



| Monthly Ex-Bus Energy Requirement (MU)               |                          |          |          |                  |          |          | Format-2     |
|--|--------------------------|----------|----------|------------------|----------|----------|--------------|
| Month  | Actual of Previous Years |          |          | Projections      |          |          |              |
|  | Yr (n-3)                 | Yr (n-2) | Yr (n-1) | Current Year (n) | Yr (n+1) | Yr (n+2) | ...Yr (n+10) |
| <b>State (DISCOMs including SEZ, OACs, Railways)</b> |                          |          |          |                  |          |          |              |
| Apr  |                          |          |          |                  |          |          |              |
| May  |                          |          |          |                  |          |          |              |
| Jun  |                          |          |          |                  |          |          |              |
| Jul  |                          |          |          |                  |          |          |              |
| Aug  |                          |          |          |                  |          |          |              |
| Sep  |                          |          |          |                  |          |          |              |
| Oct  |                          |          |          |                  |          |          |              |
| Nov  |                          |          |          |                  |          |          |              |
| Dec  |                          |          |          |                  |          |          |              |
| Jan  |                          |          |          |                  |          |          |              |
| Feb  |                          |          |          |                  |          |          |              |
| Mar  |                          |          |          |                  |          |          |              |
| <b>East DISCOM</b>                                   |                          |          |          |                  |          |          |              |
| Apr  |                          |          |          |                  |          |          |              |
| May  |                          |          |          |                  |          |          |              |
| Jun  |                          |          |          |                  |          |          |              |
| Jul  |                          |          |          |                  |          |          |              |
| Aug  |                          |          |          |                  |          |          |              |
| Sep  |                          |          |          |                  |          |          |              |
| Oct  |                          |          |          |                  |          |          |              |
| Nov  |                          |          |          |                  |          |          |              |
| Dec  |                          |          |          |                  |          |          |              |
| Jan  |                          |          |          |                  |          |          |              |
| Feb  |                          |          |          |                  |          |          |              |
| Mar  |                          |          |          |                  |          |          |              |
| <b>West DISCOM</b>                                   |                          |          |          |                  |          |          |              |
| Apr  |                          |          |          |                  |          |          |              |
| May  |                          |          |          |                  |          |          |              |
| Jun  |                          |          |          |                  |          |          |              |
| Jul  |                          |          |          |                  |          |          |              |
| Aug  |                          |          |          |                  |          |          |              |
| Sep  |                          |          |          |                  |          |          |              |
| Oct  |                          |          |          |                  |          |          |              |
| Nov  |                          |          |          |                  |          |          |              |
| Dec  |                          |          |          |                  |          |          |              |
| Jan  |                          |          |          |                  |          |          |              |
| Feb  |                          |          |          |                  |          |          |              |
| Mar  |                          |          |          |                  |          |          |              |
| <b>Central DISCOM</b>                                |                          |          |          |                  |          |          |              |
| Apr  |                          |          |          |                  |          |          |              |
| May  |                          |          |          |                  |          |          |              |

| Monthly Ex-Bus Energy Requirement (MU) |                          |          |          |                  |          |          | Format-2     |
|--|--------------------------|----------|----------|------------------|----------|----------|--------------|
| Month                                  | Actual of Previous Years |          |          | Projections      |          |          |              |
|  | Yr (n-3)                 | Yr (n-2) | Yr (n-1) | Current Year (n) | Yr (n+1) | Yr (n+2) | ...Yr (n+10) |
| Jun                                    |                          |          |          |                  |          |          |              |
| Jul                                    |                          |          |          |                  |          |          |              |
| Aug                                    |                          |          |          |                  |          |          |              |
| Sep                                    |                          |          |          |                  |          |          |              |
| Oct                                    |                          |          |          |                  |          |          |              |
| Nov                                    |                          |          |          |                  |          |          |              |
| Dec                                    |                          |          |          |                  |          |          |              |
| Jan                                    |                          |          |          |                  |          |          |              |
| Feb                                    |                          |          |          |                  |          |          |              |
| Mar                                    |                          |          |          |                  |          |          |              |
| <b>SEZ</b>                             |                          |          |          |                  |          |          |              |
| Apr                                    |                          |          |          |                  |          |          |              |
| May                                    |                          |          |          |                  |          |          |              |
| Jun                                    |                          |          |          |                  |          |          |              |
| Jul                                    |                          |          |          |                  |          |          |              |
| Aug                                    |                          |          |          |                  |          |          |              |
| Sep                                    |                          |          |          |                  |          |          |              |
| Oct                                    |                          |          |          |                  |          |          |              |
| Nov                                    |                          |          |          |                  |          |          |              |
| Dec                                    |                          |          |          |                  |          |          |              |
| Jan                                    |                          |          |          |                  |          |          |              |
| Feb                                    |                          |          |          |                  |          |          |              |
| Mar                                    |                          |          |          |                  |          |          |              |
| <b>OACs and Railways</b>               |                          |          |          |                  |          |          |              |
| Apr                                    |                          |          |          |                  |          |          |              |
| May                                    |                          |          |          |                  |          |          |              |
| Jun                                    |                          |          |          |                  |          |          |              |
| Jul                                    |                          |          |          |                  |          |          |              |
| Aug                                    |                          |          |          |                  |          |          |              |
| Sep                                    |                          |          |          |                  |          |          |              |
| Oct                                    |                          |          |          |                  |          |          |              |
| Nov                                    |                          |          |          |                  |          |          |              |
| Dec                                    |                          |          |          |                  |          |          |              |
| Jan                                    |                          |          |          |                  |          |          |              |
| Feb                                    |                          |          |          |                  |          |          |              |
| Mar                                    |                          |          |          |                  |          |          |              |

