

# ECBC Implementation in Telangana

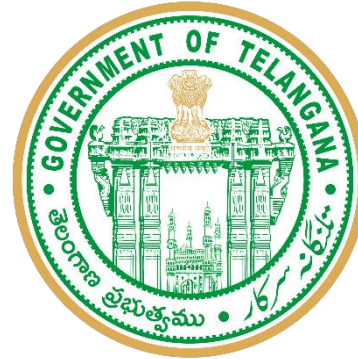
## SDA Experience and way forward

April 28, 2017

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**Telangana New & Renewable Energy Development Corporation Ltd.,  
(TNREDCL)**

**A State Government Company**





# Introduction

- In exercise of power under EC Act 2001, TNREDCL is nominated as State Designated Agency (SDA) to coordinate, regulate and enforce the provisions of the EC Act and implementation of schemes under EC Act 2001 within the state of Telangana vide G.O.Ms. No. 19 dated 03.07.2015 of Department of Energy, Telangana State. TNREDCL is also Nodal Agency to MNRE for implementing Renewable Energy Activities in the state.
- State Government through TNREDCL and with support of BEE is working for promoting, advancing and developing all the activates related to Energy Conservation within the state.
- SDA has already initiated many activities and brought new policies for promoting energy conservation measures in the state like mandatory procurement of BEE energy star rated appliances for government offices, conducting IGEA in Government buildings, waste het recovery studies in Industries, Energy Conservation Act 2001 awareness workshops for DCs and other stakeholders and many more.



# Mandatory ECBC in Telangana

- Energy Conservation Building Code (ECBC) is one of the initiative by Bureau of Energy Efficiency to promote the Energy Conservation activities in the built environment.
- In continuing the efforts on promoting Energy Conservation in Buildings, Government with support of ASCI, thought to reduce the Energy consumption in the built environment and constituted a technical committee where SDA as the key stakeholder to mandate the ECBC with the support of Municipal Administration department and notified ECBC as Mandatory through G.O. MS. No. 30 for commercial buildings.

