| Cost of Power      Owner of Plant:      Capacity        Name      Variable      Type of Generating      Owner of Plant:      Capacity        of      Name of the      Capacity      Station      Total      Capacity  |          | Format For Filling Monthly Data |             |    |            |   |                        |                            |  |                       |                                    |     |         |
|---|----------|---------------------------------|-------------|----|------------|---|------------------------|----------------------------|--|-----------------------|------------------------------------|-----|---------|
| State      Name<br>of<br>DISCO<br>M      Name of the<br>power Station      Name of the<br>power Station      Variable<br>(Sxt (at<br>State<br>periphery)<br>(Rs/kWh)      Total Cost<br>of Power<br>(Rs/kWh)      Capacity<br>of Power<br>(Rs/kWh)      Must Run<br>(Herman<br>(Rs/kWh)      Must Run<br>(NW)      Must Run<br>(NW)      Must Run<br>(NW)      Reman<br>(NW)        (A)      (B)      (C      (D)      (E)      (F)= (D)+(E)      (G)      (H)      (I)      (J)      (K)      (L)        1      -   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| 1   |          | State                           | of<br>DISCO |    | Fixed Cost | Variable<br>Cost (at<br>State<br>periphery) | Total Cost<br>of Power | Station<br>(THERMAL/HYDRO/ | 1.State Generation<br>(Generation within<br>the state scheduled<br>by SLDC)<br>2. Central ISGS | Installed<br>Capacity | of Plants<br>Allocated<br>to State |     | Remarks |
| 2   |          | (A)                             | (B)         | (C | (D)        | (E)   | (F)= (D)+(E)           | (G)                        | (H)  | (I)                   | (J)                                | (К) | (L)     |
| 3   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
|   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| D       |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| N  N  N  N  N  N  N  N  N  N  N  N    N </td <td>-</td> <td></td>   | -        |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| N  N  N  N  N  N  N  N  N  N  N  N  N  N    N <td></td>   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| I <td></td>  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Construction of the sector of the  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Probability  Image: Probab   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| N <td></td>  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| N  N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N  N  N  N    N  N  N  N  N  N  N <td></td>   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| I <td></td>  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| I <td></td>  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: serie  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Problem state  Image: Problem state <td></td>  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Constraint of the section o |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| NNN   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| I <td></td>  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| I <td></td>  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Problem interview inte |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of t |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Constraint of the section o |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Problem in the synthesis of the synthesynthesis of the synthesis of the synthesis of |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: state in the state                | -        |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Constraint of the second se               |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Normal systemImage: Normal system  |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: state stat               |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: state stat               |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: state of the state                |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
|   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Section of the section of th               |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Sector of the sector               |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
| Image: Sector of the sector               |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
|   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
|   | $\vdash$ |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
|   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
|   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |
|   |          |                                 |             |    |            |   |                        |                            |  |                       |                                    |     |         |

 $\ensuremath{^*}$  in case of short term purchases, the composite rate may be indicated.

## Format For Filling Daily Data

Format I

|         |              | Name of the<br>power Station | Capacity of<br>Plants<br>Allocated to<br>State<br>(MW) | Declared<br>Availability/Entitl<br>ement (MWh)<br>(State Portion) | Schedule<br>(MWh) | Scheduled<br>outside Merit<br>Order (Y/N) | Deviation from Merit<br>Order, if any |                                     |         |
|---------|--------------|------------------------------|--|---|-------------------|---|---------------------------------------|-------------------------------------|---------|
| SI. No. | State/DISCOM |                              |  |   |                   |   | Quantum<br>(MW)                       | Reasons for<br>Deviation, if<br>any | Remarks |
|         | (A)          | (B)                          | (C   | (D)   | (E)               | (F)                                       | (G)                                   | (H)                                 | (I)     |
| 1       |              |                              |  |   |                   |   |                                       |                                     |         |
| 2       |              |                              |  |   |                   |   |                                       |                                     |         |
| 3       |              |                              |  |   |                   |   |                                       |                                     |         |
| 1       |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |
|         |              |                              |  |   |                   |   |                                       |                                     |         |

| Format-II |                |  |                |                 |                |   |                   |
|-----------|----------------|--|----------------|-----------------|----------------|---|-------------------|
|           |                |  | Po             | wer Procurement | Power          |   |                   |
| SI. No.   | Description    | Total Energy<br>Purchased<br>during the Day<br>(MWh) | Max<br>Rs/Unit | Min<br>Rs/Unit  | Avg<br>Rs/Unit | Purchased at<br>Maximum<br>Rate during<br>the Day<br>(MW) | Remark, if<br>any |
|           | (A)            | (B)  | (C             | (D)             | (E)            | (F)   | (G)               |
| 1         | Bilateral      |  |                |                 |                |   |                   |
| 2         | Power Exchange |  |                |                 |                |   |                   |

