

**Eastern Regional Power Committee**

**Compensation Calculation Period** from 15-05-2017 to 30-09-2017

**Parameters**

| Station Name    | 1                              | 2   | 3                         | 4                | 5                       | 6                 | 7                        | 8               | 9                          | 10                     | 11                    | 12                       | 13        |
|-----------------|--------------------------------|---|---------------------------|------------------|-------------------------|-------------------|--------------------------|-----------------|----------------------------|------------------------|-----------------------|--------------------------|-----------|
|                 | IC                             | SHR_N   | SFC_N                     | CVSF             | LPPF                    | LPSFI             | LC_N                     | LPL             | AUX_N                      | SFC_A                  | LC_A                  | CVPF                     | Run. Hrs. |
|                 | Installed capacity/MCR (in MW) | Normative SHR or Net SHR as the case may be (in kcal/kWh) | Normative SFC (in ml/kWh) | CVSF (in kcal/L) | LPPF (in Rs./kg, liter) | LPSFI (in Rs./KJ) | Normative LC (in kg/kWh) | LPL (in Rs./kg) | Normative Aux. Cons (in %) | Actual SFC (in ml/kWh) | Actual LC (in kg/kWh) | CVPF (in kcal/kg, liter) |           |
| Barh-2          | 1,320.00                       | 2,247.80  | 0.5                       | 9,529.00         | 3,614.95                | 50,516.18         |                          |                 | 5.75                       |                        |                       | 3,589.68                 | 2924.31   |
| Farakka-1       | 1,600.00                       | 2,403.13  | 0.5                       | 9,710.82         | 4,154.84                | 26,796.39         |                          |                 | 6.47                       |                        |                       | 3,821.89                 | 3163.06   |
| Farakka-3       | 478.33                         | 2,436.62  | 0.5                       | 9,709.24         | 4,158.71                | 26,831.12         |                          |                 | 5.75                       |                        |                       | 3,812.06                 | 3317.54   |
| Kahalgaon-1     | 840.00                         | 2,450.00  | 0.5                       | 9,913.00         | 2,812.16                | 31,137.35         |                          |                 | 9                          |                        |                       | 3,089.74                 | 3077.95   |
| Kahalgaon-2     | 1,500.00                       | 2,425.00  | 0.5                       | 9,916.00         | 2,825.00                | 31,646.56         |                          |                 | 5.75                       |                        |                       | 3,078.40                 | 3052.46   |
| Talcher Super-1 | 1,000.00                       | 2,375.00  | 0.5                       | 9,907.00         | 1,903.88                | 28,031.42         |                          |                 | 5.75                       |                        |                       | 3,027.00                 | 3226.15   |

**Outage Hr.**

| Station Name    | 14     |        | 15     |        | 16     |        | 17     |        | 18     |         | 19      |         | 20      |         |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
|                 | Unit-1 | Unit-2 | Unit-3 | Unit-4 | Unit-5 | Unit-6 | Unit-7 | Unit-8 | Unit-9 | Unit-10 | Unit-11 | Unit-12 | Unit-13 | Unit-14 |
| Barh-2          |        |        |        |        |        |        |        |        |        |         |         |         |         |         |
| Farakka-1       | 51     | 28     | 52     | 21     | 790    | 30     | 58     | 52     | 764    | 31      |         |         |         |         |
| Farakka-3       |        |        |        |        |        |        | 173    | 32     | 20     | 32      |         | 18      | 28      |         |
| Kahalgaon-1     | 16     | 30     | 114    | 56     |        | 13     | 8      | 886    | 57     |         |         |         |         |         |
| Kahalgaon-2     |        |        |        |        |        |        |        |        | 98     | 46      | 664     | 34      | 87      | 18      |
| Talcher Super-1 | 178    | 38     | 39     | 35     | 499    | 14     | 1092   | 55     | 28     | 44      | 84      | 22      |         |         |

