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

QF-LDC-08
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Reporting Date : 23-May-19

**Till now the maximum generation is : -** **12539 MW** **21:00 Hrs on 21-May-19**

| **The Summary of Yesterday's** | 22-May-19 | **Generation & Demand** | | **Today's Actual Min Gen. & Probable Gen. & Demand** | | |
|---|---|---|---|---|---|---|
| Day Peak Generation : | 9446.2 MW | 12:00 | | Min. Gen. at | 6:00 | 5481 MW |
| Evening Peak Generation : | 12259.0 MW | 19:30 | | Available Max Generation : | | 15081 MW |
| E.P. Demand (at gen end) : | 12259.0 MW | 19:30 | | Max Demand (Evening) : | | 11800 MW |
| Maximum Generation : | 12259.0 MW | 19:30 | | Reserve(Generation end) | | 3281 MW |
| Total Gen. (MKWH) : | 248.8 | System Load Factor : | 84.56% | Load Shed : | | 0 MW |

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

| | | | | | | |
|---|---|---|---|---|---|---|
| Export from East grid to West grid :- Maximum | -300 | MW | at | 19:30 | Energy | 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-May-19
Actual : 72.10 Ft.(MSL) , Rule curve : 77.80 Ft.( MSL )

Gas Consumed : Total = 1288.43 MMCFD. Oil Consumed (PDB) :
HSD : Liter
FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) : **Gas :** Tk109,293,844
**Coal :** Tk18,761,530 Oil : Tk441,485,806 Total : Tk569,541,180

**Load Shedding & Other Information**

| Area | Yesterday | | Today | | |
|---|---|---|---|---|---|
| | | | Estimated Demand (S/S end) | Estimated Shedding (S/S end) | Rates of Shedding |
| | MW | | MW | MW | (On Estimated Demand) |
| Dhaka | 0 | 0:00 | 4184 | 0 | 0% |
| Chittagong Area | 0 | 0:00 | 1425 | 0 | 0% |
| Khulna Area | 0 | 0:00 | 1277 | 0 | 0% |
| Rajshahi Area | 0 | 0:00 | 1154 | 0 | 0% |
| Comilla Area | 0 | 0:00 | 1043 | 0 | 0% |
| Mymensingh Area | 0 | 0:00 | 841 | 0 | 0% |
| Sylhet Area | 0 | 0:00 | 468 | 0 | 0% |
| Barisal Area | 0 | 0:00 | 217 | 0 | 0% |
| Rangpur Area | 0 | 0:00 | 649 | 0 | 0% |
| **Total** | **0** | | **11257** | **0** | |

Information of the Generating Units under shut down.

| Planned Shut- Down | **Forced Shut- Down** | |
|---|---|---|
| | **1) Barapukuria ST: Ui** | **7) Siddhirhganj 335 MW** |
| | **2) Khulna ST 110 MW** | **8) Baghabari 100 MW** |
| | **3) Sikalbaha ST 60 MW** | |
| | **4) Bheramara 410 MW.** | |
| | **5) Siddhirganj ST** | |
| | **6) Ashuganj #3,4,5** | |

