

HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Govt. Undertaking)



No. HPSEBL(Sectt.)/CE(Comm.)/R-APDRP/Meters/Vol.XXIX/16- 1586 - 1614

Dated: 15/07/18

To

All the Nodal Officers-cum-Sr. Executive Engineers
Electrical Division, HPSEB Ltd., Baddi, Bilaspur, Chamba, Hamirpur,
Dharamshala, Hamirpur, Kullu, Mandi, Nahan, Paonta Sahib,
Solan, Una and Superintending Engineer (Op), Operation Circle, Shimla.

Subject:- Rewiring of PT circuit in 14 towns under R-APDRP Part-A.

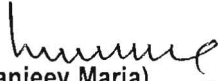
Reference: Executive Director (IPDS) DO no. 02:10:IPDS:Utilities:2016/39000 dated 27th May' 2016.

Under the subject cited and DO letter under reference, Ministry of Power, GoI has requested to rewire the feeder meter PT connection using auxiliary contacts as currently the outage information is not being recorded accurately by feeder meters, due to the fact that the feeder meter is wired with the Bus PT without routing it through the auxiliary contact of the feeder breaker and thus the meter is not recording feeder tripping, unless the Bus-Bar is also tripped. The same can be corrected by rewiring the feeder meter PT circuit with the auxiliary contact of the feeder breaker.

You are requested to look into the matter immediately and rewire all the feeder meters installed in EHV or 33 KV substations lying within the 14 R-APDRP town boundaries and inform the progress/status as per the format attached.

Matter be accorded top priority


DA:- As above.


(Er. Sanjeev Maria)
Superintending Engineer (IT),
HPSEB Ltd., Vidyut Bhawan,
Shimla-171004.

Copy forwarded to the following for information please:-

1. The Sr. P.S. to Director (Op), HPSEB Ltd., Vidyut Bhawan, Shimla-4 for the kind information of Director please.
2. The Chief Engineer (Comm.), HPSEB Ltd., Vidyut Bhawan, Shimla-4.
3. The Chief Engineer (Op), North / Central / South Zone, HPSEB Ltd., Dharamshal / Mandi / Shimla.
4. The Superintending Engineer (Op), Operation Circle, HPSEB Ltd., Bilaspur / Hamirpur / Mandi / Kullu / Nahan / Solan / Kangra / Dalhousie and Una.

DA:- As above.


(Er. Sanjeev Maria)
Superintending Engineer (IT),
HPSEB Ltd., Vidyut Bhawan,
Shimla-171004.



राधिका झा, आई.ए.एस.
कार्यकारी निदेशक (आई.पी.डी.एस.)
Radhika Jha, IAS
Executive Director (IPDS)

पावर फाइनेंस कारपोरेशन लिमिटेड
POWER FINANCE CORPORATION LTD.
(भारत सरकार का उपक्रम) (A Govt. of India Undertaking)

DO No.02:10:IPDS:Utilities:2016

39000

27th May, 2016

Sub: "URJA" Urban mobile App - for effective consumer connect

Dear Sir,

As you are aware that IPDS is a priority programme of Govt. of India aiming for 24x7 power supply and AT&C loss reduction in Urban areas. With launch of IPDS, the R-APDRP scheme is subsumed under IPDS and PFC is designated as nodal agency for operationalization of IPDS.

Being the nodal agency, we are pleased to inform that across India, under R-APDRP, we have 20 Data Centers and 48 Customer Care Centers that are fully functional, catering to 1405 towns and around 31,000 feeders. Almost all the feeders are AMR compatible and most of them are communicating. Further, to enhance reliability of power distribution network, 45 SCADA control centers have also been commissioned.

In order to ensure enhanced consumer connect, AT&C loss reduction and better power reliability in Urban distribution areas by leveraging the above IT environment, MoP has accorded approval to PFC for development of a mobile app wherein following information of Go-Live towns would be shared with consumers:

- Feeder-wise Information of outages
- Feeder-wise power reliability in terms of SAIFI and SAIDI
- Town wise status of consumer grievance redressal
- Town-wise status of release of new service connections
- Town-wise status of E-payments made by consumers
- Town/Feeder-wise AT&C loss
- Ranking of Towns/ Discoms/ States on above parameters
- Other information for consumers

The work for development of the Mobile App named "URJA" App ("Urban Jyoti Abhiyan" App) is in advance stage and the same shall be launched very shortly. The social media presence of IPDS is also under the handle of URJA_india.

It is also noticed that, presently, the outage information (SAIFI and SAIDI) is not being recorded accurately by feeder meters, due to the fact that the feeder meter is wired with bus PT without routing through auxiliary contact of the feeder breaker. Hence, meter is not recording feeder tripping, unless bus-bar is also tripped. As a result, recorded outage information in IT system is much less than the actual. The same can be corrected by rewiring the Feeder meter PT circuit through auxiliary contact of Feeder Breaker.

In view of above, we need following support from Discoms to ensure successful implementation of URJA App for enhancing consumer connect and assisting the Discoms accordingly:

- Re-wiring of feeder meter PT connection using auxiliary contacts as mentioned above to ensure exact computation of SAIFI and SAIDI (Power Reliability Indices) for each feeder of all towns on a daily basis using the IT system.
- Implementation of reporting daily planned outages as per format already provided by PFC.

- (iii) Start implementing the provisions available in the R-APDRP IT system like sending auto SMS/call to inform consumers about planned/ unplanned outages through customer care center, if not being done presently.
- (iv) Proper sanitization of Post Go-live data (D1 to D5) to ensure accuracy, as the same will be put in public domain on the URJA App. Ensuring communication between feeder meters and the Data centers.

Further, Ministry of Power has approved appointment of Urban Vidyut Abhiyantas (UVA's) by PFC who will be deployed soon at Discom headquarters to handhold Utility in effective usage of IT systems created under IPDS (R-APDRP) to ensure better consumer connect and AT&C loss reduction. These UVA's shall report to MD's of respective Discom and act as link between MoP/PFC and Discoms in ensuring that all the relevant information pertaining to Outage schedules, Feeder wise SAIFI / SAIDI and other Post Go-live parameters are updated on UrJA App, regularly.

We look forward to your continuous support and cooperation on the above interventions for successful implementation of URJA App being developed by PFC under the aegis of Ministry of Power, Govt. of India.

With kind regards,

Your's Sincerely,


(Radhika Jha)

To:

CMD's/MD's of DISCOM's (As per list attached)

Copy for kind information, please:

1. Dr. A K Verma,
Joint Secretary (Distribution),
Ministry of Power,
Shram Shakti Bhawan,
Rafi Marg, New Delhi -110001
2. All State Power Secretaries (As per list attached).

S.No.	STATE	Name of DISCOM	Town	Substation Name	Name of Feeder	Rewiring Status
1	HP	HPSEBL				