**Compensation Calculation for the period 15.05.2017 to 30.09.2017**

| Station         | 23       | 24         | 25         | 26        | 27      | 28     | 29      | 30      | 31            | 32               | 33       | 34       |
|-----------------|----------|------------|------------|-----------|---------|--------|---------|---------|---------------|------------------|----------|----------|
|                 | IC       | AUX (Norm) | GHR (Norm) | Run. Hrs. | SG (MU) | MU     | SG (MU) | AG (MU) | DC On Bar (H) | DC Res. S/D (MW) | LPPF_Cum | CVPF_Cum |
| Barh            | 1320.00  | 5.75       | 2247.8     | 2924.31   | 2955.73 | 40.19  | 2915.54 | 2851.28 | 3321.10       |                  | 3,614.95 | 3,589.68 |
| Farakka-1       | 1,600.00 | 6.47       | 2403.13    | 3163.06   | 3607.18 | 69.21  | 3537.97 | 3548.02 | 4427.30       |                  | 4,154.84 | 3,821.89 |
| Farakka-3       | 465.52   | 5.75       | 2436.62    | 3317.54   | 1036.08 | 0.00   | 1036.08 | 1054.97 | 1389.55       |                  | 4,158.71 | 3,812.06 |
| Kahalgaon-1     | 840.00   | 9          | 2450       | 3077.95   | 1985.95 | 40.76  | 1945.19 | 1954.03 | 2283.70       |                  | 2,812.16 | 3,089.74 |
| Kahalgaon-2     | 1,500.00 | 5.75       | 2425       | 3052.46   | 3476.58 | 146.43 | 3330.15 | 3450.26 | 4299.96       |                  | 2,825.00 | 3,078.40 |
| Talcher Super-1 | 1,000.00 | 5.75       | 2375       | 3226.15   | 2858.86 | 0.27   | 2858.59 | 2848.21 | 2934.32       |                  | 1,903.88 | 3,027.00 |

| Station         | 35       | 36               | 37          | 38          | 39    | 40  | 41              | 42              | 43             | 44             | 45       | 46              |
|-----------------|----------|------------------|-------------|-------------|-------|-----|-----------------|-----------------|----------------|----------------|----------|-----------------|
|                 | CVSF_Cum | LPSF_Cum, Rs/lum | AUX_Act_Cum | GHR_Act_Cum | %     | Y/N | %GHR dr(AUL SG) | %AUX dr(AUL SG) | GHR dr(AUL SG) | AUX dr(AUL SG) | AUL (DC) | %GHR dr(AUL DC) |
| Barh            | 9,529.00 | 0.0505           | 5.61        | 2473.52     | 80.14 | YES | 1.25            | 0.35            | 2275.8975      | 6.10           | 91.29    | 0               |
| Farakka-1       | 9,710.82 | 0.0268           | 7.53        | 2483.00     | 74.96 | YES | 4.00            | 0.65            | 2499.2552      | 7.12           | 93.53    | 0               |
| Farakka-3       | 9,709.24 | 0.0268           | 6.74        | 2517.00     | 72.48 | YES | 4.00            | 0.65            | 2534.0848      | 6.4            | 95.46    | 0               |
| Kahalgaon-1     | 9,913.00 | 0.0311           | 9.47        | 2457.40     | 83.05 | YES | 2.25            | 0.35            | 2505.125       | 9.35           | 97.06    | 0               |
| Kahalgaon-2     | 9,916.00 | 0.0316           | 5.77        | 2421.36     | 79.95 | YES | 2.25            | 0.35            | 2479.5625      | 6.1            | 99.64    | 0               |
| Talcher Super-1 | 9,907.00 | 0.0280           | 7.78        | 2484.33     | 94.01 | NO  | 0               | 0               | 0              | 0              | 0.00     | 0               |

| Station         | 47              | 48             | 49             | 50      | 51      | 52        | 53     | 54            | 55            | 56             | 57                   | 58               |
|-----------------|-----------------|----------------|----------------|---------|---------|-----------|--------|---------------|---------------|----------------|----------------------|------------------|
|                 | %AUX dr(AUL DC) | GHR dr(AUL DC) | AUX dr(AUL DC) | ECR nor | ECR act | ECR sg/se | ECR dc | ECR COMP. AUL | ECR COMP. ACT | ECR TO BE USED | Compensation Rs. Cr. | Compensation Rs. |
| Barh            | 0               | 2247.8         | 5.75           | 2,423   | 2,661   | 2,463     | 2,423  | 0.04          | 0.24          | 0.04           | 11.66                | 116621781        |
| Farakka-1       | 0               | 2403           | 6.47           | 2,802   | 2,928   | 2,934     | 2,802  | 0.132         | 0.126         | 0.126          | 44.58                | 445784519        |
| Farakka-3       | 0               | 2437           | 5.75           | 2,829   | 2,953   | 2,962     | 2,829  | 0.133         | 0.124         | 0.124          | 12.85                | 128473629        |
| Kahalgaon-1     | 0               | 2450           | 9              | 2,463   | 2,483   | 2,527     | 2,463  | 0.064         | 0.020         | 0.020          | 3.89                 | 38903791         |
| Kahalgaon-2     | 0               | 2425           | 5.75           | 2,373   | 2,37    | 2,435     | 2,373  | 0.062         | 0.000         | 0.000          | 0.00                 | 0                |
| Talcher Super-1 | 0               | 0.00           | 0              | 0.000   | 0       | 0         | 0      | 0             | 0.000         | 0.000          | 0.00                 | 0                |

