



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
पूर्वी क्षेत्रीय विद्युत समिति

**Eastern Regional Power Committee**  
14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033  
14 Golf Club Road, Tollygunj, Kolkata-700033



वसुधैव कुटुम्बकम्  
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No. ERPC/COM-I/REA/2023-24/ 838

Date: 14.09.2023

To: As per distribution list.

Sub: Compensation for degradation of secondary fuel oil consumption for the year 2020-21, due to multiple start/stops of units.

विषय: इकाइयों के बार-बार चालू/बंद होने के कारण वर्ष 2020-21 के लिए द्वितीयक ईंधन तेल की खपत में गिरावट के लिए मुआवजा।

Sir,

Please find enclosed herewith Compensation statement for degradation of Secondary fuel oil consumption for the year 2020-21 due to multiple start/stops of the units. The Compensation statement is based on the data furnished by NTPC and ERLDC for the stations. The Compensation statement of eligible generators is enclosed at Annexure I.

The Compensation statement is prepared as per Hon'ble CERC order dated 05<sup>th</sup> May 2017 on the subject "Detailed procedure for taking unit(s) under reserve shutdown and Mechanism for Compensation for degradation of heat rate, Aux Compensation and Secondary Fuel Consumption, due to part load operation and multiple start/stop of unit(s) and Hon'ble CERC orders dated 31.01.2019 and 11.09.2019 on the subject "Pilot on Security Constrained Economic Despatch (SCED) of Inter State Generating Stations (ISGS) pan India".

All concerned entities are requested to intimate any discrepancy / error within a month from the date of issue of this account.

संविधान निर्माताओं से अनुरोध है कि इस अनंतिम कंपनसेशन के बयान के जारी होने की तारीख से दो महीने के भीतर किसी भी विसंगति / त्रुटि को सूचित करें। किसी भी विसंगति / त्रुटि के मामले में, पुनः परीक्षा, अंतिम निर्णय और पुष्टि के आधार पर अनंतिम कंपनसेशन के विवरण को संशोधित किया जाएगा। यदि गलती / विसंगति का संकेत देने वाले किसी भी घटक से कोई संचार प्राप्त नहीं होता है, तो जारी किए गए अनंतिम कंपनसेशन के बयान को अंतिम माना जाएगा।

Encl.: As above.

Yours faithfully,

 14/09/2023

(S. Kejriwal)  
SE (Comm)

**DISTRIBUTION LIST:**

1. Chief Engineer, Transmission (O&M), Bihar State Power Holding Company Ltd., Vidyut Bhavan, Bailey Road, Patna-800021 (FAX:0612 2227557).
2. Chief Engineer (Comml.), Damodar Valley Corporation, DVC Tower, VIP Road, Kolkata-700054 ( FAX: 033 23552129 )
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8. Executive Director, ERLDC, 14 Golf Club Road, Kolkata-700033 (FAX: 033 2423 3648)
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10. Member Secretary, NRPC, Katwaria Sarai, 18A SJSS Marg, New Delhi-16 (FAX 01126865206 ).
11. Member Secretary, SRPC, 29, Race Course Road, Bangalore-560009 (FAX : 080 2259343 ).
12. Member Secretary, NERPC, NERPC Complex, Dong Parmaw, Lapalang, Shillong-793006, Meghalaya
13. Head(Commercial), Maithon Powe Limited, Gogna, Jharkhand-828207

# Annexure-I

| REVISED RSD OIL COMPENSATION FOR NTPC COAL STATIONS IN FY 2020-21 |              |                       |           |                                      |                                               |                              |                                 |
|-------------------------------------------------------------------|--------------|-----------------------|-----------|--------------------------------------|-----------------------------------------------|------------------------------|---------------------------------|
| STATION                                                           | No. of Units | No. of Total Start Up | No of RSD | No. of Eligible RSD for Compensation | Type of Start Up of RSD C-COLD, W-WARM, H-HOT | Total Oil Compensation in KL | Eligible Oil Compensation in KL |
| Farakka I&II                                                      | 5            | 39                    | 11        | 4                                    | 200(C-11)                                     | 550                          | 200                             |

