

**CE(Dist)/D-III/Circular/25680**

**Date: 19.06.2008**

**CIRCULAR**

**Sub:- Procedure to plan for electrifying areas preparation of schemes (DPRs) and releasing new connections .**

**Ref: CE(Dist)/D-III/Circular/22197 dtd. 20.05.2008.**

In continuation with the above reference and in order to discharge the universal supply obligation u/s 43 of EA 2003 and recovery of charges u/s 46 of EA 2003, and MERC (Electricity Supply Code and other conditions of Supply) ,Regulations, 2005 and in compliance of MERC Order(Schedule of charge) 8<sup>th</sup> September 2006 in case No.70/2005, the following procedure shall be followed.

- 1) For the convenience of larger group of consumers in shortest possible time MSEDCL while releasing LT connections will give Divisionwise priority in the following sequence- applications received from area A,area B & area C. For consumers falling in BPL and weaker section and residing in remote non electrified areas, MSEDCL through special schemes develop infrastructure on priority and release connections.
- 2) ***Chief Engineers and their field officers will regularly and proactively review the developments taking place in their Areas and plan and prepare schemes/DPR for creating infrastructure for extending electric connections to consumers in these areas and obtain funding from Financial Institutions and keep the works on shelves and in appropriate cases keep the contracts and materials ( in case the work is to be done through non-turnkey contractors) ready for execution. As soon as demand from potential consumers***

***come, the work under these schemes should be executed and connections should be released. In areas where fast and concentrated, and large developments are taking place, the field officers shall proactively plan and create backend infrastructure such as creation/up gradation of substations to meet immediate future demand.***

- 3) The list of pending applications in order of chronology, (category wise) and areas as per the priority defined in the above paras shall be kept ready. In case any consumer or group of consumer wants connections out of turn or out of its own volition or choice, he may get the work executed at his expense under MSEDCL supervision and get the refund of the expenses so incurred through his energy bills. However he will have to get the estimates and specifications sanctioned from the appropriate authorities and he will not be required to pay supervision charges to MSEDCL.
- 4) The priority of applications seeking release of power supply shall be indicated in the DPRs.
- 5) Single line diagrams (SLDs) shall be accompanied with the estimates/ DPRs.
- 6) Circle wise/Division wise detail project report /estimates be prepared with latest cost data and with appropriate overheads and cost. DPRs be prepared in usual REC:P.IE format and submitted to corporate Office.
- 7) HT,LT ratio shall be observed as 1:1.
- 8) The loading of the power and distribution transformers must be taken as 70% and not more than that. This will Increase the redundancy in the system.
- 9) Normally for every 1000nos.of agricultural pump sets a new sub-station (33/11kV) shall be proposed with minimum 3 outlets.
- 10) Minimum 50sq.mm conductor in rural area with PSC poles must be used for 11kv feeder and in urban area 100sq.mm with RSJ. In urban area the provision of double circuits on same supports for meeting future load demand must be borne in mind while preparing the estimates. Or else a

switching station establishment must be thought of with minimum two incomers.

- 11) The conductor shall never be loaded beyond its rated capacity.
- 12) Sub-station capacitors of appropriate capacity must be included in the substation estimates.
- 13) ON line capacitors of 0.6MVAR must be installed on each 11 kv feeder for efficient reactive power management in Urban as well as in Rural areas. This will help in many ways such as improvement in voltage profile, reduction in technical loss and loading of the lines.
- 14) All cut points, jumpers in the substation and lines must be provided with crimping/wedge connectors.
- 15) In the coastal area the G.I. structure instead of MS, anti fog insulators especially PVC string type insulators must be used.
- 16) The estimate/(s) being sanctioned shall be given number as-

**i) EE/Division/Tech/ARR/Non-DDF/08-09/...date, (Register-1),** Recover only charges from consumer/(s) as per MERC Order (Schedule of charge) dated 8th sep 2006.