| Power Supply Projections |  |             |          |          |          | Format-3     |
|--------------------------|--|-------------|----------|----------|----------|--------------|
| No.                      | Particulars  | Projections |          |          |          |              |
|                          |  | Yr (n+1)    | Yr (n+2) | Yr (n+3) | Yr (n+4) | ...Yr (n+10) |
| 1                        | <b>Ex-Bus Requirement of State (MU)</b>  |             |          |          |          |              |
|                          | <i>For DISCOMs (MU)</i>  |             |          |          |          |              |
|                          | <i>For SEZ (MU)</i>  |             |          |          |          |              |
|                          | <i>For OA &amp; Railways (MU)</i>  |             |          |          |          |              |
| 2                        | <b>Energy Availability (MU)</b>  |             |          |          |          |              |
|                          | <i>MP Genco Thermal Plants</i>   |             |          |          |          |              |
|                          | <i>MP Genco Hydel Plants</i>   |             |          |          |          |              |
|                          | <i>ISP, OSP, SSP &amp; Other Hydel</i>   |             |          |          |          |              |
|                          | <i>Central Sector Stations</i>   |             |          |          |          |              |
|                          | <i>DVC Plants</i>  |             |          |          |          |              |
|                          | <i>UMPP &amp; IPPs</i>   |             |          |          |          |              |
|                          | <i>Wind Genrators Availability</i>   |             |          |          |          |              |
|                          | <i>Solar Generators Availability</i>   |             |          |          |          |              |
|                          | <i>Other Generators Availability</i>   |             |          |          |          |              |
|                          | <i>Availability thorough banking/Power Market</i>  |             |          |          |          |              |
|                          | <i>Others Sources (If any)</i>   |             |          |          |          |              |
|                          | <b>TOTAL (MU)</b>  |             |          |          |          |              |
| 3                        | <b>Surplus(+)/Deficit(-) (MU)</b>  |             |          |          |          |              |
| 4                        | <b>Surplus(+)/Deficit(-)(%)</b>  |             |          |          |          |              |
| Note:                    | 1. The yearly Energy requirement/Supply should tally with monthly requirement/supply forecast as indicated in Format-2 |             |          |          |          |              |
|                          | 2. The Power Supply Position would be supported by Graphs showing yearly and Monthly Pattern                           |             |          |          |          |              |

