

**SOUTHERN POWER DISTRIBUTION COMPANY OF A.P. LTD.  
CORPORATE OFFICE : : TIRUPATI**

Memo.No.CGM/O&M/GM/EE/C/F.e- 293682/D.No.1392/2023, dt.03/06/2023

Sub:- APSPDCL – TPT - Guide lines for electrification of layouts developed by the Govt. Agencies /Private developers – Revised guide lines – Issued - Reg.

- Ref:-
1. Letter No: 61/Power. I/2018,Dated:24.01.18,
  2. U.O.Note No.887368/M1/2017, dt:03.04.18
  3. Memo.No.CGM/O/DE/Comml/F.Circulars/ D.No.1345 / 18, dt.27.11.18
  4. Memo.No.CGM/O/GM/Comml/F.293682/ D.No.98 / 22, dt.01.02.2022
  5. CREDAI representation Dt.15.05.2023
  6. 'e' note approved by the CMD/APSPDCL, dt:31.05.2023

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In continuation to the guide lines issued in the reference 4th cited in respect of layouts, Modified Revised guidelines issued for electrification of layouts are as follows.

- I. The developer shall register application in the Mee Seva for electrification of the layout duly submitting the following documents.
  - a. LT application form duly filed in and signed by the owner/legally valid GPA holder of the layout
  - b. Proof of ownership (Registered sale deed (or) General Power of Attorney given by the land owner
  - c. The provisional layout approval given by the concerned Urban Development Authority shall be enclosed. If the layout is outside the jurisdiction of the UDA, then the provisional layout approval given by the Town & Country Planning Authorities shall be enclosed.
  - d. Provisionally approved plan duly indicating the survey numbers, individual plot numbers, common areas and roads in the plan.
  - e. An undertaking that individual plots, common areas are clearly marked in the layout and necessary roads have been formed so that APSPDCL authorities can take up the field survey for preparation of the estimate.
- II. After registration of the application at Meeseva, the Asst. Engineer/Operation shall visit the layout and prepare an estimate in SAP duly considering the following points.
  - a. ***For laying of electric lines in the approved layouts, the concerned authority shall estimate the power load to the extent of street lights only.  
However , in respect of approved layouts with housing for Gated community / Group Housing, the proposed power load shall be estimated including the buildings.***
  - b. The probable load of the proposed plots in respect of approved layouts with Housing for Gated Community/Group Housing shall be considered is as follows.
    1. 5.0 KW single phase/3 phase for two bed room house.

2. 3.0 KW single phase/3 phase for single bed room house .

3. If the consumer requests for more load than the above, load can be considered.

- c. The 11KV line with 9.1 Mts PSCC poles, 55 Sqmm AAA Conductor and DTRs are to be proposed as per plots and load as mentioned above.
- d. Propose DTR at load center taking diversity factor as one including the proposed street light load for total layout electrification.
- e. Estimate shall be prepared for LT line with 5 wire trunk line and LT line with 3 wire with 5wire cross arm , 55 Sqmm AAA Conductor on 9.1 mts PSCC poles and with 40W street lights for every alternate pole.
- f. The LT line proposed on new DTR shall be extended with 2 LT circuits on both sides of DTR. The length of LT line shall not exceed 0.5Km on each side in layout.
- g. In case of District head Quarter, Cities and Coastal areas up to 10.0Km areal distance from the Sea coast 11.0 mts for above as per requirement spun poles shall be proposed so as to lay the 11KV lines for future expansion.
- h. If the developer request for underground cabling, 3½ Core cable of suitable size shall be laid and 2core cable shall be laid for street lights. All safety measures shall be taken while proposing UG Cable to avoid possible faults and accidents.
- i. One street light service shall be proposed for each DTR under LT Cat-II and one energy meter with box shall be included in the estimate
- j. LT TVR meter on the LV side DTR shall be included in the estimate for energy audit purpose
- k. If the total probable load of the plots and street lights in the layout is equal to or more than 2.0MW, a separate 11KV feeder is to be laid from the nearby 33/11KV Sub-Station. This separate feeder is to be treated as Urban/Rural feeder passed the geographical location of the layout regarding No. of hours of 3-Phase supply.
- l. If the total probable load of the plots and street lights in the layout exceeds 5.0MW a separate 33/11KV Sub-Station is to be proposed in the layout itself for which necessary space shall be provided by the developer free of cost.

III. After preparation of the estimate, the competent authority shall sanction the estimate and intimate the developer about the charges payable.

- a. Apart from the estimate charges, the developer shall pay security deposit equivalent to 25% of the estimate cost, in the shape of DD in favour of the concerned Executive Engineer, Operation.
- b. Along with payment of charges, the developer shall enter into an agreement with APSPDCL that they will safeguard the lines and equipment laid by APSPDCL. The agreement period

will be 5years or till 50% occupation of the proposed plots by the residents, whichever is earlier.

- c. If 50% of the plots are not constructed and occupied by the residents within 5years, the agreement period shall be extended for another 5 years or till 50% occupation by the residents whichever is earlier.
- d. If any damage/theft of asset of APSPDCL is found during the agreement period, the same shall be replaced by the developer within 30days of such occurrence/reporting by APSPDCL. If the developer does not respond to such intimation from APSPDCL, the security deposit paid by the developer will be forfeited without any intimation and action will be taken to recover the additional cost, if any towards loss sustained by APSPDCL, as per the prevailing rules. However, the developer shall not be responsible for damages to liens and equipment due to natural calamities like cyclones floods and heavy gale and wind.
- IV. The security deposit paid by the developer will not carry any interest and will be refunded to the developer only after completion of the agreement period mentioned above.
- V. After receipt of full payment from the developer and after entering into the agreement, the work order shall be taken by the concerned Assistant Engineer and works shall be completed within he prescribed time lines.
- VI. The street light services (under Cat-II) taken by the developers shall not be utilized for other purposes. Separate services shall be taken for other than street lights purpose, if any.
- VII. *If the developer wants to execute the work on turnkey basis, the DTRs cost to be paid by the developer and the DTRs will be supplied in phased manner as required by the developer .*
- VIII. It is also to confirm whether there is any court case pending / RR act proceedings initiated/ arrears outstanding in respect of the proposed Sy. numbers for electrification related to present and previous owners .In case of outstanding arrears/ court case/ RR act proceedings pending , the current status of the same also to be made available with remarks .

The aforementioned guidelines shall come into force with immediate effect and hence forth processing of all the pending layout electrification estimates on date and future estimate shall be as per the revised guidelines only.

**CHIEF GENERAL MANAGER /O&M  
APSPDCL :: TIRUPATI**

To

The Superintending Engineer/Operation/ Nellore, Tirupati, Kadapa, Ananthapuram & Kurnool

Copy to the CMD's Peshi/APSPDCL/Tirupati

Copy to the Director/Tech & HRD/APSPDCL/Tirupati

Copy to the Director/Fin/APSPDCL/Tirupati

Copy to the General Manager/IT & SAP/APSPDCL/Tirupati

Copy to the All Executive Engineers/Operation.