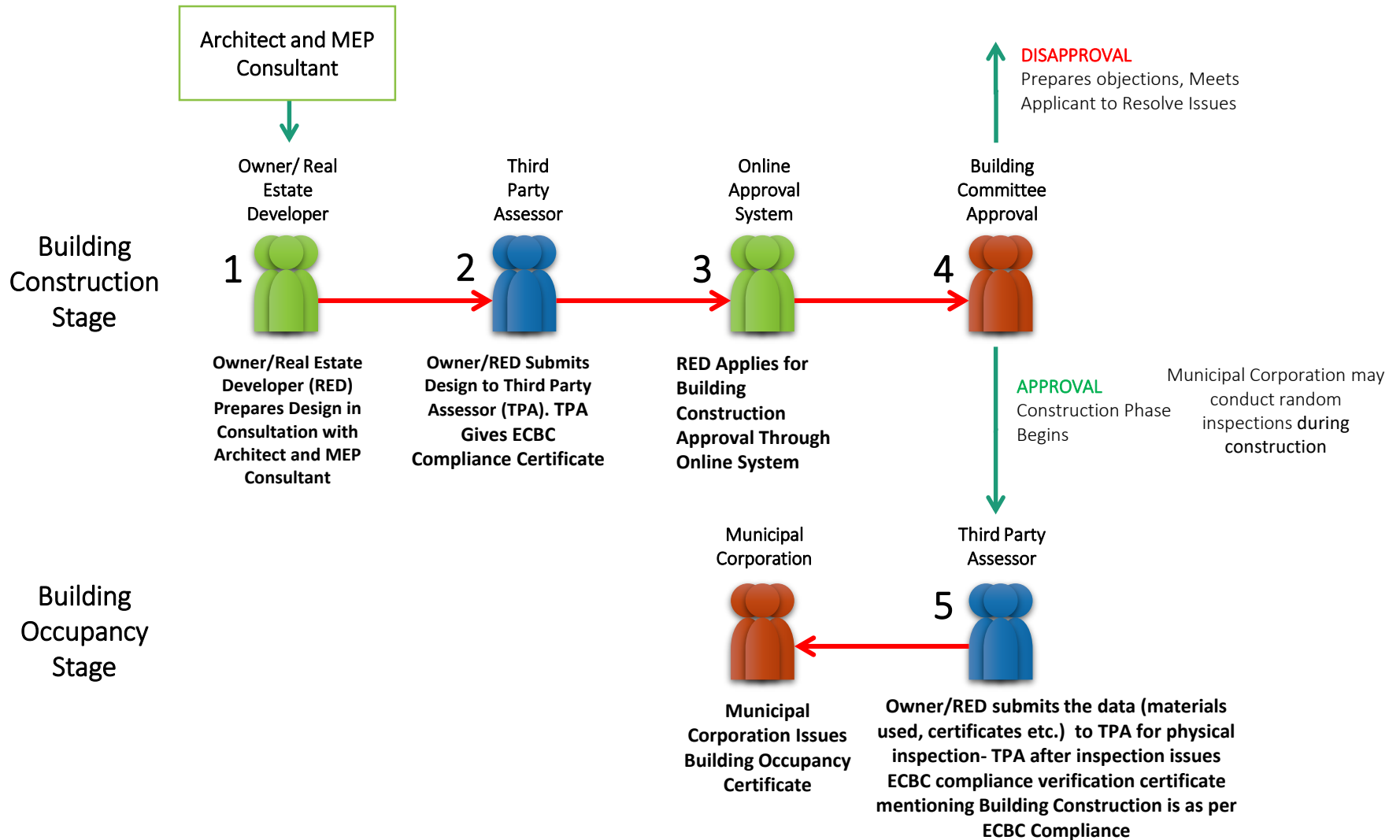


# Strengthening Mandatory ECBC in Telangana

- TNREDCL have developed an EC action plan for strengthening the Energy Conservation activities in the state which will be monitored quarterly by State Energy Conservation Committee (SECC)
- Accordingly, Government of Telangana constituted the State Energy Conservation Committee (SECC) through a Government Order No. 13 dated 17-04-2017 for monitoring the EC action plan where VC & MD, TNREDCL as Member Convener.
- **Strengthening the ECBC implementation in the state is one of the major activity of the committee in coordination with the existing ECBC technical committee**



# Telangana - ECBC Framework





# SDA Support for strengthening ECBC implementation

- The ECBC implementation in the state will be as per the framework developed by the technical committee.
- After mandating the ECBC compliance, first task is
  - Developing capacity building programme and
  - Empaneling the Third Party Assessors (TPAs) for verifying and certifying of ECBC compliance
- BEE-UNDP supported the initiative for developing capacity building programme and empanelling the TPAs.
- Accordingly, SDA entrusted ASCI for the same and they have conducted series of workshops such as one day workshops, two day and simulation workshops with the support of IIIT-H at different locations in the state and supported SDA for empanelling the TPAs.
- As of now 42 TPAs are empanelled. The list of existing TPAs is available at TNREDCL [website \(www.tnredcl.Telangana.gov.in\)](http://www.tnredcl.Telangana.gov.in)



# SDA Support for strengthening ECBC implementation

- To showcase and explain the ECBC compliance framework in Telangana, TNREDCL with support of BEE-UNDP has prepared a documentary film where ECBC Compliance mechanism is clearly explained through T-Hub (ECBC Complied) and NRSC buildings (ECBC complied and Platinum rated).
- The documentary will be released soon and will be made available to all the stakeholders.



# Effective implementation of ECBC – Next steps

- The ECBC implementation process will be further strengthened as per the directions of the technical committee
- Meanwhile, as per the directions of the committee, it is decided to continue the capacity building programme with certification and increase the number of Third Party Assessors (TPAs) in Telangana state.
  - TNREDCL with the support from BEE - UNDP entrusted ASCI to develop and conduct the capacity building programme. Accordingly TNREDCL and ASCI scheduled series of workshops along with certification examination which is in process.
  - Further necessary action would be taken as per technical committee direction for increasing the number of TPAs for effective implementation of ECBC in the state.





# Effective implementation of ECBC – Next steps

- With the support of BEE-UNDP, TNREDCL is going to establish an ECBC cell to support the ULBs, real estate developers, architects and other stakeholders for smoothening the ECBC implementation process in Telangana.
- The ECBC cell will be under administrative control of TNREDCL. ASCI will be the implementing agency to coordinate with the ULBs for strengthening the code implementation.



# Telangana ECBC –the best model in the Country

- We are proud to say that, we are the first state in the country to go ahead with the mandatory ECBC compliance through online building approval system.
  - As of now the ECBC compliance is already incorporated in the GHMC online building approval system along with the FAQs.
  - Further steps would be taken for incorporation of ECBC through online building approval system of remaining ULBs in coordination with the MAUD department.
- We hope TSECBC implementation model will be the best model in the country



*We from SDA request all the stakeholders and line departments to support further for Effective Implementation of ECBC in the state of Telangana.*

We Thank BEE-UNDP for their continues support towards strengthening this initiative

# Thank you!

**Telangana New & Renewable Energy Development Corporation Ltd., (TNREDCL)**