| Gross Generation (G) | Norm SFC (A) | Actual SFC (B) | Norm Oil Consumption (A'=A*G) | Actual Oil Consumption (B'=B*G) | Eligible Oil Compensation (C) | A'+C=D   | Restricted to B' (If D>B') | Oil Consumption beyond Norm | Oil Consumption eligible for Compensation | Secondary Oil Price | RSD Oil Compensation |
|----------------------|--------------|----------------|-------------------------------|---------------------------------|-------------------------------|----------|----------------------------|-----------------------------|-------------------------------------------|---------------------|----------------------|
| MU                   | ml/KWh       | ml/KWh         | KL                            | KL                              | KL                            | KL       | KL                         | KL                          | KL                                        | (Rs/KL)             | Rs.                  |
| 8754.83              | 0.50         | 0.922          | 4377.415                      | 8071.95                         | 200                           | 4577.415 | 8071.95                    | 3694.54                     | 200                                       | 37159.81            | 7431962              |

| DISTRIBUTION OF COMPENSATION AMONG BENEFICIARIES |                       |                            |                      |                   |  |                     |
|--------------------------------------------------|-----------------------|----------------------------|----------------------|-------------------|--|---------------------|
| SL No.                                           | Beneficiary           | Weighted Average Share (X) | No. of Start Ups (Y) | (Z=X*Y)           |  | Amount Payable (Rs) |
| <b>ER:</b>                                       |                       |                            |                      |                   |  |                     |
| 1                                                | BIHAR                 | 31.397866                  | 7                    | 219.785062        |  | 1974470             |
| 2                                                | JHARKHAND             | 8.574292                   | 6                    | 51.445752         |  | 462170              |
| 3                                                | DVC                   | 0.000000                   | 0                    | 0.000000          |  | 0                   |
| 4                                                | ODISHA                | 13.630000                  | 9                    | 122.670000        |  | 1102023             |
| 5                                                | ODISHA SOLAR          | 0.553562                   | 10                   | 5.535620          |  | 49730               |
| 6                                                | WEST BENGAL           | 31.930000                  | 11                   | 351.230000        |  | 3155324             |
| 7                                                | WEST BENGAL SOLAR     | 0.919117                   | 11                   | 10.110287         |  | 90827               |
| 8                                                | SIKKIM                | 1.580877                   | 9                    | 14.227890         |  | 127818              |
| <b>SR:</b>                                       |                       |                            |                      |                   |  |                     |
| 9                                                | ANDHRA PRADESH        | 0.000000                   | 0                    | 0.000000          |  | 0                   |
| 10                                               | TELANGANA (NSM-II)    | 0.751558                   | 7                    | 5.260906          |  | 47262               |
| 11                                               | TAMILNADU             | 1.290000                   | 0                    | 0.000000          |  | 0                   |
| <b>WR :</b>                                      |                       |                            |                      |                   |  |                     |
| 12                                               | GUJARAT               | 0.049123                   | 0                    | 0.000000          |  | 0                   |
| <b>NR:</b>                                       |                       |                            |                      |                   |  |                     |
| 13                                               | UTTAR PRADESH         | 2.080000                   | 9                    | 18.720000         |  | 168174              |
| 14                                               | HARYANA               | 0.690000                   | 4                    | 2.760000          |  | 24795               |
| 15                                               | RAJASTHAN             | 0.690000                   | 5                    | 3.450000          |  | 30994               |
| 16                                               | J & K                 | 0.850000                   | 3                    | 2.550000          |  | 22908               |
| 17                                               | DELHI                 | 1.390000                   | 6                    | 8.340000          |  | 74924               |
| 18                                               | PUNJAB                | 0.000000                   | 0                    | 0.000000          |  | 0                   |
| <b>NER :</b>                                     |                       |                            |                      |                   |  |                     |
| 19                                               | ASSAM                 | 2.547649                   | 4                    | 10.190596         |  | 91549               |
| 20                                               | NAGALAND              | 0.429803                   | 2                    | 0.859606          |  | 7722                |
| 21                                               | ARUNACHAL PRADESH     | 0.191917                   | 0                    | 0.000000          |  | 0                   |
| 22                                               | MIZORAM               | 0.141736                   | 1                    | 0.141736          |  | 1273                |
| 23                                               | NVVN POWER - A/C BPDB | 0.312500                   | 0                    | 0.000000          |  | 0                   |
| <b>TOTAL</b>                                     |                       | <b>100.000000</b>          | <b>104</b>           | <b>827.277455</b> |  | <b>7431962</b>      |

