**ANNEXURE B6**

**UNDERTAKING BY THE USER FOR ENERGIZATION AND INTEGRATION OF TRANSMISSION LINE/BAY AFTER ALTERATION (INCLUDING MODIFICATION/ REPLACEMENT/ UPGRADATION)**

**<Name of the User>**

**To,**

**The Chief General Manager**

**State Load Despatch Centre, Assam**

**AEGCL, Kahilipara, Guwahati-781019**

**Sub:** Charging/Energization and Integration of [**Element Name**] with **[Altered]** *(Specify the type of alteration like modified/replaced/upgraded etc.)* [**new CT/PT/CVT/CB/Isolator/LA/Bushing/Wave trap with ratings**] of **[User/Asset Owner**] at [**Substation Name**]

**Expected Date and Time of Charging:**

Sir,

There is alteration on [**old CT/PT/CVT/CB/Isolator/LA/Bushing/Wave trap with ratings**] of

[**Element Name**] at [**Substation Name**] due to [**reason**] on [**Date**]. The [**old CT/PT/CVT/CB/Isolator/LA/Bushing/Wave trap with ratings**] of [ ] make has been modified/replaced/upgraded by [User/**Asset Owner**] on [**Date**] with [**new CT/PT/CVT/CB/Isolator/LA/Bushing/Wave trap with ratings**] of [ ] make.

I hereby undertake that

|  |
| --- |
| **1.** The said (**new CT/PT/CVT/CB/Isolator/LA/Bushing/Wave trap with ratings**) is not a new power system element to be charged for first time and is a **[Altered]** *(Specify the type of alteration like modified/replaced/upgraded etc.)* power system element. |
| **2.** We have complied with CEA (Measures relating to Safety and Electric Supply) 2023 (as amended) and all statutory clearances have been obtained for the said alteration.  **2(a).** State Electrical Inspector Safety Clearance dated……, as per Reg 45 of CEA (Measures related to safety and electric supply) Regulations, 2023 and amendments thereof |
| **3.** After completion of the alteration works, all protection systems at [**Substation Name**] are in place. |
| **4.** There is no requirement of change in protection coordination at main and adjacent substations after completion of the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*) of the transmission line.  Or  Necessary protection coordination at main and adjacent substations after completion of the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*) of the transmission line has been carried out as per RPC guidelines. |
| **5.** There is no change in CTR/PTR w.r.t metering and telemetry. Healthiness of all telemetry channels is ensured and real time data including PMU data, if installed would flow to SLDC and/or RLDC immediately as the element is charged.  Or  There is change in CTR / PTR w.r.t metering and telemetry. Necessary activities for incorporation of changes at SLDC and/or RLDC have been done. Healthiness of all telemetry channels is ensured and real time data including PMU data, if installed would flow to SLDC and/or RLDC immediately as the element is charged. |
| **6.** There is no change in the configuration for PLCC/OPGW communication after completion of the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*) of transmission line. Healthiness of all available PLCC, OPGW communications etc. are ensured.  Or  Necessary changes incorporated in the configuration for PLCC/OPGW communication after completion of the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*) of transmission line. All available PLCC, OPGW communications etc. are restored and their healthiness is ensured. |
| **7.** There is no change in the length of transmission line after completion of the **[Alteration works]**  (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*).  Or  After completion of the the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*), the length of the transmission line is [**increased/decreased**] by m. |
| **8.** There is no change in the count of number of towers after completion of the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*) of transmission line.  Or  After completion of the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*), Nos. of additional towers are erected/removed in the transmission line. New erected/removed towers are (tower identification numbers) |
| **9.** There is no change in the course of transmission line or change in the type of power flow after completion of the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*).  Or  After completion of the **[Alteration works]** (*Specify the type of alteration like Diversion/Modification/Tower height modification etc.*), there is change in the course of transmission line and/or change in the type of power flow.  **9(a).** PTCC Clearance or Suitable Advisory on requirement of fresh PTCC Clearance by CEA is enclosed herewith. |

May kindly allow the energization and integration of [**Element Name**] with **[Altered]** *(Specify the type of alteration like modified/replaced/upgraded etc.)* [**new CT/ PT/ CVT/ CB/ Isolator/ LA/ Bushing/ Wave trap with ratings**] of **[User/Asset Owner]** at **[Substation Name]**.

Thanking you,

**Enclosures ( Please tick whichever applicable)**:

|  |  |
| --- | --- |
| **Annexures** | **YES / NO** |
| State Electrical Inspector Safety Clearance dated……, |  |
| PTCC Clearance or Suitable Advisory on requirement of fresh PTCC Clearance by CEA dated …. |  |

(**Name and Designation of the authorized person with official seal**)

**(not below the rank of Assistant General Manager or equivalent)**

**Place:**

**Date:**