**ii) EE/Division/Tech/ARR/Non-DDF, CC&RF/08-09/...date, (Register-2) and** Recover charges from consumer/(s) as per MERC Order (Schedule of charge) dated 8th sep 2006 (non refundable) in addition to the infrastructure cost.

**iii) EE/Division/Tech/DDF/08-09/.....date, (Register-3).** Recover total infrastructure cost from consumer/(s).

Estimate sanction registers shall be maintained as mentioned above.

**At Circle Office :-**

**i) SE/Circle/Tech/ARR/Non-DDF/08-09/.....date, (Register-1)** Recover only charges from consumer/(s) as per MERC Order (Schedule of charge) dated 8th Sep 2006.

**ii) SE/Circle/Tech/ARR/Non-DDF, CC&RF/08-09/.....date, (Register-2) and** Recover only charges from consumer/(s) as per MERC Order (Schedule of charge) dated 8th sep 2006 (non refundable) in addition to the infrastructure cost.

iii)SE/Circle/Tech/DDF/08-09/.....date, (Register-3) Recover total infrastructure cost from consumer/(s).

**At Zone Office :-**

i)CE/Zone/Tech/ARR/Non-DDF/08-09/.....date,(Register-1) Recover only charges from consumer/(s) as per MERC Order(Schedule of charge) dated 8th sep 2006.

ii)CE/Zone/Tech/ARR/Non-DDF,CC&RF/08-09/.....date, (Register-2) and Recover charges from consumer/(s) as per MERC Order(Schedule of charge) dated 8th Sep2006(non refundable) in addition to the infrastructure cost.

iii)CE/Zone/Tech/DDF/08-09/... ..date, (Register-3) Recover total infrastructure cost from consumer/(s).

(DDF-Dedicated Distribution Facility, ARR-Aggregate Revenue Requirement, CC&RF- Consumer Contribution & Refund thereof through energy bills).

- 17)Non DDF cases but opt to get execute the work initially incurring the expenditure at their own & desire refund through energy bills.
- 18)Such estimates shall be technically sanctioned at Division/Circle/Zone levels as per the powers delegated to them under G.O.II.
- 19)A separate register with details of such sanctioned estimates shall be maintained as this is very much necessary in furnishing the very vital information at the time of ARR filing to MERC.
- 20)DPR must be forwarded to Corporate Office in order to process them and seeking administrative approval of Competent Authority and in-principal approval of MERC for investment.
- 21)After approvals as cited above, such DPRs will be posed to financing institutions for seeking finance.
- 22)An annual contract will be required to place in order to release the power supply to the applicant who in turn completes the formalities. The material being used in the construction shall be as per the specifications of MSEDCL only, in order to maintain the quality of the works.

- 23) To remove the backlog of release of Agricultural connections in GoM notified Backlog Districts as well as in non-backlog districts. The net result of this will be to release power supply to Agricultural consumers, on demand.
- 24) In all above every field Officer shall take initiative proactively so that MSEDCL will be in a position to meet the demand of prospective consumers.
- 25) All the information shall be made available in soft (i.e. in MS Excel) & shall be updated regularly and such information be submitted to Corporate Office quarterly for ARR purpose.

**Sd/-**  
**Chief Engineer (Distribution)**

**Copy swr to :---**

1. Managing Director , MSEDCL
2. Director (Operations) MSEDCL
3. Director (Finance) MSEDCL
4. Director(V&S),MSEDCL
5. Executive Director –CP/II/III/HR MSEDCL

**Copy fwc to:--**

1. All Chief Engineers Comm /PP /IR /LM /DSPC /AMR /APDRP/ Stores /PCDF/SE(TRC)
  2. Chief General Manager F&A/Internal Audit/(T/E)/Chief Legal Advisor/General Manager (Fin-Cap)/Corporate Acctt.
  3. Chief General Manager (IT)
- It is requested to upload this circular on MSEDCL's website.
4. All Chief Engineers(O&M) Zones.

**Copy to:--**

1. All Superintending Engineers (O&M) Circles.
2. All Executive Engineers
3. All SDOs