

ಹುಬ್ಬಳ್ಳಿ ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯಮಿತ  
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)  
ನಿಗಮ ಕಚೇರಿ, ಪೂನಾ ಬೆಂಗಳೂರು ರಸ್ತೆ, ನವನಗರ.

ಹುಬ್ಬಳ್ಳಿ

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Date: **17 JUN 2011**

**CIRCULAR**

**Sub: Providing of additional DTC's under E&I works-reg.**

It has come to notice of Management that the estimate for providing of additional DTC's under E&I works are being prepared without any scientific basis and also only when consumer approaches HESCOM Officials that too without considering the essentiality of the requirement of transformer.

It is learnt that the estimates which have been sanctioned are as old as 2005. Many works of providing additional transformer to release the load on over loaded transformer are yet to be taken up even though the materials for such transformers are given. This is because the supplied materials for these estimates are diverted for other estimates which are sanctioned after that period. This clearly shows there is no proper monitoring of the works right from section officer to Chief Engineer (Ele) which is regrettable to note, because we are spending around Rs.2.5 Lakhs average on each E&I works, in spite of which there is no noticeable reduction in the rate of failure of transformers.

During monthly revenue review meeting held on 19.05.2011 it is directed by Managing Director to adhere to the following action plan while preparation, sanctioning & executing of additional transformer under E&I works.

**A) For providing additional transformers for all the estimates which are already sanctioned.**

- 1) a) All the works for which the estimates are already sanctioned are to be re inspected by concerned SO's/AEE/EEE to confirm the essentiality of additional DTC required by obtaining all the details by inspecting the spot i.e. RR. No. of each IP Set with connected load etc.
- b) A single line diagram showing the span length, RR No, connected load etc., of existing transformer and proposed transformer and residual load on existing transformer is to be furnished along with following certificate.

*Certified that I have personally inspected spot on \_\_\_\_\_ for the work of providing additional DTC \_\_\_\_\_ KVA Capacity to reduce a load on existing \_\_\_\_\_ kVA DTC at \_\_\_\_\_ village located at \_\_\_\_\_ in \_\_\_\_\_ Sub Division and I confirm that above work Sanctioned vide W.O.No \_\_\_\_\_ Date: \_\_\_\_\_ to an amount of Rs. \_\_\_\_\_ Lakhs is essential as a existing transformer is having load of \_\_\_\_\_ HP/KW/KVA.*

- 2) The concerned SEE shall also inspect about 10% of the total sanctioned works in their jurisdiction & Chief Engineer (Ele) shall inspect about 5% of the total sanctioned works in their jurisdiction to confirm the requirement of additional DTC's as proposed above by SO/AEE/EE. The certificate to this effect is to be furnished by concerned by SEE/CEE.
- 3) For all the sanctioned works of additional DTC's for which the works are completed before 30.04.2011, completion reports shall be obtained and no material should be issued to such completed works.
- 4) After inspection of spot as stated above, if the additional DTCs proposed are found to be not required, then, all such work orders shall be cancelled by placing necessary OM by concern EEE O&M Divisions.

**B) For new estimates, for which additional DTC's are required.**

**For preparation and sanctioning of new estimates, the following procedure shall be followed.**

1. A register containing a list of all overloaded transformer is to be prepared and maintained by each SO/AEE/EEE of respective Section/Sub-Division/Division of the area as per the formats sent through e-mail on 23.05.2011 by corporate office.
2. Estimate shall be prepared for such DTC's duly following priority i.e. from most overloaded to least overloaded transformers and also frequently failed DTC's at the same place due to over load reasons.
3. The AEE of O&M Sub Division shall counter sign the estimates duly verifying the list of overloaded transformers maintained in the Sub Division and a certificate regarding same shall be recorded in the estimate as indicated in above para no. A-1b.
4. The EEE of concerned O&M Division shall also verify these estimates with the register maintained at Division office and shall undertake the spot inspection (of those estimates submitted by SO/AEE) for ascertaining the necessity of the additional DTC and the certificate to this effect shall be recorded in the estimates as noted below before sanctioning.

*I have personally inspected the spot on \_\_\_\_\_ & verified that this estimate for providing additional DTC of \_\_\_\_\_ KVA capacity transformer for diverting the load from the overloaded existing \_\_\_\_\_ KVA transformer is essential.*

5. Following information shall be furnished along with each estimate.
  - i. Neat sketch of S.L.D of existing DTC with marking of each span length along with R.R.No. of IP Sets, unauthorized IP set if any.
  - ii. The single line diagram of all circuits of DTC's shall be clearly mentioned.
  - iii. A separate list of all RR No of IP Sets along with Name, Connected load, Date of Service, Arrears and if any infrastructure amount is to be paid by the consumer for regularized IP Sets shall be mentioned.
  - iv. The proposed DTC shall be at the load center.
  - v. Calculate the HTVR, LTVR before and after proposing additional DTC's.
  - vi. Calculate Annual Energy Losses before and after proposing additional DTC's & Energy Savings. Cost to Benefit Ratio.
  - vii. A detailed report explaining work involved shall be furnished in the estimate.

A consolidated statement along with copies of estimates with detail work wise material requirements for the works shall be submitted to the Corporate Office within 30.06.2011, for arranging the procurement of materials/for issuing of capital budget.

  
**Managing Director**  
**HESCOM, Hubli**

Copy for information and further needful to

1. All Chief Engineers of O & M Zones, HESCOM, \_\_\_\_\_.
2. All Superintending Engineers of O & M Circles, HESCOM, \_\_\_\_\_.
3. General Manager (T)/Superintending Engineer (Ele), Tendering and Procurement/PMC, HESCOM.
4. All Controller of Accounts of HESCOM, \_\_\_\_\_.
5. All Executive Engineers of O & M Division, HESCOM, \_\_\_\_\_.
6. All Executive Engineers of Corporate Office, \_\_\_\_\_.
7. All Assistant Executive Engineer (Ele), O & M Sub-Divisions, HESCOM, \_\_\_\_\_.

Copy to PS to DT/FA, to place the circular before DT/FA.

OC/MF