| Unit Size (MW) | Oil Consumption per start up (KL) |      |      |
|----------------|-----------------------------------|------|------|
|                | Hot                               | Warm | Cold |
| 200/210/250 MW | 20                                | 30   | 50   |
| 500 MW         | 30                                | 50   | 90   |
| 660 MW         | 40                                | 60   | 110  |

SE (Commercial)

### DETAILS OF START-UPS ATTRIBUTABLE TO BENEFICIARIES

| RSD oil Compensation of Farakka-I & II for the FY 2020-21 |                          |                  |       |                          |                  |       |                          |                  |       |
|-----------------------------------------------------------|--------------------------|------------------|-------|--------------------------|------------------|-------|--------------------------|------------------|-------|
| RSD No.                                                   | 1 (Unit-3)               |                  |       | 2 (Unit-1)               |                  |       | 3 (Unit-2)               |                  |       |
| Date and Time of RSD                                      | 21.04.2020 at 18:34 Hrs. |                  |       | 20.05.2020 at 09:17 Hrs. |                  |       | 20.05.2020 at 13:18 Hrs. |                  |       |
| Details in the RSD Time Block                             | Entitlement              | Schedule (Ex-PP) | in %  | Entitlement              | Schedule (Ex-PP) | in %  | Entitlement              | Schedule (Ex-PP) | in %  |
| Bangladesh                                                | 4.547063                 | 4.078313         | 89.69 | 3.146219                 | 2.621781         | 83.33 | 3.048531                 | 2.039156         | 66.89 |
| Bihar                                                     | 443.469069               | 397.752493       | 89.69 | 320.157851               | 170              | 53.10 | 305.994886               | 204.679346       | 66.89 |
| Jharkhand                                                 | 133.738697               | 37.333636        | 27.92 | 85.089803                | 50               | 58.76 | 82.432714                | 17.840282        | 21.64 |
| Odisha                                                    | 198.324678               | 55.363045        | 27.92 | 137.225477               | 47.193313        | 34.39 | 132.964739               | 18.868147        | 14.19 |
| Odisha Solar                                              | 7.997534                 | 2.23254          | 27.92 | 5.609623                 | 1.92921          | 34.39 | 5.380564                 | 0.76352          | 14.19 |
| Sikkim                                                    | 23.717478                | 6.620819         | 27.92 | 16.410677                | 5.643808         | 34.39 | 15.901139                | 10.636239        | 66.89 |
| West Bengal                                               | 464.600658               | 129.694939       | 27.92 | 321.468047               | 110.556308       | 34.39 | 311.486729               | 44.201021        | 14.19 |
| West Bengal Solar                                         | 13.373704                | 3.733317         | 27.92 | 9.253578                 | 3.182405         | 34.39 | 8.966262                 | 1.272343         | 14.19 |
| Delhi                                                     | 20.225334                | 9.8722           | 48.81 | 13.994381                | 5.56169          | 39.74 | 13.559867                | 9.070167         | 66.89 |
| Haryana                                                   | 10.039914                | 2.802678         | 27.92 | 6.946851                 | 5.788893         | 83.33 | 6.731157                 | 4.502457         | 66.89 |
| J&K Ladakh                                                | 12.36801                 | 11.09301         | 89.69 | 8.557715                 | 7.131245         | 83.33 | 8.292005                 | 5.546505         | 66.89 |
| Rajasthan                                                 | 10.039914                | 2.802678         | 27.92 | 6.946851                 | 5.788893         | 83.33 | 6.731157                 | 4.502457         | 66.89 |
| Uttar Pradesh                                             | 30.265248                | 8.448653         | 27.92 | 20.941232                | 7.201914         | 34.39 | 20.291024                | 2.879365         | 14.19 |
| Tamil Nadu                                                | 18.770274                | 16.835274        | 89.69 | 12.987591                | 10.822713        | 83.33 | 12.584337                | 8.417637         | 66.89 |
| Telangana                                                 | 10.93562                 | 9.808283         | 89.69 | 7.566611                 | 2.602238         | 34.39 | 7.331674                 | 1.04039          | 14.19 |
| Arunachal Pradesh                                         | 3.974743                 | 3.564993         | 89.69 | 1.240032                 | 1.033334         | 83.33 | 2.664826                 | 1.782497         | 66.89 |
| Assam                                                     | 45.181781                | 12.612656        | 27.92 | 23.812084                | 19.842891        | 83.33 | 23.812084                | 19.842891        | 83.33 |
| Mizoram                                                   | 3.16576                  | 2.839406         | 89.69 | 0.780958                 | 0.650781         | 83.33 | 2.122451                 | 1.419703         | 66.89 |
| Nagaland                                                  | 0.324521                 | 0.291067         | 89.69 | 4.654419                 | 3.878583         | 83.33 | 5.875647                 | 3.930208         | 66.89 |

