

Gujarat Urja Vikas Nigam Limited

(An ISO 9001:2008 Company)

Sardar Patel Vidyut Bhavan Race Course, Vadodara-390007
(GST NO. 24AACCG2861L1ZK CIN U40109GJ2004SGC045195)



E-mail IDs – cetech.guvnl@gebmail.com
eetech2.guvnl@gebmail.com

Tele (Di): (0265) 2340205
PBX: (0265) 2310582 to 86
FAX: (0265) 2337918, 2338164

No. GUVNL/Tech-2/DE-1/HT per KVA Cost/ **1548**

Date: 06.08.2020

By FAX/e-mail

To,
The Managing Director,
Corporate Office,
DGVCL/ MGVCL / PGVCL / UGVCL,
Surat / Vadodara/ Rajkot/ Mehsana.

Sub: Levy of per KVA based charges from the applicant toward expenditure to be incurred by Distribution Licensee for development of electrical network for providing power supply at 11 KV/22 KV voltage level for new HT connection/additional demand – Guideline thereof.

- Ref:**
1. Hon'ble GERC Order dated 07.07.2020 in the Petition No. 1829 of 2019 filed by GUVNL.
 2. GERC (Licensee's Power to recover expenditure incurred in providing Supply and other miscellaneous charges) (Second Amendment) Regulations, 2020 (Notification 3 of 2020).

Respected Sir/ Madam,

In the Petition filed by GUVNL on behalf of DISCOMs being Petition No. 1829/2019, Hon'ble GERC vide order dated 07.07.2020 has approved the proposal for levy of Per KVA based charges from the applicant toward expenditure to be incurred by Distribution Licensee for development of electrical network for providing power supply at 11 KV/22 KV voltage level for new HT connection/additional demand.

Further, prior to approval of above proposal, Hon'ble Commission vide notification dated 25.06.2020 has also amended the regulation on 'Licensee's Power to recover expenditure incurred in providing Supply and other miscellaneous charges'

incorporating necessary modifications in the regulation for allowing recovery of charges on the Per KVA basis.

In the order dated 07.07.2020, Hon'ble GERC has approved the recovery of Per kVA based estimate charges for release of 11KV/22 KV new HT connection / load extension up to 5.5 KM line length for overhead network as under:

- (i) The rate for the new HT connections / load extension for demand up to or less than 500 kVA: Rs. 1,500 per kVA.
- (ii) The rate for the new HT connections / load extension for demand above 500 kVA: Rs. 1,800 / kVA.

Further, Hon'ble Commission has also allowed DISOCMs to continue with the recovery of actual expenditure over and above Per KVA based charges in case of:

- a. Overhead HT network of 11 / 22 kV above 5.5 KM for additional network greater than 5.5 KM;
- b. Railway crossing;
- c. Highway crossing.

In the order dated 07.07.2020, Hon'ble Commission has clarified that the above Per KVA based estimate charges shall be applicable for all the HT applicants (for 11KV/22 KV new HT connection / load extension) for which the estimates have not been issued as on the date of Order (i.e. 07.07.2020).

A Video Conference was held on 14.07.2020 & 20.07.2020 with all DISCOMs, for uniform implementation and after due deliberation with all DISCOMs, draft general guidelines were prepared and mailed to all DISCOMs for their views.

In order to ensure uniform implementation of above rates/methodology across the DISCOMs, following general guidelines are being issued after due deliberation and consultation with all DISCOMs:

- 1) The above Per KVA based estimate charges shall be applicable for HT load demand (new connection/additional demand) up to 4000 KVA at 11 KV & up to 8000 KVA at 22 KV.
- 2) The above Per KVA based estimate charges is in lieu of overhead-infrastructure to be developed by DISCOM i.e. for line & service connection charges of DISCOM.

- 3) In addition to the above mentioned per KVA Charges, the GETCO pro-rata charges and line strengthening charges of GETCO will continue to be recovered as per prevailing norms.
- 4) The Per KVA charges shall be applicable to all applicants demanding for
 - (a) New HT connections
 - (b) The Per KVA charges shall be applicable to all applicants demanding for
 - (i) Additional load demand, at 11KV/22KV voltage level – (Within Agreement Period)

In case, HT consumer demands additional load, the Per KVA based rate shall be applicable as per the total demand less equivalent charges for existing demand worked out by applying Per KVA based charges of respective slab.

For example:

- i) If an existing HT consumer having 300 KVA load and applies for additional demand from 300KVA to 400 KVA then the charges to be recovered are as under

$$\text{Rs } \{(400 \times 1500) - (300 \times 1500)\} = \text{Rs. } 1,50,000/-.$$
 - ii) If an existing HT consumer having 300 KVA load and applies for additional demand from 300KVA to 600 KVA then the charges to be recovered are as under.

$$\text{Rs } \{(600 \times 1800) - (300 \times 1500)\} = \text{Rs. } 6,30,000/-.$$
 - iii) If an existing HT consumer having 600 KVA load and applies for additional demand from 600KVA to 1000 KVA then the charges to be recovered are as under

$$\text{Rs } \{(1000 \times 1800) - (600 \times 1800)\} = \text{Rs. } 7,20,000/-.$$
- (ii) Additional load demand, at 11KV/22KV voltage level – (Beyond Agreement Period)

In case, HT consumer demands additional load and if total load (Existing + Additional) exceeds 500 KVA then Per KVA based rate shall be applicable @ Rs. 1800/- per KVA on additional demand only while if total load (Existing + Additional) is below 500 KVA then Per KVA based rate shall be applicable @ Rs. 1500/- per KVA on additional demand only.

