

Standard Operating Procedure (SOP) for issuance of Completion Certificate by Central Transmission Utility of India Limited (CTUIL) for deemed COD of ISTS elements as per IEGC-2023

1. The provisions in the Indian Electricity Grid Code Regulation 2023, Regulation no. 27(1)(c)(i) regarding DOCO of ISTS stipulates the following:

“-----Provided also that in case a transmission system or an element thereof executed under regulated tariff mechanism is prevented from regular service on or after the scheduled COD for reasons not attributable to the transmission licensee or its supplier or its contractors but is on account of the delay in commissioning of the concerned generating station or in commissioning of the upstream or downstream transmission system of other transmission licensee, the transmission licensee shall approach the Commission through an appropriate petition along with a **certificate from the CTU to the effect that the transmission system is complete as per the applicable CEA Standards**, for approval of the commercial operation date of such transmission system or an element thereof.

Provided also that in the case of inter-State Transmission System executed through Tariff Based Competitive Bidding, the transmission licensee may declare deemed COD of the ISTS in accordance with the provisions of the Transmission Service Agreement after obtaining (a) **a certificate from the CTU to the effect that the transmission system is complete as per the specifications of the bidding guidelines and applicable CEA Standards** and (b) no load charging certificate from the respective RLDC, where no load charging is possible. -----”

2. In view of the above requirement, the following procedure has been prepared which will be followed by CTUIL for issuance of the said completion certificate:
 - i. Transmission licensee shall write a letter to GM (CMG), CTUIL clearly mentioning project elements which have been completed and for which completion certificate from CTU is sought. Transmission licensee shall also ensure that utilisation of these elements do not depend upon any incomplete element(s) within scope of the project as per TSA for TBCB projects and CTU's OM/NCT's letter/MoP's OM for RTM projects.
 - ii. The transmission licensee shall also attach the following documents along with the aforesaid letter for each of the completed elements:
 - a. Relevant extract of TSA or copy of CTU's OM/NCT's letter/MoP's OM, as applicable.
 - b. Approval from CEA for energization of each completed element under consideration
 - c. Single line diagram (in case of S/s) highlighting the completed works.

- d. In case, No-load Charging for the subject elements has been done, a Certificate from GRID-INDIA in this regard shall be submitted. In case, No-load charging has not been done due to any reason, an explanation from Transmission Licensee in this regard shall be submitted.
- e. Undertaking by transmission licensee towards completion of the project elements in conformity with applicable CEA Standards & Regulations and:
 - (i) Bidding Documents & Guidelines and TSA for TBCB projects.
 - (ii) CTU's OM/NCT's letter/MoP's OM for RTM projects.

The Undertaking shall be signed by CMD/CEO/MD/Director of Transmission licensee. However, if transmission licensee is a Central/State Govt. department/PSU, the Undertaking signed by Executive Director (or any officer authorised to exercise the powers of Executive Director, provided a letter to this effect is attached with the undertaking) is also acceptable for RTM projects.

The separate formats of undertaking, for RTM and TBCB projects, are attached at **Annexure-A**.

Undertaking towards “full/part” completion of “Name of the Project” by “Name of Transmission Licensee” as per Bidding Documents & Guidelines, TSA and applicable CEA Standards & Regulations

To whomsoever it may Concern

With reference to “Lol No.----- dated-----” awarded to “Name of Transmission Licensee” and TSA signed on “Date of signing of TSA.....”, I, “Name of CMD/CEO/MD/Director”, “CMD/CEO/MD/Director” of “Name of Transmission Licensee” hereby undertake that:

“Name of the Transmission Licensee” has completed the following elements in all respect as detailed below on “date of completion of the last element”.

Sl. No.	Name of the Transmission Elements <i>(To be filled up as per scope of works of transmission scheme in the TSA)</i>	Element(s) which are pre-required for declaring the Commercial Operation (COD) of the respective Element	Date of Completion ^d
1	<i>Element-1.....</i>
2	<i>Element-2.....</i>
3	<i>Element-3.....</i>
4			
5			
6			
7			

The above elements constitute “full/part” scope of the works under said project.