| No. of Start-ups attributable to each beneficiary |
|---------------------------------------------------|
| 0                                                 |
| 1                                                 |
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| 0                                                 |
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| RSD oil Compensation of Farakka-I & II for the FY 2020-21 |                          |                  |       |                          |                  |       |                          |                  |        |
|-----------------------------------------------------------|--------------------------|------------------|-------|--------------------------|------------------|-------|--------------------------|------------------|--------|
| RSD No.                                                   | 4 (Unit-3)               |                  |       | 5 (Unit-2)               |                  |       | 6 (Unit-1)               |                  |        |
| Date and Time of RSD                                      | 28.05.2020 at 07:04 Hrs. |                  |       | 22.06.2020 at 16:00 Hrs. |                  |       | 28.06.2020 at 18:31 Hrs. |                  |        |
| Details in the RSD Time Block                             | Entitlement              | Schedule (Ex-PP) | in %  | Entitlement              | Schedule (Ex-PP) | in %  | Entitlement              | Schedule (Ex-PP) | in %   |
| Bangladesh                                                | 4.656844                 | 2.913094         | 62.56 | 4.297062                 | 4.078312         | 94.91 | 4.662688                 | 4.078313         | 87.47  |
| Bihar                                                     | 473.878393               | 152.109843       | 32.10 | 431.31562                | 209.790866       | 48.64 | 454.745824               | 216.727975       | 47.66  |
| Jharkhand                                                 | 125.944808               | 40.426923        | 32.10 | 116.193174               | 110.278144       | 94.91 | 137.139473               | 58.817914        | 42.89  |
| Odisha                                                    | 203.112897               | 65.197045        | 32.10 | 187.420678               | 77.842043        | 41.53 | 203.367778               | 87.222654        | 42.89  |
| Odisha Solar                                              | 8.303026                 | 2.665181         | 32.10 | 7.584185                 | 3.149964         | 41.53 | 8.200899                 | 3.517293         | 42.89  |
| Sikkim                                                    | 24.290097                | 7.796859         | 32.10 | 22.413478                | 9.309063         | 41.53 | 24.320578                | 10.430882        | 42.89  |
| West Bengal                                               | 475.817667               | 152.732329       | 32.10 | 439.056658               | 182.354835       | 41.53 | 476.414758               | 204.330104       | 42.89  |
| West Bengal Solar                                         | 13.69659                 | 4.396457         | 32.10 | 12.63841                 | 5.249152         | 41.53 | 13.713777                | 5.881718         | 42.89  |
| Delhi                                                     | 20.713641                | 7.074943         | 34.16 | 19.113334                | 14.1431          | 74.00 | 20.739634                | 20.739634        | 100.00 |
| Haryana                                                   | 10.282311                | 6.432111         | 62.56 | 9.487914                 | 3.940646         | 41.53 | 10.295214                | 9.004914         | 87.47  |
| J&K Ladakh                                                | 12.666615                | 7.923615         | 62.56 | 11.68801                 | 4.854419         | 41.53 | 12.68251                 | 5.439417         | 42.89  |
| Rajasthan                                                 | 10.282311                | 6.432111         | 62.56 | 9.487914                 | 9.004914         | 94.91 | 10.295214                | 4.415527         | 42.89  |
| Uttar Pradesh                                             | 30.995952                | 9.949366         | 32.10 | 28.601248                | 11.87905         | 41.53 | 31.034848                | 13.310574        | 42.89  |
| Tamil Nadu                                                | 19.223451                | 12.025251        | 62.56 | 17.738274                | 16.835274        | 94.91 | 19.247574                | 16.835274        | 87.47  |
| Telangana                                                 | 11.199642                | 7.005948         | 62.56 | 10.334374                | 9.808283         | 94.91 | 11.213696                | 9.808283         | 87.47  |
| Arunachal Pradesh                                         | 1.835422                 | 1.14815          | 62.56 | 3.75621                  | 3.564993         | 94.91 | 4.075815                 | 3.564993         | 87.47  |
| Assam                                                     | 35.245214                | 22.047683        | 62.56 | 32.659725                | 30.99712         | 94.91 | 46.330685                | 40.524057        | 87.47  |
| Mizoram                                                   | 1.155926                 | 0.723091         | 62.56 | 2.991704                 | 2.839406         | 94.91 | 3.24626                  | 2.839406         | 87.47  |
| Nagaland                                                  | 6.889193                 | 3.7              | 53.71 | 8.282028                 | 7.860416         | 94.91 | 0.332775                 | 0.291068         | 87.47  |

