



PUNJAB STATE POWER CORPORATION LIMITED

(O/o CE/Commercial, Patiala, Ph. No.0175-2214495)

Regd. Office- PSEB Head Office, The Mall, Patiala-147001

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Commercial Circular No. 24/2025

To

1. All Er.-in-Chief/ CE (DS), Under PSPCL.
2. All Dy. CE/ SE (DS), Under PSPCL.

Memo No. 639-664/Supply Code-2024 /Vol.1

Dated: 15.07.2025

Sub:Regarding approved/standardized rating of distribution transformers (DTs) to be used in various type of colonies by the developers

1. As per notification issued by Hon'ble PSERC, Supply Code-2024 has been circulated vide CC No. 41/2024 and same has come into force w.e.f. 14.11.2024. As per Regulation 12 (for Individual Connection Supply Scheme) and Regulation 13 & 15 (for Single Point Supply Scheme) of the Supply Code-2024, the installation of LD system within colonies/complexes must comply with the CEA (Measures Relating to Safety & Electricity Supply) Regulations, 2023, as amended from time to time. Additionally, Regulation 46 (2) of the CEA Regulations mandates that only dry type distribution transformers (DTs) shall be used inside residential and commercial buildings. Based on the provisions of the Supply Code-2024, detailed guidelines for Regulation-12 were issued vide CC No. 45/2024 dated 12.11.2024 and for Regulation 13 & 15 were issued vide CC No. 48/2024 dated 05.12.2024.
2. The matter regarding the standard ratings and specifications of Dry Type DTs and Oil Type DTs has been considered by the competent authority and it has been decided to issue the following instructions regarding standardization of ratings and specifications of Dry Type DTs and Oil Type DTs to be used in colonies/ complexes :-
 - i) For Individual connection supply scheme (under Regulation 12), following DT ratings are standardized for both dry type DTs and Oil type DTs:-
 - 100 KVA (Al Wound)
 - 200 KVA (Al Wound)
 - 315 KVA (Al Wound)
 - 500 KVA (Cu Wound)
 - ii) For Single point supply scheme (under Regulation 13 & 15), following DT ratings are standardized for both dry type DTs and Oil type DTs:-
 - 100 KVA (Al Wound)
 - 200 KVA (Al Wound)
 - 315 KVA (Al Wound)
 - 500 KVA (Cu Wound)
 - 1000 KVA (Cu Wound)
 - 1600 KVA (Cu Wound)
 - 2000 KVA (Cu Wound)
 - 2500 KVA (Cu Wound)

- iii) Dry type DTs are only allowed inside the residential and commercial buildings. Under no circumstances dry type DTs should be used outside residential and commercial buildings.
- iv) Oil type DTs are allowed only for outside use i.e. exposed to outdoor environmental conditions. Under no circumstances oil-type DTs should be used inside residential and commercial buildings.
- v) Both dry type DTs and oil type DTs above 500 KVA rating are allowed only under Single Point Supply Scheme for High rise apartments/Buildings, Commercial complexes, Malls only and are not allowed for all other colonies.
- vi) The specifications of above mentioned standard ratings of Dry type DTs & Oil Type DTs are circulated by the office of CE/MM and are available on the PSPCL website at: www.pspcl.in
→ Information Centre → Office Orders & Circulars (New) → Office Orders and Circulars → CE/MM.
- vii) Adequate redundancy of DTs shall be ensured in future NOC cases where DTs of capacity higher than 500 KVA have been proposed to be used by ensuring installation of at least two no. DTs of same highest rating in a project. An illustration regarding redundancy of DTs is given below :-
- | Sr. No. | Total DT capacity required for a project (assumed) | Allowed combinations of DTs (since redundancy ensured for >500 kVA DTs) | Combinations of DTs not allowed (since no redundancy ensured for >500 kVA DTs) |
|---------|--|---|--|
| 1 | 800 kVA | $500 \times 1 + 315$ | 1000×1 |
| 2 | 4800 kVA | $2000 \times 2 + 500 + 315$
or
$1600 \times 2 + 1000 + 315 \times 2$
or
$1000 \times 4 + 500 + 315$ | $2500 \times 1 + 2000 \times 1 + 315$
or
$2500 \times 1 + 1000 \times 2 + 315$ |
| 3 | 6800 kVA | $2500 \times 2 + 1000 + 500 + 315$
or
$2000 \times 3 + 500 + 315$
or
$1600 \times 4 + 500$ | $2500 \times 1 + 2000 \times 2 + 315$
or
$2000 \times 1 + 1600 \times 3$ |
- viii) Wherever DTs of 1000 KVA & above (both Oil Type & Dry Type) are to be erected, the protections system including VCB Panels, breakers, relays for overcurrent, earth fault, and other essential protections, CT/PT, Auxiliary Supply, wiring etc. be provided by the developer in a separate control room as per the specification of Substation Design Organization of PSPCL.
- ix) Firms intending to register as vendors for Dry Type and Oil Type DTs of the approved ratings are required to approach the office of CE/MM, PSPCL, Patiala. Similarly, those seeking registration as vendors for Protection Systems should contact the office of CE/TS, PSPCL, Patiala.
- x) Developers should maintain proper clearances around a dry-type DT and comply with IS 2026, IS 1646 (1997) for fire safety and the National Building Code (NBC) of India.
3. Further, a committee of Director/Commercial and Director/Distribution is authorized for deciding any technical and commercial issue concerned with the installation of all types of Dry Type and Oil Type DTs of rating upto 2500 KVA and above on case-to-case basis.
Meticulous compliance of these instructions shall be ensured.
This issues with the approval of competent authority.


