**MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**

 **(*State Transmission Utility*)**

 **Application Form for Final Grid Connectivity to Renewable Power Project**

|  |  |
| --- | --- |
| **A** | **GENERAL** |
| **1** | Name of the Applicant |  |
| **2** | **Address for correspondence:** |  |
| **3** | **Details of Contact Person** |
| Name |  |
| Designation |  |
| Mobile No. |  |
| Phone No. |  |
| E-Mail ID |  |
| **4** | **Details of the Generation Project:** |
| Location of Project (Site, Taluka, District) |  |
| Co-ordinates of location of plant/ Pooling S/s. at generation site (Latitude & Longitude) |  |
| Total Project Capacity (MW):  |  |
| Type of Generation:  |  |
|  **5** | **Details of Point of Injection** |
| Name of Transmission Licensee with whom system connection is required  |  |
| Name of EHV Sub-Station or EHV Line to which Project is being inter-connected |  |
| Voltage Level of Inter-connection |  |
| Details of Inter-connection arrangement (S/C or D/C, feeder length in Km., conductor type) |  |
| Generation Voltage and Step-up Voltage (kV) |  |
| Details of feeder protection on outgoing feeders to be connected to Transmission Licensee system for evacuation of power. |  |
| Attach Single Line Diagram of Point of Injection |  |
| Attach Copy of Single Line Diagram and layout of power station, switch yard |  |
| **6**  | **COMMISSIONIG SCHEDULE & COD of units**  |
| 1 | Unit No. | Unit Size (MW) | Date of Work Commencement | Work Completion Date | Date of Synchronization(Scheduled) | Scheduled Commercial Operation Date (COD) |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **7**  | **CERTIFICATION & CONFIRMATION**  |
| 1  | Copy of Power Purchase Agreement /MOU for power purchase |  |
| 2 | Consent from the concerned Distribution Licensee for drawal of infirm power |  |
| 3  | Confirmation to the effect that all conditions outlined in the Connection Agreement, Site Responsibility Schedule shall be complied with by the user applying for new connection or modification of existing connection.  |  |
| 4  | Confirmation to the effect that Standard Planning Data (Generation) in compliance to Grid Code for new connection  |  |
| 5  | Detailed Planning Data (Generation) in compliance to Grid Code for new connection  |  |

|  |
| --- |
| **Check List for Documents to be submitted alongwith Final Grid Connectivity application** |
| **Sr. No.** | **Particulars** |  |
| 1 | Work Completion Report as per the Scope of Works mentioned in GC letter from concerned Superintending Engineer, EHV (O&M) Circle |  |
| 2 | ABT Meters Work Completion/installation Report from concerned Superintending Engineer, PAC  |  |
| 3 | SCADA/RTU-DC installation & commissioning report from concerned Superintending Engineer, PAC  |  |
| 4 | Connection Agreement executed with the concerned Chief Engineer EHV CC O&M Zone, MSETCL |  |
| 5 | Site Responsibility Schedule along with equipment details executed with MSETCL |  |
| 6 | Approved Copy of Single Line Diagram and layout  |  |
| 7 | Approved copy of Metering Arrangement Scheme *(if applicable)* |  |
| 8 | Approved copy of Synchronization Scheme *(if applicable)* |  |
| 9 | Confirmation of AMR facility integration control center at MSLDC |  |
| 10 | Confirmation of visibility of Generation to MSLDC for real time monitoring. |  |
| 11 | Certificate towards readiness of visibility of Generation to MSLDC for real time monitoring |   |
| 12 | Consent from the concerned Distribution Licensee for drawal of power required for Start-up and auxiliary consumption from the network |  |
| 13 | Document showing unique registration number generated after registering the above generating unit with CEA online registration portal |  |
| 14 | Any other relevant document *(if applicable)* |  |
| 15 | FGC Application Form |  |

***Note: Filling up of all the columns in the above form is mandatory and for any non-applicable column please specify as “Not Applicable”.***

I, undersigned, hereby undertake that:

1. *I have verified the above mentioned information & documents attached and the same are in order.*
2. *As per CEA Technical standards for connectivity to the Grid (Amendment) Regulation 2019, after synchronization of project, I will carry out the measurement of Harmonics, Direct Current (DC) injection & Flicker at Point of Common Coupling (PCC) and submit the measurement results to Chief Engineer (SLDC), Airoli, Navi Mumbai at least once in a year.*
3. *As per MERC (Forecasting, scheduling & Deviation settlement for Solar & Wind Generation) Regulation 2018, before synchronization of the generation I will complete the formality of appointment of QCA, payment of Corpus amount to MSLDC through QCA etc. in coordination with MSLDC.*
4. *Whenever required, I shall furnish the Planning and existing data in the prescribed formats.*

|  |  |
| --- | --- |
|  | **Authorized Signatory** |
| Place : | Sign : |
|  | Name : |
| Date : | Designation : |
|  | Seal  |