| No. of Start-ups attributable to each beneficiary |
|---------------------------------------------------|
| 0                                                 |
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| RSD oil Compensation of Farakka-I & II for the FY 2020-21 |                          |                  |       |                          |                  |       |                          |                  |       |
|-----------------------------------------------------------|--------------------------|------------------|-------|--------------------------|------------------|-------|--------------------------|------------------|-------|
| RSD No.                                                   | 7 (Unit-3)               |                  |       | 8 (Unit-1)               |                  |       | 9 (Unit-1)               |                  |       |
| Date and Time of RSD                                      | 15.08.2020 at 18:06 Hrs. |                  |       | 20.08.2020 at 12:26 Hrs. |                  |       | 23.10.2020 at 01:06 Hrs. |                  |       |
| Details in the RSD Time Block                             | Entitlement              | Schedule (Ex-PP) | in %  | Entitlement              | Schedule (Ex-PP) | in %  | Entitlement              | Schedule (Ex-PP) | in %  |
| Bangladesh                                                | 4.865625                 | 4.5625           | 93.77 | 4.662687                 | 4.078312         | 87.47 | 4.28125                  | 4.0625           | 94.89 |
| Bihar                                                     | 474.538054               | 248.08577        | 52.28 | 468.015057               | 218.148611       | 46.61 | 429.728448               | 407.77152        | 94.89 |
| Jharkhand                                                 | 143.108292               | 72.486358        | 50.65 | 126.079727               | 58.767591        | 46.61 | 115.765602               | 109.850572       | 94.89 |
| Odisha                                                    | 212.2191                 | 107.491953       | 50.65 | 203.367778               | 94.792673        | 46.61 | 186.731                  | 177.19           | 94.89 |
| Odisha Solar                                              | 8.557833                 | 4.334662         | 50.65 | 8.229502                 | 3.83589          | 46.61 | 7.556276                 | 0                | 0.00  |
| Sikkim                                                    | 25.3791                  | 12.85487         | 50.65 | 24.320578                | 11.336174        | 46.61 | 22.331                   | 0                | 0.00  |
| West Bengal                                               | 497.1501                 | 259.539088       | 52.21 | 476.414758               | 222.063834       | 46.61 | 437.441                  | 0                | 0.00  |
| West Bengal Solar                                         | 14.310651                | 7.248546         | 50.65 | 13.713777                | 6.39219          | 46.61 | 12.591903                | 0                | 0.00  |
| Delhi                                                     | 21.6423                  | 11.362105        | 52.50 | 20.739634                | 10.363           | 49.97 | 19.043                   | 13.173           | 69.18 |
| Haryana                                                   | 10.7433                  | 7.0753           | 65.86 | 10.295214                | 4.798748         | 46.61 | 9.453                    | 0                | 0.00  |
| J&K Ladakh                                                | 13.2345                  | 6.70346          | 50.65 | 12.68251                 | 11.09301         | 87.47 | 11.645                   | 11.05            | 94.89 |
| Rajasthan                                                 | 10.7433                  | 5.441633         | 50.65 | 10.295214                | 4.798749         | 46.61 | 9.453                    | 8.97             | 94.89 |
| Uttar Pradesh                                             | 32.3856                  | 16.403761        | 50.65 | 31.034848                | 14.465793        | 46.61 | 28.496                   | 27.04            | 94.89 |
| Tamil Nadu                                                | 20.0853                  | 18.834           | 93.77 | 19.247574                | 16.835274        | 87.47 | 17.673                   | 16.77            | 94.89 |
| Telengana                                                 | 11.701758                | 5.927105         | 50.65 | 11.213696                | 5.226867         | 46.61 | 10.296345                | 0                | 0.00  |
| Arunachal Pradesh                                         | 4.25321                  | 3.988238         | 93.77 | 4.075815                 | 3.564993         | 87.47 | 1.687388                 | 1.601171         | 94.89 |
| Assam                                                     | 48.34717                 | 24.48852         | 50.65 | 35.438648                | 16.518469        | 46.61 | 38.430542                | 0                | 0.00  |
| Mizoram                                                   | 3.387549                 | 3.176507         | 93.77 | 3.24626                  | 2.839406         | 87.47 | 1.062695                 | 1.008397         | 94.89 |
| Nagaland                                                  | 0.347258                 | 0.325624         | 93.77 | 8.986723                 | 7.860416         | 87.47 | 6.333551                 | 3.318333         | 52.39 |

