

**Government of Goa**  
**Electricity Department**

**Office Memorandum**

**Subject: Installation of Prepaid Metering and AMR System for all Government installations, including their Departments, Public Utilities, autonomous bodies, and other organizations.**

1. The Goa Electricity Department (GED) is in process of being restructured into two entities namely, Transmission and Distribution to improve its operational efficiency and boost accountability of its officials. However, one of the major concerns with regard to the Distribution limb is the issue of non-payment/delay in payment of energy consumption bills by many Government Departments running into several lakhs of rupees every month and thereby entailing a huge revenue loss to the Department. The disconnection of electricity connection can also often not be imposed on the defaulting Government Departments due to the vital and essential nature of services being rendered by them. The Joint Electricity Regulatory Commission (JERC) has taken note of the impact of such non-payment or delayed payment and the consequent impact on tariff of general consumers. JERC has accordingly directed GED to initiate pre-paid metering for Government consumers and extend it to other consumers. The pre-paid meters can be programmed with multi functions such as recording consumption, calculating energy charges based on units consumed and simultaneously providing for settlement of dues on hourly basis against the pre-paid credits.

2. In view of the above, it has been decided by the Government of Goa that all Government installations, including their Departments, Public utilities, autonomous bodies, and other organisations with Government funding, and having a single phase or three phase connected load upto 45 KW (current technological limit for pre-paid meters) will necessarily need to get pre-paid electricity meters installed at each of their premises. This limit would be reviewed by the Electricity Department based on technological progress.

3. The following alterations would therefore be made in the present mode of payment for settlement of power dues in the future:

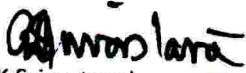
A. The switchover to the Pre-paid Metering System would be completed by Sept 2015. The pre-paid meters, would be provided and installed by GED in phases after disconnection and removal of existing meter. The removed energy meters shall be in the custody of the GED and shall be the property of the GED.

B. The modalities for implementation of the pre-paid metering system are as under:

(a) GED will identify the installations where pre-paid metering system would be installed. These energy meters used would be high quality ISI approved pre-paid meters, duly tested for their performance. The pre-paid meters used should give warning signals well in advance based on fixed threshold limits, say when 25% of the amount is left or if the amount of electricity credit is low.

- (b) The average load for the past four months would be communicated to each of the Government consumers where the pre-paid meters are installed for a better management of the power usage by them. For new connections a tentative amount shall be worked out based on the applied/sanctioned load.
  - (c) The concerned Government installations would purchase a particular value of electricity coupon/prepaid card and would be issued a receipt against the consumer number for a particular installation. Purchase of such coupons would be allowed either on monthly basis or through recharge of pre-paid cards.
  - (d) GED will keep a record of receipts against the specified Consumer Nos. so that in event of loss of a voucher, the concerned Government consumer can be issued a duplicate voucher.
  - (e) GED will conduct an orientation programme for all the Government Departments where the pre-paid meters are to be installed.
  - (f) In the event of malfunctioning of pre-paid meters, GED shall be responsible to ensure that they are rectified/replaced at the earliest (sufficient meters will be kept in stock) and till such time that they are rectified/replaced, GED will ensure that power supply to the installation is maintained through normal electronic meters.
  - (g) The concerned HODs/ HOOs would authorize purchase of pre-paid electricity coupons/ receipts from the GED's authorized outlets. The HOD/ HOO may sanction the advance required and operate the Abstract Contingency Bill procedure. The advance may be settled through Fully Vouched Contingency Bill(FVC Bill).
  - (h) GED would pass on the applicable rebate, if any, allowed by JERC on the advance payments in case of pre-paid metering.
4. Further, all HODs/ HOOs/ Organisational Heads would take measures, including the mandatory switchover to LED form of lighting, to minimise power consumption within their premises. The switchover to LED form of lighting will be completed by the Government Departments and Organisations by Sept 2015 at their own expense. GEDA would consider instituting awards for Government Departments and organisations that exhibit an exemplary performance in reduction of electricity consumption.
5. All other Government installations i.e. those with connected load more than 45 KW, including HT loads, will need to switchover to Automatic Meter Reading (AMR) system and settlement of pending electricity dues can be done on the basis of advance drawl of contingent bills. GED will install high quality ISI approved AMR meters on such installations in a phased manner lasting till Sept 2015.
6. In case of AMR meters, the GED will electronically send the monthly consumption bills to concerned Government installations. It shall be duty of the concerned DDO to download this information between 1<sup>st</sup> and 7<sup>th</sup> of every month and process the case for release of payment to GED. The payment shall be released within 30 days of end of each month. The payment shall be made by making an advance drawl subject to settlement through FCV Bill. Overpayment, if any, by a Government installation would be settled by GED against future bills.

7. The Chief Electrical Engineer would submit a monthly progress report on the progress, including that by individual Government installations, to the Chief Secretary and Secretary Power every month.

  
(RK Srivastava)  
Chief Secretary

Copy for strict compliance to:

- (i) All Secretaries/ HODs/ HOOs
- (ii) All PSUs/ Autonomous Bodies/ MS GEDA
- (iii) Director of Accounts
- (iv) All DDOs

Copy for information to:

- (i) Secretary to Governor
- (ii) Secretary to CM
- (iii) Secretary to Minister (Power)
- (iv) Secretary JERC

  
(RK Srivastava)  
Chief Secretary

No.51(3)/CEE/TECH/(Prepaid Metering)/2015-16/II 2

Dated 24/04/2015

  
(S. Lekshmanan)  
Chief Electrical Engineer

Copy to,

The Superintending Engineer, Electricity Department, Circle I/II,

All the Executive Engineers, Electricity Department