

# Eastern Regional Power Committee, Kolkata

## Minutes of Special Meeting on Verification and updation of the Protection related data in PDMS of the Protection Database Project of ERPC held on 07.09.2017 at 11:00 Hrs. at ERPC, Kolkata.

List of participants in the meeting is enclosed in **Annexure – I**.

ERPC welcomed all the participants and thanked all for attending the meeting on a short notice. It was informed that the Protection Database Project is on the verge of completion and more than 80% of protection related data has already been uploaded in PDMS. This meeting was convened for fixing the timeline for 1) submission of pending relay settings data and 2) Validation of substation data as available in PDMS. The following issues related to PDMS were discussed:

### **A. Access to the Website of PDMS:**

1. OPTCL, OHPC Burla and BSPTCL reported that some of the user id(s) assigned to them are not opening. OHPC Burla and BSPTCL submitted the user id details. ERPC advised OPTCL send the User-id details to ERPC and PRDC.

PRDC was advised to check and resolve.

2. OPTCL also suggested to incorporate back button in PDMS webpage which will take the user back to the previous session.
3. CESC Limited reported that the website is slow at times, and some relay data is not getting opened.

During the meeting CESC relays were opened and it was found that the issue has been resolved. Further, Constituents were advised to report such type events immediately to ERPC/PRDC.

4. TVNL representative informed that they have no user-id for accessing PDMS and also they have not attended any training on PDMS.

It was informed that several training programs have been conducted at ERPC and Jharkhand in which TVNL could not attend.

However, one more training program will be held at ERPC, which TVNL may attend.

Regarding issue of user id, TVNL was advised to send the details of their representative to ERPC mail.

5. All other constituents informed that access to website is satisfactory.

### **B. Issues and remarks on the data available in PDMS:**

It was informed that state-wise summary of Relay Settings populated in server is as follows:

- |                 |                                      |
|-----------------|--------------------------------------|
| 1. Odisha:      | 92.77%                               |
| 2. Jharkhand:   | 91.34%                               |
| 3. West Bengal: | 92.152%                              |
| 4. Bihar:       | 70.617% (PGCIL ER-I data is pending) |
| 5. Sikkim:      | 92.408%                              |

The Constituent-wise actual list of pending relay data was discussed with all the utilities (The list of Sub-station whose relay data is pending is placed at **Annexure-II**). The gist of discussion is as placed below:

**1. BSPTCL:**

BSPTCL informed that the collection of pending relay data is in process and all the relay settings would be furnished by end of September, 2017. Regarding verification of data in PDMS, BSPTCL informed that the same is in process and would be completed by 30<sup>th</sup> September, 2017

PRDC informed that Valmikinagar S/S is pending for data collection, which will be visited in September, 2017.

**2. JUSNL**

JUSNL informed that relay data mismatch is observed in PDMS for some substations has been forwarded to ERPC/PRDC.

PRDC to check and resolve.

JUSNL agreed to send the pending relay data which are contains non-communicable (KBCH/MIT/DUOBIAS relays) will be sent by within 15/09/17. However, the settings of Chinese make relays (CSC) would not be possible to share at this juncture as they are not able to communicate with these relays due to unavailability of software as well as password for HMI interface.

Members felt that such type of non-communicable relays may be replaced at the earliest to ensure proper protection co-ordination.

**3. OPTCL:**

OPTCL have provided a list of issues regarding relay data present in PDMS to PRDC.

PRDC was advised to check and resolve each issue.

The list of Pending relay data was shared with OPTCL.

OPTCL agreed to send all pending relay data by the end of September, 2017.

Further, it was informed that PRDC will visit 10 new grid substations of OPTCL for data collection in the month of September, 2017.

OPTCL was also advised to verify the substation data of PDMS by 30<sup>th</sup> September, 2017.

**4. OHPC**

The pending list for relay data was shared with OHPC and OHPC informed that all settings will be provided by 30<sup>th</sup> September, 2017. They also informed that Burla station SLD to be rectified. DMNS is not accessible for Upper Indravati and Rengali users.

PRDC was advised to check and resolve.

**5. WBSETCL**

WBSETCL informed no discrepancies have been found regarding the data present in PDMS and the pending relay data, will be provided by Testing Division, WBSETCL.

ERPC advised WBSETCL to provide all the pending data by the end of September, 2017 and also to verify their Substation data in PDMS and report by 30.09.2017.

**6. WBPDCCL**

WBPDCCL informed that pending data for BKTPP, BTPS (Generator units only) and KTPS would be sent to PRDC. Data verification were done for all the stations and CT/PT data for BKTPP are not available.

PRDC was advised to check and resolve.

It was informed that all the relay settings of STPS had been received in text and pdf format. WBPDCCL informed they will send the same in csv or xml format.

## 7. CESC Limited

CESC informed that some of data had been verified in PDMS and remaining verification will be completed within September,2017. The pending relay data list is available with CESC. All pending data will be furnished within end of September, 2017.

CESC suggested that Feeder name should be displayed during fetching the relay data in drop down of Bay and SLD of substations shall be available upon selecting the particular substation from drop-down in Relay Data page.

PRDC would discuss with their software team for feasibility of the same.

## 8. DPL

DPL informed that the data for DPL are verified and found all right. Generator Unit-7 relay settings are pending. PRDC informed that those relays are NR electric (China) Make, which will be developed and uploaded by 22.09.17.

## 9. NTPC

Pending relay list was shared with NTPC. Representative from KhSTPS, NTPC was advised to co-ordinate with other NTPC stations and send all the pending data by 30<sup>th</sup> September,2017.

For Kahalgaon station, relay data was received in excel sheets, so it was advised to NTPC to provide the data in csv or xml formats.

## 10. NHPC

NHPC informed that in Teesta V station generator and feeder relay settings are not available. PRDC informed that development for Toshiba relays which are installed in those feeders is in process. All the pending settings will be uploaded by 15/09/17.

ERPC informed NHPC to verify relay data for all other stations. Pending data for NHPC to be shared by PRDC.

## 11. PGCIL

PGCIL ER-II informed that they have received pending list of relays from PRDC. For Malda station, transformers are identical so the settings shall be same. For other stations of West Bengal, settings will be furnished by PGCIL-ER2.

PGCIL-ER1 and Odisha were also advised to send the pending relay data at the earliest.

Further, Powergrid was advised to check and verify the Substation SLD and other data by 30<sup>th</sup> September, 2017.

All the constituents were advised to communicate their comments, queries and issues to PRDC (rahul.m@prdcinfotech.com) with a copy to ERPC (eeop.ercp@gov.in).

DVC, E&PD Sikkim, Powergrid (ER-I & Odisha) were not present in the meeting.

**After detail deliberation, it was decided that all constituents will check and verify their Substation data (relay /SLD/CT/PT etc) as available in PDMS and submit their observations by 30<sup>th</sup> September, 2017 to ERPC positively, otherwise the same would be considered as correct information.**

Meeting ended with vote of thanks to the chair.

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