| No. of Start-ups attributable to each beneficiary |
|---------------------------------------------------|
| 0                                                 |
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| RSD oil Compensation of Farakka-I & II for the FY 2020-21 |                          |                  |       |                          |                  |       |  |  |  |
|-----------------------------------------------------------|--------------------------|------------------|-------|--------------------------|------------------|-------|--|--|--|
| RSD No.                                                   | 10 (Unit-3)              |                  |       | 11 (Unit-1)              |                  |       |  |  |  |
| Date and Time of RSD                                      | 23.10.2020 at 16:22 Hrs. |                  |       | 12.12.2020 at 20:30 Hrs. |                  |       |  |  |  |
| Details in the RSD Time Block                             | Entitlement              | Schedule (Ex-PP) | in %  | Entitlement              | Schedule (Ex-PP) | in %  |  |  |  |
| Bangladesh                                                | 4.081844                 | 2.913094         | 71.37 | 4.080094                 | 3.495719         | 85.68 |  |  |  |
| Bihar                                                     | 409.713139               | 200              | 48.81 | 403.570324               | 270.920084       | 67.13 |  |  |  |
| Jharkhand                                                 | 110.373629               | 64               | 57.98 | 120.031384               | 102.839784       | 85.68 |  |  |  |
| Odisha                                                    | 178.033697               | 44.892669        | 25.22 | 177.957369               | 152.469269       | 85.68 |  |  |  |
| Odisha Solar                                              | 7.20433                  | 1.816632         | 25.22 | 7.249655                 | 6.211317         | 85.68 |  |  |  |
| Sikkim                                                    | 21.290897                | 15.194697        | 71.37 | 21.281769                | 0                | 0.00  |  |  |  |
| West Bengal                                               | 417.066467               | 105.166759       | 25.22 | 416.887659               | 0                | 0.00  |  |  |  |
| West Bengal Solar                                         | 12.005415                | 3.027265         | 25.22 | 12.000267                | 0                | 0.00  |  |  |  |
| Delhi                                                     | 18.156041                | 15.537441        | 85.58 | 18.148257                | 0                | 0.00  |  |  |  |
| Haryana                                                   | 9.012711                 | 6.432111         | 71.37 | 9.008847                 | 7.718547         | 85.68 |  |  |  |
| J&K Ladakh                                                | 11.102615                | 7.923615         | 71.37 | 11.097855                | 9.508355         | 85.68 |  |  |  |
| Rajasthan                                                 | 9.012711                 | 6.432111         | 71.37 | 9.008847                 | 0                | 0.00  |  |  |  |
| Uttar Pradesh                                             | 27.168752                | 6.850826         | 25.22 | 27.157104                | 23.267504        | 85.68 |  |  |  |
| Tamil Nadu                                                | 16.849851                | 12.025251        | 71.37 | 16.842627                | 14.430327        | 85.68 |  |  |  |
| Telengana                                                 | 9.816776                 | 2.475381         | 25.22 | 9.812566                 | 0                | 0.00  |  |  |  |
| Arunachal Pradesh                                         | 3.568079                 | 2.546435         | 71.37 | 3.56655                  | 3.055728         | 85.68 |  |  |  |
| Assam                                                     | 2.841865                 | 2.028157         | 71.37 | 34.796985                | 29.813156        | 85.68 |  |  |  |
| Mizoram                                                   | 1.189123                 | 0.528505         | 44.44 | 2.840646                 | 2.433792         | 85.68 |  |  |  |
| Nagaland                                                  | 7.867222                 | 5.614608         | 71.37 | 0.291195                 | 0.249488         | 85.68 |  |  |  |

