**PERFORMANCE HIGHLIGHTS OF GGSSTP**

**(6X210 MW NOW W.E.F. 01.01.18 4X210MW)**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. No.  | Parameters | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
| 1. | CEA Generation Targets (MUs) | 9300 | 8600 | 7000 | 4200 | 3923 | 3200 |
| 2. | Actual Generation (MUs) | 8005.87 | 5751.42 | 3959.00 | 2776.32 | 2274.33 | 1729.502 |
| 3. | Backing Down (MUs) (%) | 1978.78 (17.93%) | 4433.02 (40.16%) | 6508.32(58.80%) | 7554.92(68.45%) | 7542.49(74.45%) | 5284.29(71.81%) |
| 4. | Deemed Generation (MUs) | 9984.65 | 10184.43 | 10467.32 | 10331.24 | 9816.82 | 7013.790 |
| 5. | Plant Load Factor (%) | 72.53 | 52.11 | 35.77 | 25.15 | 22.45 | 23.50 |
| 6. | Deemed PLF (%) | 90.46 | 92.27 | 94.57 | 93.60 | 96.90 | 95.32 |
| 7. | Plant Availability Factor (%) | 89.84 | 92.50 | 94.68 | 93.85 | 97.16 | 95.62 |
| 8. | Coal Consumption (Kg/Kwh) | 0.626 | 0.705 | 0.688 | 0.669 | 0.654 | 0.662 |
| 9. | Fuel Consumption (ml/Kwh) | 0.72 | 0.93 | 1.11 | 1.49 | 1.77 | 1.87 |
| 10. | Aux. Consumption (%)(including T&E losses) | 8.44 | 8.53 | 9.05 | 9.66 | 9.06 | 9.06 |
| 11. | Heat Rate (Kcal/Kwh) | 2575 | 2682 | 2847 | 2802 | 2684 | 2703 |
| 12. | D. M. Water make-up (%) | 1.24 | 1.31 | 1.40 | 1.42 | 1.62 | 1.67 |
| 13. | Cost of Generation (Paisa/kwh) | 330.58 | 405.24 | 508.34 | 505.91 | 537.57 | 596.24 |
| 14. | Cost of Generation at Bus-bar (Paisa/kwh) | 361.03 | 443.02 | 558.89 | 559.96 | 591.06 | 655.54 |