Dy. CE/Regulation,
for CE/Commercial,
PSPCL, Patiala.

ਉਪਰੋਕਤ ਦਾ ਉਤਾਰਾ ਹੇਠ ਲਿਖਿਆਂ ਨੂੰ ਸੂਚਨਾ ਤੇ ਲੋੜੀਂਦੀ ਕਾਰਵਾਈ ਲਈ ਭੇਜਿਆ ਜਾਦਾ ਹੈ:

1. ਮਾਨਯੋਗ ਬਿਜਲੀ ਮੰਤਰੀ, ਕਮਰਾ ਨੰ. 24, 7th ਮੰਜਿਲ, ਪੰਜਾਬ ਸਿਵਲ ਸਕੱਤਰੇਤ- 1, ਚੰਡੀਗੜ੍ਹ।
2. ਚੇਅਰਮੈਨ-ਕਮ-ਮਨੈਜਿੰਗ ਡਾਇਰੈਕਟਰ, ਪੰ:ਰਾ:ਪਾ:ਕਾ:ਲਿਮ., ਪਟਿਆਲਾ।
3. ਸਾਰੇ ਨਿਰਦੇਸ਼ਕ, ਪੰ:ਰਾ:ਪਾ:ਕਾ:ਲਿਮ., ਪਟਿਆਲਾ।
4. ਵਿੱਤ ਕਮਿਸ਼ਨਰ/ ਫਾਇਨੈਂਸ ਟੂ ਗੌਰਮਿੰਟ ਪੰਜਾਬ ਐਕਸ-ਆਫਿਸੋ ਮੈਂਬਰ, ਪੰ:ਰਾ:ਪਾ:ਕਾ:ਲਿਮ., ਪਟਿਆਲਾ।
5. ਸਕੱਤਰ/ਬਿਜਲੀ ਵਿਭਾਗ, ਪੰਜਾਬ ਸਰਕਾਰ, ਚੰਡੀਗੜ੍ਹ।
6. ਸਕੱਤਰ/ਪੰਜਾਬ ਸਰਕਾਰ/ਇੰਡ: ਅਤੇ ਕਾਮਰਸ ਵਿਭਾਗ, ਪੰਜਾਬ ਸਰਕਾਰ, ਚੰਡੀਗੜ੍ਹ।
7. ਸਕੱਤਰ/ਪੰਜਾਬ ਰਾਜ ਬਿਜਲੀ ਰੈਗੂਲੇਟਰੀ ਕਮਿਸ਼ਨ, ਸਾਇਟ ਨੰ: 03, ਸੈਕਟਰ-18ਏ, ਮੱਧ ਮਾਰਗ ਚੰਡੀਗੜ੍ਹ।
8. ਪ੍ਰੈਜੀਡੈਂਟ, ਸਟੇਟ ਡਿਸਟ੍ਰਿਬਿਊਟ ਰਿਡਰੈਸਲ ਕਮਿਸ਼ਨ (ਪੰਜਾਬ) ਐਸ.ਸੀ.ਓ ਨੰ: 3009-10, ਸੈਕਟਰ-22, ਚੰਡੀਗੜ੍ਹ।
9. ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ ਚੇਅਰਮੈਨ(ਫੋਰਮ), 220 ਕੇ.ਵੀ ਸਬ-ਸਟੇਸ਼ਨ, ਫਿਰੋਜ਼ਪੁਰ ਰੋਡ, ਸਾਹਮਣੇ ਵੇਰਕਾ ਮਿਲਕ ਪਲਾਂਟ, ਲੁਧਿਆਣਾ।
10. Ombudsman, Electricity Punjab 66 KV Grid Sub Station, Plot No. A-2, Industrial Area, Phase 1, SAS Nagar (Mohali) -160055.
11. ਨਿੱਜੀ ਸਕੱਤਰ ਟੂ ਬਿਜਲੀ ਮੰਤਰੀ, ਪੰਜਾਬ ਸਿਵਲ ਸਕੱਤਰੇਤ, ਪੰਜਾਬ, ਸਰਕਾਰ, ਚੰਡੀਗੜ੍ਹ।
12. ਚੀਫ-ਕੋ-ਆਰਡੀਨੇਟਰ, ਉਦਯੋਗ ਸਹਾਇਕ ਡਾਇਰੈਕਟਰ ਆਫ ਇੰਡੀਸਟਰੀਜ਼ ਪੰਜਾਬ ਸੈਕਟਰ-17, ਚੰਡੀਗੜ੍ਹ।
13. ਮੁੱਖ ਬਿਜਲੀ ਇੰਸਪੈਕਟਰ, ਪੰਜਾਬ ਸਰਕਾਰ, ਪਟਿਆਲਾ।
14. Finance Advisor, PSPCL, Patiala.
15. Chief Auditor, PSPCL, Patiala.
16. CE/ARR & TR, PSPCL, Patiala.
17. CE/MM, PSPCL, Patiala.
18. CE/IT, PSPCL, Patiala.
19. CE/TS, PSPCL, Patiala.
20. ਉੱਪ ਮੁੱਖ ਇੰਜ: /ਸੇਲਜ਼-1, ਉੱਪ ਮੁੱਖ ਇੰਜ: /ਸੇਲਜ਼-2 ਪੰ:ਰਾ:ਪਾ:ਕਾ:ਲਿਮ. ਪਟਿਆਲਾ।
21. All Addl. SEs/Sr. Xens/AEEs under PSPCL / Commercial Organization.
22. CAO/TR (Finance), PSPCL, Patiala.


Sr. Xen/ Nodal Officer-2
for CE/Commercial,
PSPCL, Patiala.