For example:

- i) If an existing HT consumer having 300 KVA load and applies for additional demand from 300 KVA to 700 KVA then the charges to be recovered are as under.
Rs (400 x 1800) = Rs. 7,20,000/-.
- ii) If an existing HT consumer having 300 KVA load and applies for additional demand from 300 KVA to 400 KVA then the charges to be recovered are as under
Rs (100 x 1500) = Rs. 1,50,000/-.
- iii) If an existing HT consumer having 600 KVA load and applies for additional demand from 600 KVA to 1000 KVA then the charges to be recovered are as under
Rs (400 x 1800) = Rs. 7,20,000/-.
- c) In case of application for conversion from LT connection to HT connection, the Per KVA based rate shall be applicable on the total new demand sought for HT Connection.
- 5) In case of new connection, the technical feasibility for releasing new connection is to be assessed from nearby feeder only and in case of extension in demand, the feasibility is to be assessed from existing feeder only.
- 6) If the normal distribution system is underground and nearby feeder is also having underground network, then new connection shall be proposed with underground cable network only. Similarly, for extension of HT line from existing underground feeder shall be with underground cable network only and for such underground works, actual cost incurred shall be recovered as per the prevailing practice.
- 7) If the HT new connection/additional load is proposed from an overhead Network/feeder, the proposed HT line shall be erected overhead only. The Underground cable line shall be laid only in those parts of the line route where erection of overhead line is technically not feasible. The actual cost of such underground part of the line with underground components shall be recovered as per actual cost incurred as per the prevailing practice over and above the Per KVA based recovery of charges.
- 8) If erection and/or augmentation of line is more than 5.5 km, in such case additional cost towards line in excess of 5.5 km shall be recovered from the applicant. However, the cost of new line up to 5.5 km shall be adjusted first against fix cost, in case of work of new erection as well as augmentation of line.

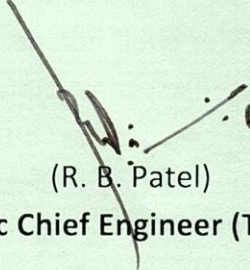
- 9) In case of requirement for erection of hybrid type network (i.e. overhead and underground) for proposed HT line, the length of only overhead line shall be considered for deciding the criteria of permissible line length of 5.5 km for applicability of Per KVA based charges. In such case, actual cost of the underground part of HT line along with underground cable components shall be recovered from applicant over and above the Per KVA based estimate charges.
- 10) In case of erection of new line for a proposed group of more than one connections, actual cost of line in excess of 5.5 Km shall be recovered proportionately from all applicants over and above Per KVA based charges.
- 11) In view of the increasing Right of Way (RoW) and Way Leave related issues, separate feeder shall not be permitted to consumer. However, if it is not technically feasible to release the connection/additional demand from the existing/nearby network in that case, feeder bifurcation is to be carried out.
- 12) Separate feeder shall be allowed only if HT new/existing/additional demand is requested by Government/local body for water works/sewage, Government Hospitals and Military services. In such cases, cost as per KVA rate or actual cost of feeder whichever is higher shall be recovered.
- 13) Since the recovery of charges is on Per KVA basis irrespective of actual cost involved for release of new connection/ additional demand, work under Option-II shall not be permitted.
- 14) The consumer/applicant shall require to pay actual charges separately towards following:
 - 1) For customized request like shifting of metering point, shifting of line, conversion of existing overhead network by either AB cable or Underground cable.
 - 2) Where separate Infrastructural Network developed under Critical Infrastructure Project, where Government's/Developer's contribution is involved, since specialized equipments such as Ring Main Unit (RMU) and HTMC (Outdoor-VCB/LBS with CTPT in single enclosure with installation on plinth) are also installed resulting into higher cost.
 - 3) Charges/costs towards Railway crossing, Highway crossing, Canal crossing, way leave, deforestation, GIDC permission etc.
 - 4) In case of Hybrid/overhead network, where underground cable is laid (other than feeder cable at SS end), the actual cost of underground cable along with underground cable components is to be recovered from the applicant.

The estimate issued after the date 7.7.2020 is to be revised accordingly.

The above guidelines are issued for smooth and uniform implementation of Per KVA based recovery of charges in all DISCOMs. In case of any dispute, interpretation of Hon'ble GERC order dated 07.07.2020 shall be considered as final. DISCOMs may upload the copy of GERC order dated 07.07.2020 on its website.

Further, as directed by the Hon'ble Commission in the order dated 07.07.2020, all the required details in relation to cost incurred by DISCOMs towards development of network for providing new connection/additional demand is to be maintained by the DISCOMs for submission to the Hon'ble Commission.

This is submitted with the approval of MD, GUVNL.


(R. B. Patel)
I/c Chief Engineer (Tech)

Copy fwcs to:

- PS to ACS EPD, 5th Floor, Block 5, New Sachivalay, Gandhinagar.
- MD, GUVNL, Vadodara

cc to:

- GM (Comm)/(F&A), Vadodara
- GM (IT), GUVNL, Vadodara- With a request to update HT CRM module accordingly
- The Liaison Officer, Office of the MoE, 1st Floor, Swarnim Sankul -1, Gandhinagar.
- The Liaison Officer, Office of the MoSE, Swarnim Sankul-2, 3rd Floor, Sachivalay, Sector-10, Gandhinagar-382010