

ETS Room NOC Requirements (E-NOC)

1. Design NOC:

a. Required NOC documents

- Non Disclosure Agreements signed by all parties involved in the project.
- Confirmation of acceptance of EMPOWER'S rates & charges by letter from the developer
- Building plot affection plan copy in the name of owner.
- Land sales agreements copy or Land certificate from land department.
- Passport copy of the owner or the authorized signatory of the project.
- Valid power of attorney of authorized signatory **in case of company.**
- Valid trade license copy **in case the development owned by company.**
- Letter of confirmation of the demand load & delivery date.

b. Required Drawings

- I. Site setting out plan.
- II. Building plan showing location of ETS room.
- III. An enlarged ETS room layout showing the clear dimensions of the room.
- IV. Cross-section/elevation plan showing the clear height of the ETS room. Further cross sections to be submitted if the height across ETS room is not uniform due to presence of beams or floor slab level difference.
- V. A drawing showing architectural sectional which shows the clear height of the building.
- VI. A drawing showing the chilled water pipe routing from the building entry point towards the ETS room.
- VII. Chilled Water Schematic Riser Diagram showing the structural level of each floor of the building.

Important Points:

1. This NOC should be applied by the *building's main consultant* to obtain approval if proposed ETS room size and location is suitable to accommodate EMPOWER's primary side system equipments and piping.
2. Original copy of Non-Disclosure Agreements and offer letter for EMPOWER'S rates and charges will be sent to you by our Sales and Marketing Department provided that you filled-up and submitted the "Application Form for District Cooling Service" enclosed with our Building Owner's Guide booklet.
3. Plot Valve Chamber will be located within the plot premises and this has to be taken in consideration.
4. It is within EMPOWER'S scope to design the primary side system thus, drawings to be provided should not include the quantity and arrangement of Plate Heat Exchangers (PHEs).

2. Construction NOC:

a. Required NOC documents

- Approved Design NOC.
- Building plot affection plan copy in the name of owner.
- Letter of confirmation that District Cooling Services' Contract was signed.
- Program of Work for the ETS Room.
- Letter confirming delivery schedule for the Chilled Water.

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b. Required Drawings (DLTM coordinates)

- i. Site setting out plan.
- ii. Building plan showing location of ETS room.
- iii. An enlarged ETS room layout showing the clear dimensions of the room.
- iv. Cross-section/elevation plan showing the clear height of the ETS room. Further cross sections to be submitted if the height across ETS room is not uniform due to presence of beams or floor slab level difference.
- v. A drawing showing architectural sectional which shows the clear height of the building.
- vi. A drawing showing the chilled water pipe routing from the building entry point towards the ETS room.
- vii. Chilled Water Schematic Riser Diagram showing the structural level of each floor of the building.

Important Points:

1. This NOC should be applied by the building's main contractor after ETS room Design NOC was approved.
2. The purpose of this NOC is to obtain details from EMPOWER with regards to penetration/entry point of CHW piping into the building and arrangement of EMPOWER's primary side system equipments and piping inside the ETS room.
3. Plot Valve Chamber will be located within the plot premises and this has to be taken in consideration.
4. It is within EMPOWER'S scope to design the primary side system thus, drawings to be provided should not include the quantity and arrangement of Plate Heat Exchangers (PHEs).

3. Handing Over NOC:

3.1 Civil Works NOC

a. Required NOC documents

- Letter from building's main consultant confirming that ETS room was constructed in accordance with approved Construction NOC issued by EMPOWER.

b. Required drawing

- As- built drawing of ETS Room with all details.

Important Points:

1. NOC for civil works handing-over should be applied by the building's main contractor after ETS room was constructed as per approved Construction NOC.
2. The purpose of this NOC is to identify whether ETS room is ready for the delivery and installation of EMPOWER'S primary side system equipment and piping.

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3.2 Chilled Water Connection NOC

a. Required NOC documents

- Hot side piping's Water Analysis Report duly certified by an independent third party laboratory and approved by the building's main consultant. Report should not be more than three (3) weeks old prior to chilled water connection date. Moreover, the report should not be more than three (3) days old at the time of submitting officially to Empower.
- Copy of Approved Civil Works Handing Over NOC.
- Relevant Catalogues and Manuals for the pockets, sensor and transmitter (4 to 20 mA) comprising the temperature transmitter to be installed by Contractor.
- Drawing depicting the secondary side of the PHE with the sockets for sensors and gauges marked clearly with the correct dimensions

Important Points:

1. NOC for chilled water connection should be applied by the building's main contractor.
2. The purpose of this NOC is to provide clearance when building is ready to receive chilled water after reviewing Water Analysis Report.

4. Revalidation/Revalidation ETS Room related NOCs:

- Covering Letter
- Copy of the Original NOC – Originally signed letter and stamped drawings.

5. Revised ETS Room related NOCs:

- Covering Letter
- Copy of the Original NOC – Originally signed letter and stamped drawings.
- Revised Documents – (Revised Load or ETS Room Details Drawings)