| Peak Demand and Availability Projections |  |             |          |          |          | Format-4     |
|--|--|-------------|----------|----------|----------|--------------|
| (Peak Hours/Off-Peak Hours)              |  |             |          |          |          |              |
| No.                                      | Particulars  | Projections |          |          |          |              |
|  |  | Yr (n+1)    | Yr (n+2) | Yr (n+3) | Yr (n+4) | ...Yr (n+10) |
| 1  | <b>Available Generation Capacity (MW)</b>  |             |          |          |          |              |
|  | <i>MP Genco Thermal Plants</i>   |             |          |          |          |              |
|  | <i>MP Genco Hydel Plants</i>   |             |          |          |          |              |
|  | <i>ISP, OSP, SSP &amp; Other Hydel</i>   |             |          |          |          |              |
|  | <i>Central Sector Stations</i>   |             |          |          |          |              |
|  | <i>DVC Plants</i>  |             |          |          |          |              |
|  | <i>UMPP &amp; IPPs</i>   |             |          |          |          |              |
|  | <i>Wind Generators Availability</i>  |             |          |          |          |              |
|  | <i>Solar Generators Availability</i>   |             |          |          |          |              |
|  | <i>Other Generators Availability</i>   |             |          |          |          |              |
|  | <i>Availability through banking/Power Market</i>   |             |          |          |          |              |
|  | <i>Others Sources (If any)</i>   |             |          |          |          |              |
|  | <b>TOTAL (MW)</b>  |             |          |          |          |              |
| 2  | <b>Peak Load of State (MW)</b>   |             |          |          |          |              |
| 3  | <b>Peak Availability (MW)</b>  |             |          |          |          |              |
|  | <i>MP Genco Thermal Plants</i>   |             |          |          |          |              |
|  | <i>MP Genco Hydel Plants</i>   |             |          |          |          |              |
|  | <i>ISP, OSP, SSP &amp; Other Hydel</i>   |             |          |          |          |              |
|  | <i>Central Sector Stations</i>   |             |          |          |          |              |
|  | <i>DVC Plants</i>  |             |          |          |          |              |
|  | <i>UMPP &amp; IPPs</i>   |             |          |          |          |              |
|  | <i>Wind Generators Availability</i>  |             |          |          |          |              |
|  | <i>Solar Generators Availability</i>   |             |          |          |          |              |
|  | <i>Other Generators Availability</i>   |             |          |          |          |              |
|  | <i>Availability through banking/Power Market</i>   |             |          |          |          |              |
|  | <i>Others Sources (If any)</i>   |             |          |          |          |              |
|  | <b>TOTAL (MW)</b>  |             |          |          |          |              |
| 4  | <b>Surplus(+)/Deficit(-) (MW)</b>  |             |          |          |          |              |
| 5  | <b>Surplus(+)/Deficit(-) (%)</b>   |             |          |          |          |              |
| Note:                                    | 1. This format is to be submitted for Peak Hours and Off-Peak Hours Separately   |             |          |          |          |              |
|  | 2. The Power Supply Position needs to be supported by Graphs showing yearly or monthly 24 hr load pattern based on Load Research by the Company. |             |          |          |          |              |
|  | 3. Peak Hours and Off-Peak Hours shall be as specified in the Retail Supply Tariff Order   |             |          |          |          |              |

| Available/Existing Generation Capacities and Year wise Energy Availability |  |     |               |                  |                          |          |          | Format-5     |
|--|--|-----|---------------|------------------|--------------------------|----------|----------|--------------|
| No.  | Name of Plant  | COD | Capacity (MW) | State Share (MW) | Energy Availability (MU) |          |          |              |
|  |  |     |               |                  | Yr (n+1)                 | Yr (n+2) | Yr (n+3) | ...Yr (n+10) |
| 1  | MP Genco Thermal Plants  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 2  | MP Genco Hydel Plants  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 3  | ISP, OSP, SSP & Other Hydel  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 4  | Central Sector Stations  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 5  | DVC Plants   |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 6  | Wind Generators Availability   |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 7  | Solar Generators Availability  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 8  | Other Generators Availability  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 9  | Availability through banking/Power Market  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| 10   | Others Sources (If any)  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
|  |  |     |               |                  |                          |          |          |              |
| <b>Total</b>   |  |     |               |                  |                          |          |          |              |
| Note:  | 1. This format is to be submitted Separately for Long-Term/Medium-Term/Short-Term  |     |               |                  |                          |          |          |              |
|  | 2. The above format needs to be filled considering the plant wise availability of each State/Central Generating plants, IPPs, Renewable plants and other Plants for entire 10-year plan. |     |               |                  |                          |          |          |              |

