ETPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2011-12** | **FY 2012-13** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 450 | 450 | 450 | 450 | 450 |
| 2 | Allocated Capacity | MW | 450 | 450 | 450 | 450 | 450 |
| 3 | Days | Nos. | 366 | 365 | 365 | 365 | 366 |
| 4 | PLF | % | 22.61% | 18.67% | 30.61% | 20.31% | 31.08% |
| 5 | Gross Generation | MU | 894 | 736 | 1,207 | 801 | 1,229 |
| 6 | Auxiliary consumption | % | 16.32% | 15.00% | 15.00% | 15.00% | 15.00% |
| 7 | Net Generation MU | MU | 748 | 625 | 1,026 | 681 | 1,044 |
|  | **Variable Cost – Parameters** |  |  |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 3,200 | 3,200 | 3,200 | 3,200 | 3,200 |
| 9 | Fuel Oil Consumption | ml/kWh | 11 | 8 | 6 | 10 | 12 |
| 10 | GCV of Primary Fuel | Kcal/kg | 3,203 | 3,235 | 3,105 | 3,154 | 3,154 |
| 11 | GCV of Secondary Fuel | kcal/l | 10,484 | 10,483 | 10,404 | 10,397 | 10,340 |
| 12 | Price of Coal | Rs/MT | 2,508 | 2,813 | 2,614 | 2,872 | 3,028 |
| 13 | Price of Oil | Rs/kL | 51,278 | 53,801 | 51,072 | 36,100 | 24,730 |
|  | **Calculations** |  |  |  |  |  |  |
| 14 | Total Heat from Coal and Oil | MKCL | 28,59,779 | 23,54,646 | 38,60,874 | 25,62,353 | 39,31,297 |
| 15 | Heat from Coal | MKCL | 27,61,401 | 22,93,708 | 37,85,139 | 24,78,308 | 37,78,861 |
| 16 | Heat from Oil | MKCL | 98,378 | 60,938 | 75,734 | 84,045 | 1,52,436 |
| 17 | Oil Consumed | kL | 9,384 | 5,813 | 7,279 | 8,084 | 14,742 |
| 18 | Coal Consumed | MT | 8,62,130 | 7,09,029 | 12,19,046 | 7,85,829 | 11,98,212 |
| 19 | Total Cost of Coal | Rs. Crore | 216 | 199 | 319 | 226 | 363 |
| 20 | Total Cost of Oil | Rs. Crore | 48 | 31 | 37 | 29 | 36 |
| 21 | Total Fuel Cost | Rs. Crore | 264.32 | 230.74 | 355.78 | 254.84 | 399.26 |
| 22 | Energy Charge | Rs. /kWh | 3.53 | 3.69 | 3.47 | 3.74 | 3.82 |

TTPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2011-12** | **FY 2012-13** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 1050 | 1050 | 1050 | 1050 | 1050 |
| 2 | Allocated Capacity | MW | 1050 | 1050 | 1050 | 1050 | 1050 |
| 3 | Days | Nos. | 366 | 365 | 365 | 365 | 366 |
| 4 | PLF | % | 85.60% | 90.04% | 85.80% | 83.42% | 77.00% |
| 5 | Gross Generation | MU | 7,895 | 8,282 | 7,892 | 7,673 | 7,102 |
| 6 | Auxiliary consumption | % | 8.50% | 8.50% | 8.50% | 8.50% | 8.50% |
| 7 | Net Generation MU | MU | 7224 | 7578 | 7221 | 7021 | 6498 |
|  | **Variable Cost – Parameters** |  |  |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 2453 | 2453 | 2453 | 2453 | 2453 |
| 9 | Fuel Oil Consumption | ml/kWh | 1.92 | 0.90 | 0.71 | 2.39 | 2.39 |
| 10 | GCV of Primary Fuel | Kcal/kg | 3,505 | 3,405 | 3,285 | 3,200 | 3,200 |
| 11 | GCV of Secondary Fuel | kcal/l | 10,560 | 10,640 | 10,575 | 10,565 | 10,515 |
| 12 | Price of Coal | Rs/MT | 4,040 | 3,679 | 3,805 | 4,163 | 3,795 |
| 13 | Price of Oil | Rs/kL | 40,945 | 48,180 | 50,357 | 40,030 | 40,030 |
|  | **Calculations** |  |  |  |  |  |  |
| 14 | Total Heat from Coal and Oil | MKCL | 1,93,66,580 | 2,03,15,450 | 1,93,58,791 | 1,88,21,869 | 1,74,20,897 |
| 15 | Heat from Coal | MKCL | 1,92,06,506 | 2,02,36,142 | 1,92,99,259 | 1,86,28,123 | 1,72,42,421 |
| 16 | Heat from Oil | MKCL | 1,60,074 | 79,307 | 59,532 | 1,93,746 | 1,78,476 |
| 17 | Oil Consumed | kL | 15,159 | 7,454 | 5,630 | 18,338 | 16,973 |
| 18 | Coal Consumed | MT | 54,79,745 | 59,43,067 | 58,74,965 | 58,21,516 | 53,88,467 |
| 19 | Total Cost of Coal | Rs. Crore | 2,214 | 2,187 | 2,236 | 2,423 | 2,045 |
| 20 | Total Cost of Oil | Rs. Crore | 62 | 36 | 28 | 73 | 68 |
| **21** | **Total Fuel Cost** | **Rs. Crore** | **2275.99** | **2222.63** | **2263.95** | **2496.61** | **2112.87** |
| **22** | **Energy Charge** | **Rs. /kWh** | **3.15** | **2.93** | **3.14** | **3.56** | **3.25** |

MTPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2011-12** | **FY 2012-13** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 840 | 840 | 840 | 840 | 840 |
| 2 | Allocated Capacity | MW | 840 | 840 | 840 | 840 | 840 |
| 3 | Days | Nos. | 366 | 365 | 365 | 365 | 366 |
| 4 | PLF | % | 92.77% | 84.26% | 88.04% | 84.71% | 80.25% |
| 5 | Gross Generation | MU | 6,845 | 6,200 | 6,479 | 6,233 | 5,921 |
| 6 | Auxiliary consumption | % | 8.31% | 9.00% | 8.50% | 8.50% | 8.50% |
| 7 | Net Generation MU | MU | 6276 | 5642 | 5928 | 5703 | 5418 |
|  | **Variable Cost - Parameters** |  |  |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 2500 | 2500 | 2500 | 2500 | 2500 |
| 9 | Fuel Oil Consumption | ml/kWh | 0.53 | 0.60 | 0.51 | 1.40 | 1.40 |
| 10 | GCV of Primary Fuel | Kcal/kg | 3,562 | 3,441 | 3,019 | 3,045 | 3,623 |
| 11 | GCV of Secondary Fuel | kcal/l | 10,507 | 10,472 | 10,923 | 10,892 | 10,284 |
| 12 | Price of Coal | Rs/MT | 3,674 | 4,203 | 4,516 | 4,652 | 4,515 |
| 13 | Price of Oil | Rs/kL | 42,297 | 49,984 | 53,734 | 39,058 | 40,266 |
|  | **Calculations** |  |  |  |  |  |  |
| 14 | Total Heat from Coal and Oil | MKCL | 1,71,12,055 | 1,55,00,873 | 1,61,96,365 | 1,55,82,500 | 1,48,02,491 |
| 15 | Heat from Coal | MKCL | 1,70,74,226 | 1,54,62,174 | 1,61,60,051 | 1,54,87,415 | 1,47,17,208 |
| 16 | Heat from Oil | MKCL | 37,829 | 38,698 | 36,314 | 95,085 | 85,283 |
| 17 | Oil Consumed | kL | 3,600 | 3,695 | 3,325 | 8,730 | 8,293 |
| 18 | Coal Consumed | MT | 47,93,438 | 44,92,990 | 53,52,783 | 50,86,179 | 40,62,067 |
| 19 | Total Cost of Coal | Rs. Crore | 1,761 | 1,888 | 2,417 | 2,366 | 1,834 |
| 20 | Total Cost of Oil | Rs. Crore | 15 | 18 | 18 | 34 | 33 |
| **21** | **Total Fuel Cost** | **Rs. Crore** | **1776.42** | **1906.65** | **2434.93** | **2400.43** | **1867.41** |
| **22** | **Energy Charge** | **Rs. /kWh** | **2.83** | **3.38** | **4.11** | **4.21** | **3.45** |