| No. of Start-ups attributable to each beneficiary |
|---------------------------------------------------|
| 0                                                 |
| 1                                                 |
| 0                                                 |
| 1                                                 |
| 1                                                 |
| 1                                                 |
| 2                                                 |
| 2                                                 |
| 1                                                 |
| 0                                                 |
| 0                                                 |
| 0                                                 |
| 1                                                 |
| 1                                                 |
| 0                                                 |
| 2                                                 |
| 0                                                 |
| 0                                                 |
| 1                                                 |
| 0                                                 |

**Unit Outage details for 2020 - 21 FSTPS (U1-3x200mw,U4-6x500mw= 2100mw)**

**Total No of Unit outage and startup is 45, Total RSD= 11  
COLD(More than 36 hr)=27, HOT=13(more than 8 hrs), WARM=5**

| Unit No. | Outage                | Date & time of Outage | Date & time of Sync. | Outage Hrs. | Mus lost | OUTAGE TYPE | Remarks FO/PO/RSD |  |
|----------|-----------------------|-----------------------|----------------------|-------------|----------|-------------|-------------------|--|
| 3        | Power Regulation(RSD) | 21-Apr-20 18:34       | 10-May-20 19:51      | 457.3       | 91.5     | COLD        | RSD               |  |
| 1        | Power Regulation(RSD) | 20-May-20 09:17       | 17-Jun-20 21:22      | 684.1       | 136.8    | COLD        | RSD               |  |
| 2        | Power Regulation(RSD) | 20-May-20 13:18       | 10-Jun-20 19:23      | 510.1       | 102.0    | COLD        | RSD               |  |
| 3        | Power Regulation(RSD) | 28-May-20 07:04       | 10-Jun-20 02:29      | 307.4       | 61.5     | COLD        | RSD               |  |
| 2        | Power Regulation(RSD) | 22-Jun-20 16:00       | 04-Jul-20 15:14      | 287.2       | 57.4     | COLD        | RSD               |  |
| 1        | Power Regulation(RSD) | 28-Jun-20 18:31       | 04-Jul-20 17:03      | 142.5       | 28.5     | COLD        | RSD               |  |
| 3        | Power Regulation(RSD) | 15-Aug-20 18:06       | 04-Sep-20 07:10      | 469.1       | 93.8     | COLD        | RSD               |  |
| 1        | Power Regulation(RSD) | 20-Aug-20 12:26       | 04-Sep-20 11:01      | 358.6       | 71.7     | COLD        | RSD               |  |
| 1        | Power Regulation(RSD) | 23-Oct-20 01:06       | 07-Dec-20 07:44      | 1086.6      | 217.3    | COLD        | RSD               |  |
| 3        | Power Regulation(RSD) | 23-Oct-20 16:22       | 29-Oct-20 21:35      | 149.2       | 29.8     | COLD        | RSD               |  |
| 1        | Power Regulation(RSD) | 12-Dec-20 20:30       | 12-Jan-21 02:41      | 726.2       | 145.2    | COLD        | RSD               |  |
|          |                       |                       |                      |             |          |             |                   |  |