

AGENDA FOR THE MEETING TO BE HELD ON 09.05.2019 WITH OFFICIALS OF PVVNL REGARDING VOLUME – II OF 19TH ELECTRIC POWER SURVEY- DELHI (NCR)

Background:

Periodic Electric Power Survey (EPS) of the country is conducted by Central Electricity Authority (CEA) to assess all-India electricity demand of the country on medium and long term basis. So far, 18 such exercises have already been conducted and the 19th edition of Electrical Power Survey is in progress at present. In the first meeting of 19th Electric Power Survey Committee (EPSC) held in July 2015, it was decided that the report of 19th EPSC would be brought out in four volumes. The first volume covering DISCOM-wise, state/UT-wise, region-wise, and all-India electricity demand projection by partial end use method (PEUM) was published in January 2017. At present, the second volume viz. “Electric Power Survey of National Capital Region (NCR)” is under preparation.

CEA has written to all DISCOMs catering to the need of electric power of NCR on 02.12.2016 to furnish data/information of areas coming under their respective jurisdictions (Annexure-I). A format for this purpose was also shared therewith (Annexure-II). Thereafter, the matter has been regularly followed up through letters/telecom/emails. A meeting with all concerned was also conveyed under the chairmanship of Chief Engineer (PSLF) on 27th November 2018 in CEA headquarter. However, the requisite information is still not available till date. In some cases, data/information has not been received whereas in some cases, the information submitted was found incomplete. Also, in some cases, clarifications on inconsistency found in submitted data/information have been called for that still remains unaddressed. Also, it has been noticed that the input data sent by the utilities for the previous EPS, i.e. 18th EPS, does not match with the data provided by utilities for the preparation of 19th EPS. Report of 18th EPS-Delhi (NCR) is attached as Annexure-III. The meeting aims to resolve all such issue so that the second volume of Electric Power Survey may be finalized without any further delay. It may be appreciated that adequate and reliable electricity supply is one of the primary requirement for development and the whole planning depends on the accurate forecasting that in turn depends on reliable past data/information & future plans.

Agenda #1: PASCHIMANCHAL VIDHYUT VITRAN NIGAM LTD. (PVVNL)

Paschimanchal Vidhyut Vitran Nigam Ltd. (PVVNL) was requested to furnish the detailed information/input data in respect of total 8 districts of Uttar Pradesh- Ghaziabad, Hapur, Bulandshar, Muzzafarnagar, Bagpat, Meerut, Gautam Budh Nagar and Shamli. While the data of Gautam Budh Nagar was received in proper format in the month of November 2018, **still no data has been received from Bagpat and Meerut.** The data received from Ghaziabad, Hapur, Bulandhar, Muzzafarnagar and Gautam Budh Nagar (Annexure-1A, 1B and 1C) and Shamli suffers from some inconsistency and it was communicated subsequently for clarification (Annexure-1D). The same is mentioned below:

a) GHAZIABAD (Annexure-1A)

- The data given (hard copy) on 30.04.2019 is completely different from the one provided before.

b) HAPUR, BULANDSHAHAHAR

- Same data is present in PWW (LT) and PWW (<1MW). In the summary sheet, only one of the category is included.
- Domestic Category: Consumption in the year 2014-15 has increased by 25%. Reason needs to be provided.
- Commercial category: Consumption in the year 2012-13 has decreased by 12%. Reason needs to be provided.
- Bulk Supply: Format is blank.
- Traction: In Bulandshar, consumption is shown from 2015-16. And in Hapur, format is blank.
- Requirement figure is same as Consumption. Also, with our calculation, T&D Losses in % does not match with the value provided in the summary sheet.(For e.g. in the 2010-11, 20% is given ,whereas it is coming out to be 16%). Whether T&D Losses provided in percentage figure is actual or T&D Losses in MU is the actual figure.

c) MUZZAFARNAGAR

- In the summary sheet Load Factor and Peak Load needs to be provided.

- Requirement figure is less than consumption. Needs to be checked.
- Also, T&D Losses in % does not match with the value provided in the summary sheet. Whether T&D Losses provided in percentage figure is actual or T&D Losses in MU is the actual figure.

d) GAUTAM BUDH NAGAR

- Latest data provided in PDF format. Excel sheet needs to be given.
- In PWW (>1MW): Data is provided from 2017-18, whereas consumption is zero before 2017-18. Are new connections coming up?
- T&D losses are very low, around 6%. Measures adopted to decrease the losses needs to be provided.

e) SHAMLI

- In Domestic Category sheet, actual data is not provided since growth rate of 7% is applied. Also, the data present in summary sheet does not match with the consumption values in the relevant sheet.
- PWW (HT<1 MW & HT >1MW): Format is blank.
- Industries LT: Data present in summary sheet does not match with the consumption values in the relevant sheet.
- In the summary sheet, the electricity consumption corresponding to HT Industries does not match when the data of HT Industries (<1 MW) and HT Industries (>1MW) are added up. For e.g. In the year 2012-13, the consumption in HT Industries (<1 MW) and HT Industries (>1MW) are 30.79 MU and 42.29 MU, respectively which gives the total consumption of HT Industries as 73.08 MU, whereas in the summary sheet this is given as 117.35 MU. Kindly check.
- Railway Traction: Format is blank.
- Bulk Supply: Format is blank.
- Energy Requirement figures are same as Electricity Consumption, and while calculating T&D Losses (in %), they do not match with the value given in the summary sheet.
- Also, load factor is given around 14% (load factor cannot be so low). With our calculation load factor is coming out to be 30%. Kindly check.

- T&D losses in the year 2014-15 are coming out to be 33.53% and in the year 2015-16, 24.90%. Almost 10% reduction in losses can be seen in only a gap of one year. Kindly provide the reason for such drastic change and the measures adopted to decrease the losses.

Also, the input data sent for the 18th EPS, does not match with the data provided for the preparation of 19th EPS. (Noida: Annexure-1E).