MTPS Stage III

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 600 | 600 | 600 |
| 2 | Allocated Capacity | MW | 600 | 600 | 600 |
| 3 | Days | Nos. | 365 | 365 | 366 |
| 4 | PLF | % | 80.00% | 57.50% | 85.00% |
| 5 | Gross Generation | MU | 4,204.80 | 3,022.00 | 4,479.84 |
| 6 | Auxiliary consumption | % | 8.83% | 8.83% | 8.83% |
| 7 | Net Generation MU | MU | 3833.38 | 2755.06 | 4084.12 |
|  | **Variable Cost - Parameters** |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 2,500.00 | 2450 | 2450 |
| 9 | Fuel Oil Consumption | ml/kWh | 1.40 | 1.47 | 1.47 |
| 10 | GCV of Primary Fuel | Kcal/kg | 3,019.00 | 3,045 | 2,567 |
| 11 | GCV of Secondary Fuel | kcal/l | 10,440.00 | 10,403 | 10,242 |
| 12 | Price of Coal | Rs/MT | 4,140.00 | 4,140 | 4,465 |
| 13 | Price of Oil | Rs/kL | 42,015.00 | 42,015 | 37,410 |
|  | **Calculations** |  |  |  |  |
| 14 | Total Heat from Coal and Oil | MKCL | 1,05,12,000 | 74,03,900 | 1,09,75,608 |
| 15 | Heat from Coal | MKCL | 1,04,50,517 | 73,57,667 | 1,09,08,133 |
| 16 | Heat from Oil | MKCL | 61,483 | 46,233 | 67,475 |
| 17 | Oil Consumed | kL | 5,889 | 4,444 | 6,588 |
| 18 | Coal Consumed | MT | 34,61,582 | 24,16,311 | 42,49,416 |
| 19 | Total Cost of Coal | Rs. Crore | 1,433 | 1000.35 | 1897.36 |
| 20 | Total Cost of Oil | Rs. Crore | 25 | 18.67 | 24.65 |
| **21** | **Total Fuel Cost** | **Rs. Crore** | **1457.84** | **1019.02** | **1922.01** |
| **22** | **Energy Charge** | **Rs. /kWh** | **3.80** | **3.70** | **4.71** |

NCTPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2011-12** | **FY 2012-13** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 630 | 630 | 630 | 630 | 630 |
| 2 | Allocated Capacity | MW | 630 | 630 | 630 | 630 | 630 |
| 3 | Days | Nos. | 366 | 365 | 365 | 365 | 366 |
| 4 | PLF | % | 84.81% | 91.68% | 74.33% | 77.21% | 85.00% |
| 5 | Gross Generation | MU | 4,693 | 5,059 | 4,102 | 4,261 | 4,704 |
| 6 | Auxiliary consumption | % | 8.50% | 8.50% | 8.50% | 8.50% | 8.50% |
| 7 | Net Generation MU | MU | 4,294 | 4,629 | 3,754 | 3,899 | 4,304 |
|  | **Variable Cost - Parameters** |  |  |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 2393 | 2393 | 2393 | 2393 | 2393 |
| 9 | Fuel Oil Consumption | ml/kWh | 0.62 | 0.51 | 1.87 | 1.76 | 1.76 |
| 10 | GCV of Primary Fuel | Kcal/kg | 4,324 | 4,514 | 3,621 | 3,353 | 4,113 |
| 11 | GCV of Secondary Fuel | kcal/l | 10,314 | 10,387 | 10,357 | 10,373 | 10,395 |
| 12 | Price of Coal | Rs/MT | 4,149 | 4,899 | 3,926 | 3,923 | 3,673 |
| 13 | Price of Oil | Rs/kL | 46,177 | 55,748 | 52,214 | 38,162 | 28,965 |
|  | **Calculations** |  |  |  |  |  |  |
| 14 | Total Heat from Coal and Oil | MKCL | 1,12,30,823 | 1,21,07,336 | 98,16,648 | 1,01,96,573 | 1,12,56,270 |
| 15 | Heat from Coal | MKCL | 1,12,00,811 | 1,20,80,534 | 97,37,410 | 1,01,18,959 | 1,11,70,408 |
| 16 | Heat from Oil | MKCL | 30,011 | 26,802 | 79,238 | 77,614 | 85,862 |
| 17 | Oil Consumed | kL | 2,910 | 2,580 | 7,651 | 7,482 | 8,260 |
| 18 | Coal Consumed | MT | 25,90,382 | 26,76,237 | 26,89,150 | 30,17,882 | 27,15,768 |
| 19 | Total Cost of Coal | Rs. Crore | 1,075 | 1,311 | 1,056 | 1,184 | 998 |
| 20 | Total Cost of Oil | Rs. Crore | 13 | 14 | 40 | 29 | 24 |
| **21** | **Total Fuel Cost** | **Rs. Crore** | **1088.15** | **1325.55** | **1095.80** | **1212.51** | **1021.43** |
| **22** | **Energy Charge** | **Rs. /kWh** | **2.53** | **2.86** | **2.92** | **3.11** | **2.37** |

NCTPS Stage II

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 1200 | 1200 |
| 2 | Allocated Capacity | MW | 1200 | 1200 |
| 3 | Days | Nos. | 365 | 366 |
| 4 | PLF | % | 53.14% | 85.00% |
| 5 | Gross Generation | MU | 5,586.00 | 8,959.68 |
| 6 | Auxiliary consumption | % | 8.50% | 8.50% |
| 7 | Net Generation MU | MU | 5111.19 | 8198.11 |
|  | **Variable Cost - Parameters** |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 2450 | 2450 |
| 9 | Fuel Oil Consumption | ml/kWh | 1.84 | 1.84 |
| 10 | GCV of Primary Fuel | Kcal/kg | 3,353 | 3,954 |
| 11 | GCV of Secondary Fuel | kcal/l | 10,368 | 10,250 |
| 12 | Price of Coal | Rs/MT | 3,949 | 5,167 |
| 13 | Price of Oil | Rs/kL | 38,162 | 31,376 |
|  | **Calculations** |  |  |  |
| 14 | Total Heat from Coal and Oil | MKCL | 1,36,85,700 | 2,19,51,216 |
| 15 | Heat from Coal | MKCL | 1,35,78,915 | 2,17,81,887 |
| 16 | Heat from Oil | MKCL | 1,06,785 | 1,69,329 |
| 17 | Oil Consumed | kL | 10,299 | 16,520 |
| 18 | Coal Consumed | MT | 40,49,781 | 55,09,124 |
| 19 | Total Cost of Coal | Rs. Crore | 1599.18 | 2846.56 |
| 20 | Total Cost of Oil | Rs. Crore | 39.30 | 51.83 |
| **21** | **Total Fuel Cost** | **Rs. Crore** | **1638.48** | **2898.40** |
| **22** | **Energy Charge** | **Rs. /kWh** | **3.21** | **3.54** |

TKGTPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2011-12** | **FY 2012-13** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 108 | 108 | 108 | 108 | 108 |
| 2 | Allocated Capacity | MW | 108 | 108 | 108 | 108 | 108 |
| 3 | Days | Nos. | 366 | 365 | 365 | 365 | 366 |
| 4 | PLF | % | 74.68% | 76.90% | 52.69% | 43.81% | 42.23% |
| 5 | Gross Generation | MU | 707.67 | 726.74 | 497.92 | 414.00 | 400.19 |
| 6 | Auxiliary consumption | % | 6.00% | 6.00% | 6.00% | 6.00% | 6.00% |
| 7 | Net Generation MU | MU | 665.21 | 683.13 | 468.04 | 389.16 | 376.18 |
|  | **Variable Cost - Parameters** |  |  |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 1,850.00 | 1,850.00 | 1,850.00 | 1,850.00 | 1,850.00 |
| 9 | GCV of Primary Fuel | Kcal/SCM | 10459 | 10453 | 10,453 | 10,000 | 10,000 |
| 10 | Price of Coal | Rs/SCM | 8.84 | 9.84 | 10.38 | 12.53 | 12.99 |
|  | **Calculations** |  |  |  |  |  |  |
| 11 | Heat from Gas | MKCL | 13,09,192 | 13,44,460 | 9,21,146 | 7,65,900 | 7,40,354 |
| 12 | Gas Consumed | SCM | 12,51,73,757 | 12,86,19,511 | 8,81,22,687 | 7,65,90,000 | 7,40,35,413 |
| 13 | Total Cost of Gas | Rs. Crore | 110.71 | 126.58 | 91.47 | 95.97 | 96.17 |
| 14 | Transportation Cost | Rs. Crore | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **15** | **Total Fuel Cost** | **Rs. Crore** | **110.71** | **126.58** | **91.47** | **95.97** | **96.17** |
| **16** | **Energy Charge** | **Rs. /kWh** | **1.66** | **1.85** | **1.95** | **2.47** | **2.56** |

KGTPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2011-12** | **FY 2012-13** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 101 | 101 | 101 | 101 | 101 |
| 2 | Allocated Capacity | MW | 101 | 101 | 101 | 101 | 101 |
| 3 | Days | Nos. | 366 | 365 | 365 | 365 | 366 |
| 4 | PLF | % | 46.76% | 6.31% | 72.49% | 56.74% | 64.35% |
| 5 | Gross Generation | MU | 414.85 | 55.84 | 641.37 | 501.97 | 570.87 |
| 6 | Auxiliary consumption | % | 6.67% | 6.00% | 6.00% | 6.00% | 6.00% |
| 7 | Net Generation MU | MU | 387.18 | 52.49 | 602.88 | 471.85 | 536.62 |
|  | **Variable Cost - Parameters** |  |  |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 1,850.00 | 1,850.00 | 1,850.00 | 1,850.00 | 1,850.00 |
| 9 | GCV of Primary Fuel | Kcal/SCM | 10386 | 10393 | 10,392.00 | 10,000.00 | 10,000.00 |
| 10 | Price of Coal | Rs/SCM | 8.72 | 13.98 | 10.90 | 13.00 | 13.90 |
|  | **Calculations** |  |  |  |  |  |  |
| 11 | Heat from Gas | MKCL | 7,67,467 | 1,03,298 | 11,86,527 | 9,28,645 | 10,56,116 |
| 12 | Gas Consumed | SCM | 7,38,94,415 | 99,39,233 | 11,41,76,973 | 9,28,64,450 | 10,56,11,604 |
| 13 | Total Cost of Gas | Rs. Crore | 64.42 | 13.89 | 124.45 | 120.72 | 146.80 |
| 14 | Transportation Cost | Rs. Crore | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **15** | **Total Fuel Cost** | **Rs. Crore** | **64.42** | **13.89** | **124.45** | **120.72** | **146.80** |
| **16** | **Energy Charge** | **Rs. /kWh** | **1.66** | **2.65** | **2.06** | **2.56** | **2.74** |

BBGTPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2011-12** | **FY 2012-13** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 120 | 120 | 120 | 120 | 120 |
| 2 | Allocated Capacity | MW | 120 | 120 | 120 | 120 | 120 |
| 3 | Days | Nos. | 366 | 365 | 365 | 365 | 366 |
| 4 | PLF | % | 2.81% | 0.04% | 0.08% | 5.71% | 5.69% |
| 5 | Gross Generation | MU | 29.65 | 0.42 | 0.87 | 60.02 | 59.98 |
| 6 | Auxiliary consumption | % | 0.30% | 0.51% | 0.99% | 0.99% | 0.99% |
| 7 | Net Generation MU | MU | 29.56 | 0.41 | 0.86 | 59.43 | 59.38 |
|  | **Variable Cost - Parameters** |  |  |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 3,219.00 | 3,219.00 | 3,219.00 | 3,219.00 | 3,219.00 |
| 9 | GCV of Primary Fuel | Kcal/SCM | 11340 | 11340 | 11349 | 10,572.00 | 10572 |
| 10 | Price of Coal | Rs/SCM | 59.27 | 73.08 | 60.64 | 15.00 | 15.45 |
|  | **Calculations** |  |  |  |  |  |  |
| 11 | Heat from Gas | MKCL | 95,447 | 1,340 | 2,786 | 1,93,216 | 1,93,066 |
| 12 | Gas Consumed | SCM | 84,16,809 | 1,18,200 | 2,45,477 | 1,82,76,174 | 1,82,62,056 |
| 13 | Total Cost of Gas | Rs. Crore | 49.89 | 0.86 | 1.49 | 27.41 | 28.21 |
| 14 | Transportation Cost | Rs. Crore | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **15** | **Total Fuel Cost** | **Rs. Crore** | **49.89** | **0.86** | **1.49** | **27.41** | **28.21** |
| **16** | **Energy Charge** | **Rs. /kWh** | **16.88** | **20.85** | **17.37** | **4.61** | **4.75** |

VGTPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Unit** | **FY 2011-12** | **FY 2012-13** | **FY 2013-14** | **FY 2014-15** | **FY 2015-16** |
| 1 | Installed Capacity(MW) | MW | 95 | 95 | 95 | 187 | 187 |
| 2 | Allocated Capacity | MW | 95 | 95 | 95 | 187 | 187 |
| 3 | Days | Nos. | 366 | 365 | 365 | 365 | 366 |
| 4 | PLF | % | 79.15% | 54.00% | 87.64% | 64.95% | 86.63% |
| 5 | Gross Generation | MU | 660.52 | 449.40 | 729.33 | 1,063.93 | 1,422.95 |
| 6 | Auxiliary consumption | % | 5.87% | 6.00% | 6.00% | 6.00% | 6.00% |
| 7 | Net Generation MU | MU | 621.75 | 422.44 | 685.57 | 1000.10 | 1337.57 |
|  | **Variable Cost - Parameters** |  |  |  |  |  |  |
| 8 | Station Heat rate | kCal/kWh | 1,850.00 | 1,850.00 | 1,850.00 | 1,850.00 | 1,850.00 |
| 9 | GCV of Primary Fuel | Kcal/SCM | 9655 | 9684 | 9,404.00 | 9,731.00 | 9,735.25 |
| 10 | Price of Coal | Rs/SCM | 7.78 | 10.31 | 9.96 | 11.91 | 13.27 |
|  | **Calculations** |  |  |  |  |  |  |
| 11 | Heat from Gas | MKCL | 12,21,965 | 8,31,397 | 13,49,264 | 19,68,273 | 26,32,461 |
| 12 | Gas Consumed | SCM | 12,65,62,937 | 8,58,52,685 | 14,34,77,690 | 20,22,68,361 | 27,04,05,116 |
| 13 | Total Cost of Gas | Rs. Crore | 98.47 | 88.54 | 142.90 | 240.90 | 358.83 |
| 14 | Transportation Cost | Rs. Crore | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **15** | **Total Fuel Cost** | **Rs. Crore** | **98.47** | **88.54** | **142.90** | **240.90** | **358.83** |
| **16** | **Energy Charge** | **Rs. /kWh** | **1.58** | **2.10** | **2.08** | **2.41** | **2.68** |