| Details of Planned/Upcoming Capacities for future years alongwith Energy Availability |  |               |                  |      |                                  |          |          |              |                         |          |          | Format-6     |
|---|--|---------------|------------------|------|----------------------------------|----------|----------|--------------|-------------------------|----------|----------|--------------|
| No.   | Name of Project  | Capacity (MW) | State Share (MW) | SCOD | Year wise Capacity Addition (MW) |          |          |              | Energy Availabilty (MU) |          |          |              |
|   |  |               |                  |      | Yr (n+1)                         | Yr (n+2) | Yr (n+3) | ...Yr (n+10) | Yr (n+1)                | Yr (n+2) | Yr (n+3) | ...Yr (n+10) |
| 1   | MP Genco Thermal Plants  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 2   | MP Genco Hydel Plants  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 3   | ISP, OSP, SSP & Other Hydel  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 4   | Central Sector Stations  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 5   | DVC Plants   |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 6   | Wind Genrators Availability  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 7   | Solar Generators Availability  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 8   | Other Generators Availability  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 9   | Availability thourgh banking/Power Market  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| 10  | Others Sources (If any)  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| <b>Total</b>  |  |               |                  |      |                                  |          |          |              |                         |          |          |              |
| Note:   | 1. This format is to be submitted Separately for Long-Term/Medium-Term/Short-Term  |               |                  |      |                                  |          |          |              |                         |          |          |              |
|   | 2. The above format needs to be filled considering the plant wise availability of each State/Central Generating plants, IPPs, Renewable plants and other Plants for entire 10-year plan. |               |                  |      |                                  |          |          |              |                         |          |          |              |

**Month-Wise Energy Availabilty from Available/Exisitng Generation Capacities** Format-7

| No.          | Name of Project                                  | Monthly Energy Availability (MU) |     |      |      |        |           |         |          |          |         |          |       |
|--------------|--|----------------------------------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|
|              |  | April                            | May | June | July | August | September | October | November | December | January | February | March |
| 1            | <b>MP Genco Thermal Plants</b>                   |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 2            | <b>MP Genco Hydel Plants</b>                     |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 3            | <b>ISP, OSP, SSP &amp; Other Hydel</b>           |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 4            | <b>Central Sector Stations</b>                   |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 5            | <b>DVC Plants</b>                                |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 6            | <b>Wind Genrators Availability</b>               |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 7            | <b>Solar Generators Availability</b>             |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 8            | <b>Other Generators Availability</b>             |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 9            | <b>Availability thourgh banking/Power Market</b> |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 10           | <b>Others Sources (If any)</b>                   |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |  |                                  |     |      |      |        |           |         |          |          |         |          |       |
| <b>Total</b> |  |                                  |     |      |      |        |           |         |          |          |         |          |       |

**Note:**

1. This format is to be submitted Separately for Long-Term/Medium-Term/Short-Term
2. This format is to be furnished year-wise for entire 10-years separately
3. The above format needs to be filled considering the plant wise availablility of each State/Central Generating plants, IPPs, Renewable plants and other Plants for entire 10-year plan.

**Month-Wise Energy Availabilty from Planned/Upcoming Generation Capacities** Format-8

| No.          | Name of Project   | Monthly Energy Availability (MU) |     |      |      |        |           |         |          |          |         |          |       |
|--------------|---|----------------------------------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|
|              |   | April                            | May | June | July | August | September | October | November | December | January | February | March |
| 1            | <b>MP Genco Thermal Plants</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 2            | <b>MP Genco Hydel Plants</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 3            | <b>ISP, OSP, SSP &amp; Other Hydel</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 4            | <b>Central Sector Stations</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 5            | <b>DVC Plants</b>   |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 6            | <b>Wind Genrators Availability</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 7            | <b>Solar Generators Availability</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 8            | <b>Other Generators Availability</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 9            | <b>Availability thourgh banking/Power Market</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| 10           | <b>Others Sources (If any)</b>  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| <b>Total</b> |   |                                  |     |      |      |        |           |         |          |          |         |          |       |
| Note:        | 1. This format is to be submitted Separately for Long-Term/Medium-Term/Short-Term   |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              | 2. This format is to be furnished year-wise for entire 10-years separately  |                                  |     |      |      |        |           |         |          |          |         |          |       |
|              | 3. The above format needs to be filled considering the plant wise availablility of each State/Central Generating plants, IPPs, Renewable plants and other Plants for entire 10-year plan. |                                  |     |      |      |        |           |         |          |          |         |          |       |

