**Format – 4**

**CHAMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LIMITED, MYSORE**

**(A Government of Karnataka Undertaking)**

|  |  |  |
| --- | --- | --- |
| **Technical Feasibility Report ( For the SRTPV plants from 1kWp to 49kWp)**  **(To be submitted by the Section officer)** | | |
| **Sl No.** | **Parameter** | **Utility Observation** |
| **A** | **Applicant details** | |
|  | Name of the Applicant |  |
|  | Application Registration Number |  |
|  | RR Number |  |
|  | Tariff category |  |
|  | Sanctioned Load in kW /Contract demand in KVA |  |
| **B** | **Distribution Transformer Details** | |
| 1 | Location & DTC Code |  |
| 2 | Capacity in KVA |  |
| 3 | Total Connected load in kW |  |
| 4 | SRTPV capacity already connected in kWp |  |
| 5 | SRTPV capacity already proposed which is under progress in kWp |  |
| 6 | Proposed SRTPV Capacity in kWp |  |
| 7 | Total Generation Capacity (4+5+6) in kWp |  |
| 9 | Whether the transformer capacity is adequate to deliver the proposed SRTPV system in addition to existing/already proposed under progress solar RTPV systems.  [**Note: The Transformer shall be loaded upto 80% of capacity**]. | Yes/No |

**Enclosure:** Single line diagram of LT network connected to the Distribution transformer.

**Certificate:** I hereby certify that the above said SRTPV installation is technically feasible for inter connection with CESC Grid.

**Date:**

**Section officer, ……………..O&M Section CESC,Mysore**

**Format – 4**

**CHAMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LIMITED, MYSORE**

**(A Government of Karnataka Undertaking)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Technical Feasibility Report**  **(For the SRTPV plants from 50 kWp upto 2000 kWp & all HT installations)**  **(To be submitted by the Assistant Executive Engineer(Elec), O&M SD)** | | | | | |
| **Sl No.** | | **Parameter** | | **Utility Observation** | |
| **A** | | **Applicant details** | | | |
| 1 | | Name of the Applicant | |  | |
| 2 | | Application Registration Number | |  | |
| 3 | | RR Number | |  | |
| 4 | | Tariff category | |  | |
| 5 | | Sanctioned Load in kW / Contract demand in KVA | |  | |
| **C** | | **Feeder Details** | | | |
| 1 | | Name of the 11kV feeder | |  | |
| 2 | | Feeder Number | |  | |
| 3 | | Name of the Sub-Station | |  |
| 4 | | Type of the conductor/cable (size) | |  |
| 5 | | Current carrying capacity of the conductor/Cable in Amps | |  |
| 6 | | Total connected load on the feeder in Amps | |  |
| 7 | | SRTPV capacity already connected on the feeder in Amps | |  |
| 8 | | SRTPV capacity already proposed which is under progress on the feeder in Amps | |  |
| 9 | | Proposed SRTPV Capacity on the feeder in Amps | |  |
| 10 | | Total Generation Capacity on the feeder in Amps (7+8+9) | |  |
| 11 | | Whether proposed SRTPV installation technically feasible or not?  **[Note: Total Generation Capacity on the feeder in Amps (Sl.No.10) should be less than 80% of the current carrying capacity of the feeder in Amps in feasible cases]** | | Yes/No  (If it is not feasible state reasons) |

**Enclosure:** Single line diagram of the feeder.

**Certificate:** I hereby certify that the above said SRTPV installation is technically feasible for inter connection with CESC’s Grid.

**Date:**

**Assistant Executive Engineer (Elect) O&M Sub Division,…….. CESC,Mysore**