## Guidelines for Filling Merit Order Details: Monthly/Daily

| SI.    | Column      | Data to be Filled   |
|--------|-------------|---|
| No.    | Ref. No.    |   |
| Mont   | hly Forma   | t   |
| 1      | (B)         | In case more than one DISCOM, details of plants for each DISCOM shall be  |
|        |             | provided separately.  |
| 2      |             | Fixed and Variable costs shall be provided in Rs/kWh only.  |
| 3      |             | Fixed Cost shall be provided considering 85% annual PLF.  |
| 4      |             | Variable Cost shall be provided at State periphery. Inter State transmission  |
|        |             | losses are to be considered for ISGS and other projects located outside state.  |
| 5      | (D) & (E)   | In case of Renewable generation, variable cost shall be mentioned as "0"  |
|        |             | and cost of RE shall be mentioned in fixed cost column.   |
| 6      |             | In case of 'Other ISGS', there could be single part tariff in Power Purchase  |
|        |             | Agreement. In this case, the same may be indicated under 'Fixed Cost'   |
| 7      | (H)         | Ownership of plants shall be mentioned in following three heads only:   |
|        |             | 1. State Generation (Generation within the state scheduled by SLDC  |
|        |             | including state GENCOs as well as IPPs)   |
|        |             | 2. Central ISGS (where there is an allocation)  |
|        |             | 3. Other ISGS (where there could be Long Term Access/Medium Term Open   |
|        |             | Access)   |
| 8      | (I)         | Total Installed capacity of the plant (in MW) shall be provide and in case of   |
|        |             | multi-stages, stage-wise details shall be provided.   |
| 9      | (J)         | Only Capacity allocated to the State in that plant shall be provide and in case   |
|        |             | of multi-stages, stage-wise details shall be provided.  |
| Daily  | Format -I   |   |
| 1      | (A)         | In case more than one DISCOM, details of plants for each DISCOM shall be  |
|        |             | provided separately.  |
| 2      | (C)         | Only Capacity (in MW) allocated to the State in that plant shall be provide   |
|        |             | and in case of multi-stages, stage-wise details shall be provided.  |
| 3      | (D)         | Allocation/Entitlement (in MWh) of State in that plant for a specified day  |
|        |             | shall be only mentioned (not total declared capacity of plants).  |
| 4      | (E)         | Scheduled energy generation of plant for the state portion shall be   |
|        |             | mentioned.  |
| 5      | (F)         | In case, scheduling has been done outside the Merit Order, same shall be  |
|        |             | mentioned.  |
|        | (G)&(H)     | In case of Deviation from Merit Order, quantum of deviation (in MW) and   |
|        |             | reason for the same shall be filled properly.   |
| Daily  | Format-II   |   |
| 1      | (A)         | Power purchased under Short Term (Bilateral only) and from Power  |
|        |             | Exchange shall be provided separately as per FORMAT-II in daily sheet.  |
| 2      | (B)         | Total Energy Purchased during the day in MWh shall be provided.   |
|        |             |   |
| 2<br>3 | (B)<br>(C), | Total Energy Purchased during the day in MWh shall be provided.<br>Maximum, Minimum and Average prices of power purchased under Bilateral |

|   | (D)&(E) | and from Power Exchange during the specified days shall be provided.    |
|---|---------|---|
| 4 | (F)     | Quantum of Power (in MW) purchased under Bilateral and from Power       |
|   |         | Exchange at maximum price (under each category) during the day shall be |
|   |         | mentioned for Bilateral and Power Exchange.                             |

## **General Guideline for Filling Information:**

- 1. Monthly file to be updated on 10<sup>th</sup> of every month and shall be valid from 15<sup>th</sup> of current month to 14<sup>th</sup> of next month.
- 2. Data shall be filled in the desired format as per the units specified in header of each column and all the field shall be filled properly. Do not insert/delete row column of the format, it may lead to wrong mapping of values due to automated process. Merging of cells may also be avoided.
- 3. Special Character/text (comment) could not be filled along-with numeric number, as it affects the database entry and automated system will not consider such values, shall be treated as non-availability of data. Comment shall be filled in remark column.