) Siddhirganj ST 210 MW (1/8/11) |
| | 7) Ashuganj CCPP ST(9/4/12) |
| | 8) Shahjibazar #5 & 6(21/7/11) |

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

| Description | Forced load shaded / Interrupted Areas |
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| <p>a) There was generation shortage in the evening peak hour yesterday.</p> <p>b) Due to low gas pressure Siddhirganj 210 MW & Tongi 105 MW were limited to 102 MW 90 MW respectively.</p> <p>c) Tangail 33 kV Bus-2 shut down at 10:40 due to red hot maintenance and was switched on at 11:33.</p> <p>d) Jamalpur 132/33 kV T1 & T2 transformer tripped at 13:03 showing lock out, E/F & O/C relays and was switched on at 13:06.</p> <p>e) Rampura-Haripur 230 kV Ckt-2 was shut down at 13:53 due to removing of GL wire and was switched on at 14:05.</p> <p>f) Comilla-Chandpur 132 kV Ckt tripped at 17:39 showing directional O/C relay and was switched on at 17:42.</p> <p>g) Feni-Chawmohani 132 kV Ckt-2 tripped at 17:40 showing inst. O/C relay and was switched on at 17:48.</p> <p>h) Barisal 132/33 kV T1 & T2 transformers tripped at 19:27 showing E/F relay and was switched on at 19:35.</p> <p>i) Ghorasal-Joydevpur 132 kv Ckt-2 tripped at 22:10 showing remote protection and was switched on at 22:20.</p> <p>j) Kabirpur-Joydevpur 132 kv Ckt-1 & 2 tripped at 22:07 showing 67N, dist. Zone-1 and was switched on at 22:12.</p> <p>k) After maintenance Ghorasal #1 was synchronized at 01:15(23/4/12).</p> | <p>So about 680 MW (21:00) of load shed was imposed over the whole areas of the national grid .</p> <p>Due to generation shortage, about 402 MW (09:00) of load shed has been running since morning (23/04/12) over the whole area (except Sylhet) of the national grid.</p> |
| Deputy / Asstt. Manager Network Operation Division | Manager Network Operation Division |
| | Deputy General Manager Load Despatch Circle |