**Format - 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| b | | **Hubli Electricity Supply Company Limited**  *(Wholly owned by Government of Karnataka Undertaking)* | | |
| **Technical Feasibility Report**  **(To be submitted by the Section officer)** | | | |
| **Sl No.** | **Parameter** | | **Utility Observation** |
| **A** | **Applicant details** | | |
| 1 | Name of the Applicant | |  |
| 2 | RR Number | |  |
| 3 | Application Registration Number | |  |
| 4 | Tariff | |  |
| 5 | Type of connection: 1ph LT or 3 ph LT/HT | |  |
| 6 | Pole Number | |  |
| 7 | Next RR Number | |  |
| 8 | Sanctioned Load in kW / Contract demand in KVA | |  |
| **B** | **Distribution Transformer Details** | | |
| 1 | Location | |  |
| 2 | Capacity in KVA | |  |
| 3 | Total Connected load in kW | |  |
| 4 | Tong tester reading of current in all 3 phases and neutral | |  |
| 5 | SRTPV already Proposed/connected in kWp | |  |
| 6 | Proposed SRTPV capacity in kWp | |  |
| 7 | Total Generation Capacity (5+6) in kWp | |  |
| 8 | Whether the transformer capacity is adequate to deliver the proposed SRTPV system in addition to existing solar RTPV systems\* | | Yes/No |
| **C** | **Feeder Details(Existing Only)** | |  |
| 1 | Name of the 11kV feeder | |  |
| 2 | Feeder Number | |  |
| 3 | Name of the Sub-Station | |  |
| 4 | Type of the conductor/cable (size) | |  |

|  |  |  |
| --- | --- | --- |
| 5 | Total connected load on the feeder in kVA |  |
| 6 | Total capacity (kWp) of SRTPV systems connected on the feeder |  |
| 7 | Peak load on the feeder in Amps |  |
| 8 | Proposed SRTPV installation is technically feasible, if the total SRTPV capacity is less than or equal to the 11kV feeder capacity. | Yes/No (if it is not feasible, state reasons) |

The Transformer shall be loaded upto 80% of capacity.

**Enclosure: 11kV feeder & LT Distribution sketch of the transformer.**

I hereby certify that the above said SRTPV installation is technically feasible.

**Signature and Name**

**Section officer,**

**O&M Section \_\_\_\_\_\_\_\_\_\_\_\_,**

**HESCOM**