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

| **Description** | **Comments on Power Interruption** |
|---|---|
| a) Pabna 132/33 kV T2 transformer was under shut down from 09:28 to 15:32 for D/W. | |
| b) Ruppur 132/11 kV T1 transformer was switched on at 11:00. | |
| c) Rangamati-Chandragona 132 kV Ckt-2 tripped at 11:26 from Rangamati end showing Dist Z1 and was switched on at 11:43. | |
| d) Rangamati-Khagrachori 132 kV Ckt-1,2 tripped at 11:26 from both end showing Dist Z1 RYB at Rangamati end & Dist Z1 at Khagrachori end and were switched on at 11:47. | |
| e) Sirajganj Unit-3 tripped at 10:45 and GT & ST were synchronized at 15:02 & 16:44 respectively. | |
| f) Rampura-Ullon 132 kV Ckt-1 tripped at 16:09 from Rampura end showing Dist relay and was switched on at 16:16. | |
| g) Halishahar 33 kV lower bus was under shut down from 14:46 to 16:42 for replacing damaged bus isolator of Patenga PP line. | |
| h) Bogura 230 kV S/S-Bogura Confidence 132 kV Ckt-2 was under shut down from 07:42 to 17:42 for D/W. | |
| i) Ghorasal Unit-5 was synchronized at 18:22. | |
| j) Kaliakoir 400/230 kV T2 transformer was under shut down from 09:01 to 18:02 for D/W. | |
| l) Khulna 225 MW CCPP GT was synchronized at 20:15. | |
| m) Sylhet-Chatak 132 kV Ckt-1 was switched on at 21:06. | |
| n) Ashuganj(N) GT was synchronized at 21:30. | |
| o) Amnura 132/33 kV T1 transformer tripped at 21:30 showing O/C & E/F and was switched on at 21:49. | |
| p) Pabna-Shahjadpur 132 kV Ckt tripped at 22:24 from both end showing Dist C-phase and was switched on at 23:11. | |
| q) Hasnabad-APR energy 230 kV Ckt tripped at 23:43 from both ends showing E/F at APR end & Diff RYB-phase, Dir aided at Hasnabad end and was switched on at 01:51(23/05/2019). | |
| r) Shyampur-APR 230 kV Ckt tripped at 23:37 from APR end showing O/C and was switched on at 00:32(23/05/2019). | |
| s) Siddhirganj-Matuail 132 kV Ckt tripped at 23:39 from Matuail end showing O/C ,E/F and was switched on at 23:59. | About 84 MW Power interruption occurred under Matuail S/S Area from 23:39 to 23:59. |
| t) Haripur-Shyampur 132 kV Ckt tripped at 23:45 showing Dist Z1 and was switched on at 23:57. | |
| u) Hasnabad-Kamrangirchar 132 kV Ckt tripped at 23:43 showing Dist Z2 A-phase and was switched on at 23:51. | About 74 MW Power interruption occurred under Kamrangirchar S/S Area from 23:39 to 23:59. |
| v) Tongi-Basundhara 132 kV Ckt1 tripped at 12:39 showing Dist Z1 C-phase and was switched on at 00:19(23/05/2019). | |
| w) Tongi-Kabirpur 132 kV Ckt-1 tripped at 12:35 showing Dist Z1 and was switched on at 00:20(23/05/2019). | |
| x) Shyampur(New)-Shyampur(Old) 132 kV Ckt-1 tripped at 23:36 showing Dist Z1 R-phase ,E/F, A/R block and was switched on at 07:04(23/05/2019). | |
| y) Meghnaghat-Shyampur 230 kV Ckt-1 & 2 tripped at 23:36 from both end showing Dist Z1 R-phase, SOTF,Dir E/F of Ckt-1 & Dist Z1, SOTF Dir E/F A/R block of Ckt-2 at Shyampur end and A-N,Z1,Z2, Z3 of Ckt-1 & C-N,Dir-E/F ,DEF Z1, Z2 of Ckt-2 at Meghnaghat end. | |
| z) Kaliakoir- Tangail 132 kV both Ckt-1,2 tripped at 00:32(23/5/2019) from both ends showing AR block Z1 pole diseripency at Kaliakoir end and dist. 67N, DTT at Tangail end and were switched on at 01:32 & 01:46 respectively. | |
| aa) Ashuganj-Sirajganj 230 kV Ckt-2 tripped at 01:55(23/5/2019) from both ends showing SOTF, dist,RST,Z1 Ashuganj end and dist Z1, S -phase at Sirajganj end and was switched on at 06:20. | |
| ab) Meghna 450 MW GT-2 tripped at 23:36 due to stator E/F. | |
| ac) Summit-Meghnaghat tripped at 23:36 showing CB open. | |
| ad) Ashuganj(N) ST synchronized at 00:50(23/5/2019). | |
| ae) Ashuganj unit-4 synchronized at 01:50(23/5/2019) again shut down at 03:30 due to low demand. | |
| af) Sirajganj unit-1 ST tripped at 23:38. | |
| ag) Ghorasal-Ishurdi 230 kV Ckt-1 tripped at 22:45 showing no signal and was switched on at 23:04. | |
| ah) Cumilla(N) 132/33 kV T4 transformer tripped at 00:39(23/5/2019) showing O/L and was switched on at 03:46. | |
| ai) Gopalganj 132/33 kV T1 transformer tripped at 00:20(23/5/2019) showing O/C and was switched on at 04:12. | |
| aj) Gopalganj 132/33 kV T2 transformer tripped at 00:27(23/5/2019) showing O/C and was switched on at 07:35. | |
| ak) Madaripur 132/33 kV T1 and T2 transformer tripped at 23:42 showing time delay Deff. O/C due to 33 kV feeder fault and were switched on at 23:54 & 23:50 respectively. | |
| al) Barisal(old) 132/33 kV T1 and T2 transformers tripped at 00:27(23/5/2019) showing O/C, E/F relay and were switched on at 00:33. | About 44 MW Power interruption occurred under Barisal(old) S/S Area from 00:27 to 00:33. |
| am) Baghabari 71 MW was shut down at 05:12(23/5/2019) due to filter replacement. | |
| an) HVDC Bhheramara Pole-2 was shut down at 06:00(23/5/2019) for C/M. | |
| ao) Bogura-Confidence 132 kV Ckt was shut down at 07:44(23/5/2019) for D/W. | |
| ap) Madaripur-Gopalganj 132 kV Ckt tripped at 02:56(23/5/2019) from both ends showing dist. Z1 A-phase and was switched on at 04:08. | |

**Sub Divisional Engineer**
**twork Operation Division**

**Executive Engineer**
**Network Operation Division**

**Superintendent Engineer**
**Load Despatch Circle**