| Summary of Month wise Energy Requirement and Energy Availability (MU) |  |                                  |     |      |      |        |           |         |          |          |         |          | Format-9 |
|---|--|----------------------------------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|----------|
| No.   | Particulars  | Monthly Energy Availability (MU) |     |      |      |        |           |         |          |          |         |          |          |
|   |  | April                            | May | June | July | August | September | October | November | December | January | February | March    |
| 1   | <b>Yr (n+1)</b>  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Energy Requirement   |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Energy Availability  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Surplus(+)/Deficit(-) (MU)   |                                  |     |      |      |        |           |         |          |          |         |          |          |
| 2   | <b>Yr (n+2)</b>  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Energy Requirement   |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Energy Availability  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Surplus(+)/Deficit(-) (MU)   |                                  |     |      |      |        |           |         |          |          |         |          |          |
| 3   | <b>Yr (n+3)</b>  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Energy Requirement   |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Energy Availability  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Surplus(+)/Deficit(-) (MU)   |                                  |     |      |      |        |           |         |          |          |         |          |          |
| .....<br>10   | <b>.....Yr (n+10)</b>  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Energy Requirement   |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Energy Availability  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | Surplus(+)/Deficit(-) (MU)   |                                  |     |      |      |        |           |         |          |          |         |          |          |
| Note:   | 1.This format figures should tally with Format-2, Format-7 and Format-8  |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | 2. This format is to be furnished year-wise for entire 10-years separately   |                                  |     |      |      |        |           |         |          |          |         |          |          |
|   | 3. The above format needs to be filled considering the plant wise availability of each State/Central Generating plants, IPPs, Renewable plants and other Plants for entire 10-year plan. |                                  |     |      |      |        |           |         |          |          |         |          |          |

| Generating Stations Details |                            |               |                         |                 |           |                          |                    |                        |                           |                            |                            |                  |                           |                                    | Format-10              |                          |
|-----------------------------|----------------------------|---------------|-------------------------|-----------------|-----------|--------------------------|--------------------|------------------------|---------------------------|----------------------------|----------------------------|------------------|---------------------------|------------------------------------|------------------------|--------------------------|
| Sr. No.                     | Name of Generating Station | Region /State | Installed capacity (MW) | Share of MP (%) | COD/ SCOD | Expected Retirement Year | Fixed Cost (Rs/MW) | Variable Cost (Rs/kWh) | Auxiliary Consumption (%) | Max Generation Limits (MW) | Min Generation Limits (MW) | Fuel GCV (GJ/kg) | Heat Rate ( at full Load) | Heat rate (at part load i.e. 55% ) | Ramp Up rate ( MW/min) | Ramp down rate ( MW/min) |
|                             |                            |               |                         |                 |           |                          |                    |                        |                           |                            |                            |                  |                           |                                    |                        |                          |
|                             |                            |               |                         |                 |           |                          |                    |                        |                           |                            |                            |                  |                           |                                    |                        |                          |

Continued...



| Plan for Renewable Power Obligation (RPO)  |  |    |            |          |          |          | Format-11 |              |
|--|--|----|------------|----------|----------|----------|-----------|--------------|
| Particulars  |  |    | Projection |          |          |          |           |              |
|  |  |    | Unit       | Yr (n+1) | Yr (n+2) | Yr (n+3) | Yr (n+4)  | ...Yr (n+10) |
| Ex-Bus Energy Requirement (MU) (DISCOMs + SEZ)   |  |    | MU         |          |          |          |           |              |
| Wind RPO<br>(by WPPs commissioned<br>after 31st March 2022)  | RPO  | %  |            |          |          |          |           |              |
|  | RPO  | MU |            |          |          |          |           |              |
|  | Availability from Qualified Tied up (including consented) projects |    |            |          |          |          |           |              |
|  | Availability from Wind Component of RE RTC projects                |    |            |          |          |          |           |              |
|  | Year wise Balance RPO quantum to be met                            |    |            |          |          |          |           |              |
|  | Additional Capacity required up to fulfill RPO                     | MW |            |          |          |          |           |              |
| HPO<br>(by Hydro projects<br>commissioned after 8th<br>March 2019)   | RPO  | %  |            |          |          |          |           |              |
|  | RPO  | MU |            |          |          |          |           |              |
|  | Availability from Qualified Tied up (including consented) projects |    |            |          |          |          |           |              |
|  | Year wise Balance RPO quantum to be met                            |    |            |          |          |          |           |              |
|  | Additional Capacity required up to fulfill RPO                     | MW |            |          |          |          |           |              |
| Other RPO (Solar, WPPs<br>commissioned before<br>31.03.2022, Hydro<br>commissioned before 8th<br>March 2019) | RPO  | %  |            |          |          |          |           |              |
|  | RPO  | MU |            |          |          |          |           |              |
|  | Old WPP's Contribution   |    |            |          |          |          |           |              |
|  | Old Hydro Project's Contribution                                   |    |            |          |          |          |           |              |
|  | Availability from Tied up Solar projects (including consented)     |    |            |          |          |          |           |              |
|  | Availability from Solar Component of RE RTC projects               |    |            |          |          |          |           |              |
|  | Total Contribution from Tied up Projects                           |    |            |          |          |          |           |              |
|  | Remaining RPO Quantum  |    |            |          |          |          |           |              |
|  | Additional Capacity required up to fulfill RPO                     | MW |            |          |          |          |           |              |
| Total RPO  | RPO  | %  |            |          |          |          |           |              |
|  | RPO  | MU |            |          |          |          |           |              |
|  | RPO  | MW |            |          |          |          |           |              |
| ESO  | Energy Storage Obligation  | %  |            |          |          |          |           |              |
|  | Energy to be procured through Storage                              | MU |            |          |          |          |           |              |
|  | Energy to be procured through Storage                              | MW |            |          |          |          |           |              |