|   |           |          |         |           |          |          |           |          |    |    |      |           |
|---|-----------|----------|---------|-----------|----------|----------|-----------|----------|----|----|------|-----------|
| Station                                   | FSTPS-1,2 |          |         |           |          |          |           |          |    |    |      |           |
| Compensation In Rs.                       | 445784519 |          |         |           |          |          |           |          |    |    |      |           |
| Beneficiary                               | BSPHCL    | JBVNL    | DVC     | Gridco    | WSEDCL   | Sikkim   | NVBN BDPD | NR       | WR | SR | NER  |           |
| Compensation Share to billed as per REA % | 16.53     | 13.33    | 1.25    | 33.48     | 15.46    | 7.10     | 0         | 12.85    | 0  | 0  | 0    | 100.000   |
| Compensation In Rs.                       | 73688181  | 59423076 | 5572306 | 149248657 | 68918287 | 31650701 | 0         | 57283311 | 0  | 0  | 0    | 445784519 |
| Station                                   | FSTPS-3   |          |         |           |          |          |           |          |    |    |      |           |
| Compensation In Rs.                       | 128473629 |          |         |           |          |          |           |          |    |    |      |           |
| Compensation Share to billed as per REA % | 23.74     | 16.49    | 4.27    | 31.29     | 24.21    | 0        | 0         | 0        | 0  | 0  | 0.00 | 100.000   |
| Compensation In Rs.                       | 30499640  | 21185301 | 5485824 | 40199399  | 31103466 | 0        | 0         | 0        | 0  | 0  | 0    | 128473629 |
| Station                                   | KhSTPP-I  |          |         |           |          |          |           |          |    |    |      |           |
| Compensation In Rs.                       | 38903791  |          |         |           |          |          |           |          |    |    |      |           |
| Compensation Share to billed as per REA % | 0         | 0        | 1.37    | 16.36     | 9.07     | 4.41     | 0         | 68.79    | 0  | 0  | 0    | 100.000   |
| Compensation In Rs.                       | 0         | 0        | 532982  | 6364660   | 3528574  | 1715657  | 0         | 26761918 | 0  | 0  | 0    | 38903791  |
| Station                                   | KhSTPP-II |          |         |           |          |          |           |          |    |    |      |           |
| Compensation In Rs.                       | 0         |          |         |           |          |          |           |          |    |    |      |           |
| Compensation Share to billed as per REA % | 0         | 0        | 0       | 0         | 0        | 0        | 0         | 0        | 0  | 0  | 0    | 0.000     |
| Compensation In Rs.                       | 0         | 0        | 0       | 0         | 0        | 0        | 0         | 0        | 0  | 0  | 0    | 0         |
| Station                                   | TSTPP     |          |         |           |          |          |           |          |    |    |      |           |
| Compensation In Rs.                       | 0         |          |         |           |          |          |           |          |    |    |      |           |
| Compensation Share to billed as per REA % | 0         | 0        | 100     | 0         | 0        | 0        | 0         | 0        | 0  | 0  | 0    | 100.000   |
| Compensation In Rs.                       | 0         | 0        | 0       | 0         | 0        | 0        | 0         | 0        | 0  | 0  | 0    | 0         |
| Station                                   | Barh STPP |          |         |           |          |          |           |          |    |    |      |           |
| Compensation In Rs.                       | 116621781 |          |         |           |          |          |           |          |    |    |      |           |
| Compensation Share to billed as per REA % | 0         | 35.24    | 0.00    | 64.76     | 0        | 0        | 0         | 0        | 0  | 0  | 0    | 100.000   |
| Compensation In Rs.                       | 0         | 41097516 | 0       | 75524265  | 0        | 0        | 0         | 0        | 0  | 0  | 0    | 116621781 |

|                    |  |          |
|--------------------|--|----------|
| BSPHCL Bifurcation |  |          |
| NBPDCL             |  | 47926398 |
| SBPDCL             |  | 56261423 |