**ANNEXURE-UC**

**UNDERTAKING** **BY CAPTIVE GENERATION COMPLEX**

**(To be submitted in Letter head of requesting entity)**

**T**his Undertaking is executed by Mr.…………………. [Name of authorized personal] on behalf of M/s…………………. [Name of company] having its registered address at ……….[registered address of company], in favour of State Load Dispatch Centre), AEGCL having its registered address at Kahilipara, Guwahati-19.

I,………..…...[Name of authorized personal] working as……………...[designation of authorized personal] at M/s ………………. [Name of company] with an ultimate installed capacity of ……..[Installed Capacity] MW and having connectivity to InSTS at……... [Name of Station Name, voltage level and Transmission licensee], do here by solemnly state and confirm as under:

1. Shall comply the IEGC, the AEGC and all the applicable regulations as enacted or amended from time to time as mentioned in regulation 5.1.3 AEGC and amendments thereof.

2. Shall furnish the data requested for evaluation of the short circuit level at the inter connection point.

3. PMU shall be suitably placed to monitor parameters at point of interconnection, wherever applicable.

4. Shall ensure that connection to the network does not result in a determined level of distortion or fluctuation of the supply voltage on the network, at the connection point. The level of distortion shall not exceed that mentioned in CEA Technical Standards to the Grid Regulations.

5. Modelling data (both EMT and RMS) along-with model validation report of the Bulk Consumers or Load Serving Entities and Combined (Load and Captive) generation complex for both steady state and transient conditions shall be submitted for simulation studies.

**Place: Signature of Authorized Representative**

**Date : (not below the rank of AGM or equivalent)**