| Deviation in Demand Forecast (Summary Statement for State and All DISCOMs separately) - Discom wise (Name of Discom: _____) |  |   |            |                 | Format-12             |
|---|--|---|------------|-----------------|-----------------------|
| Sr. No.   | Particulars  | Previous Years approved As per Plan (1) | Actual (2) | Deviation (2-1) | Reasons for deviation |
| 1   | <b>Total Energy Sale (MU)- (Cumulative of all consumer categories)</b> |   |            |                 |                       |
| 2   | Distribution losses - in %   |   |            |                 |                       |
| 3   | Distribution losses - in MU  |   |            |                 |                       |
| 4   | <b>Supply / Requirement at DISCOM Boundary (MU)</b>                    |   |            |                 |                       |
| 5   | Intra-State Transmission losses - in %                                 |   |            |                 |                       |
| 6   | Intra-State Transmission losses - in MU                                |   |            |                 |                       |
| 7   | <b>Supply / Requirement at State Boundary (MU)</b>                     |   |            |                 |                       |
| 8   | Inter-State Transmission losses - in %                                 |   |            |                 |                       |
| 9   | Inter-State Transmission losses - in MU                                |   |            |                 |                       |
| 10  | <b>Ex-Bus Requirement of DISCOM (MU)</b>                               |   |            |                 |                       |
| 11  | <i>Sale by MPPMCL to SEZ</i>   |   |            |                 |                       |
| 12  | <i>Energy Wheeled for Railways/OA Consumers</i>                        |   |            |                 |                       |
| 13  | <b>Ex-Bus Requirement of State (MU)</b>                                |   |            |                 |                       |
| 14  | <b>Peak load of DISCOM (MW)</b>  |   |            |                 |                       |
| 15  | <b>Peak load of State (MW)</b>   |   |            |                 |                       |

| Deviation in Energy Availability |   |   |            |                 | Format-13             |
|----------------------------------|---|---|------------|-----------------|-----------------------|
| Sr. No.                          | Particulars                                       | Previous Years approved As per Plan (1) | Actual (2) | Deviation (2-1) | Reasons for deviation |
| 1                                | <b>Ex-Bus Requirement of State (MU)</b>           |   |            |                 |                       |
|                                  | <i>For DISCOMs (MU)</i>                           |   |            |                 |                       |
|                                  | <i>For SEZ (MU)</i>                               |   |            |                 |                       |
|                                  | <i>For OA &amp; Railways (MU)</i>                 |   |            |                 |                       |
| 2                                | <b>Energy Availability (MU)</b>                   |   |            |                 |                       |
|                                  | <i>MP Genco Thermal Plants</i>                    |   |            |                 |                       |
|                                  | <i>MP Genco Hydel Plants</i>                      |   |            |                 |                       |
|                                  | <i>ISP, OSP, SSP &amp; Other Hydel</i>            |   |            |                 |                       |
|                                  | <i>Central Sector Stations</i>                    |   |            |                 |                       |
|                                  | <i>DVC Plants</i>                                 |   |            |                 |                       |
|                                  | <i>UMPP &amp; IPPs</i>                            |   |            |                 |                       |
|                                  | <i>Wind Genrators Availability</i>                |   |            |                 |                       |
|                                  | <i>Solar Generators Availability</i>              |   |            |                 |                       |
|                                  | <i>Other Generators Availability</i>              |   |            |                 |                       |
|                                  | <i>Availability thorough banking/Power Market</i> |   |            |                 |                       |
|                                  | <i>Others Sources (If any)</i>                    |   |            |                 |                       |
| 5                                | <b>TOTAL (MU)</b>                                 |   |            |                 |                       |