The above elements have been completed meeting all the requirements of the transmission line, sub-station, communication system and their inter-related systems conforming to the specifications of the Bidding Documents & Guidelines and CEA Standards & Regulations including (i) CEA (Technical Standards for Construction of Electrical Plants and Electric lines) Regulation, 2022 (ii) CEA (Technical Standards for

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Connectivity to the Grid) Regulations,2007 (iii) CEA (Technical Standards for Communication in Power System Operation) Regulations, 2020 (iv) CEA (Measures relating to Safety and Electricity Supply) Regulations, 2023, as amended from time to time. These elements are complete and ready in all respect for operation to their full capacity for declaration of deemed CoD for all regulatory and commercial purposes.

The aforesaid undertaking and statement is being made at the complete risk and cost of the "Name of the Transmission Licensee". Further, "Name of the Transmission Licensee" agrees and undertakes to indemnify and keep indemnified and harmless CTUIL, its Directors and Employees, and assigns from and against any and all actions, claims, proceedings, suits and judgements, damages and losses, all costs, charges and expenses relating thereto arising out of the aforesaid declaration regarding readiness of the transmission element(s)/assets(s).

Signature
Name & Designation

Date:

Notes:

- a) *This undertaking shall be signed by the authorized signatory not below the rank of CMD/CEO/MD/Director of the transmission licensee.*
- b) *The particulars to be filled have been highlighted.*
- c) *Strikeout as applicable.*
- d) *The date of completion should not be before the approval of energization by CEA.*

Undertaking towards “full/part” completion of “Name of the Project” by “Name of Transmission Licensee” as per CTU’s OM/NCT’s letter/MoP’s OM and applicable CEA Standards & Regulations**To whomsoever it may Concern**

With reference to “CTU’s OM/NCT’s letter/MoP’s OM dated-----” awarded to “Name of Transmission Licensee”. I, “Name of CMD/CEO/MD/Director/Executive Director”, “CMD/CEO/MD/Director/Executive Director” of “Name of Transmission Licensee” hereby undertake that:

“Name of the Transmission Licensee” has completed the following elements in all respect as detailed below on “date of completion of the last element”.

Sl. No.	Name of the Transmission Elements <i>(To be filled up as per scope of works of transmission scheme in the CTU’s OM/NCT’s letter/MoP’s OM)</i>	Element(s) which are pre-required for declaring the Commercial Operation (COD) of the respective Element	Date of Completion^d
1	Element-1.....	
2	Element-2.....	
3	Element-3.....	
4			
5			
6			
7			

The above elements constitute “full/part” scope of the works under said CTU’s OM/NCT’s letter/MoP’s OM.

The above elements have been completed meeting all the requirements of the transmission line, sub-station, communication system and their inter-related systems conforming to the scope of the CTU’s OM/NCT’s letter/MoP’s OM and CEA Standards & Regulations including (i) CEA (Technical Standards for Construction of Electrical Plants and Electric lines) Regulation, 2022 (ii) CEA (Technical Standards for Connectivity to the

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Grid) Regulations,2007 (iii) CEA (Technical Standards for Communication in Power System Operation) Regulations, 2020 (iv) CEA (Measures relating to Safety and Electricity Supply) Regulations, 2023, as amended from time to time. These elements are complete and ready in all respects for operation to their full capacity and applying for approval of CoD for all regulatory and commercial purposes.

The aforesaid undertaking and statement is being made at the complete risk and cost of the "Name of the Transmission Licensee". Further, "Name of the Transmission Licensee" agrees and undertakes to indemnify and keep indemnified and harmless CTUIL, its Directors and Employees, and assigns from and against any and all actions, claims, proceedings, suits and judgements, damages and losses, all costs, charges and expenses relating thereto arising out of the aforesaid declaration regarding readiness of the transmission element(s)/assets(s).

Signature
Name & Designation

Date:

Notes:

- a) *The Undertaking shall be signed by CMD/CEO/MD/Director of Transmission licensee. However, if transmission licensee is a Central/State Govt. department/PSU, the Undertaking signed by Executive Director (or any officer authorised to exercise the powers of Executive Director, provided a letter to this effect is attached with the undertaking) is also acceptable for RTM projects.*
- b) *The particulars to be filled have been highlighted.*
- c) *Strikeout as applicable.*
- d) *The date of completion should not be before the approval of energization by CEA.*