

Database Modifications

Detailed Database Modification philosophy Extract Tool User's Guide is being forwarded by M/S Alstom .

Procedure proposed for the changes is as follows:-

1. **CT/PT Ratio:-** The above changes can be made temporarily at reporting control center through “Test RTU and maintenance Tool” . The same may be changed in the concerned Excel file of RTUTOP and may be sent to RSCC for master database modification.
2. **Network changes due to addition of new bay or LILO:-**
 - a. The necessary changes the concerned SUBTOP file may be done by SLDC .
 - b. The changes due to above may also be incorporated in concerned RTUTOP file.
 - c. The network parameter changes due to above may also be incorporated in the NETPARAM file.
 - d. All the above changes may be exported to local development server available at SLDC and may be verified locally.
 - e. After successful validation all the above changed excel file may be sent to RSCC for master database Updation.
3. **Addition of new Generation units/substation:-**
 - a. same as point no 2 above.
 - b. The concerned parameter of hydro, generator may be supplied for necessary master database modeling for GENMODEL, HYMODEL as the above is centrally modified at RSCC.
4. The changes due to point no 1-3 should reach RSCC by the end of each Month.
5. Master database will be made at RSCC incorporating drawl calculations, import and load.
6. After completing the validation at RSCC a master save case file for SCADA, Network, generation, Hydro will be made at RSCC.
7. RSCC will copy the master save case file at All SLDC's Development Server preferably by 10th of each month.
8. RSCC/SLDC will retrieve the concerned master save case in their development server. RSCC/SLDC will import their calculation files being used for their operational purposes into development server and validate the FAT master.
9. SLDC will extract the concerned model files for their SubLDC and SLDC and will online the database by 15th of each month.
10. RSCC will extract the concerned model files for CPCC/RSCC and will online the database by 15th of each month.
11. RSCC/SLDC will change their displays accordingly to their concerned control center including their SUBLDCs.

Discrepancy in State's drawl

In case state's drawl (import) from the Grid is not displayed correctly following steps are to be taken:-

- 1. confirm with the drawl figure available at RSCC.**
- 2. If the value does not match with the value displayed at RSCC, identify the component (point) responsible for the error in total value from the detailed displays available at RSCC.**
- 3. If the value matches with the value displayed at RSCC, identify the points responsible for incorrect calculation of total import and inform the SCADA-EMS Group at RSCC.**
- 4. In case the above rectification requires further modification in database, procedure for same has to be followed.**

Discrepancy in State's schedule

In case the schedule value has some discrepancy vis-à-vis schedule received from RSCC through internet or FAX, the same has to be reported to the SCADA-EMS group at RSCC for necessary action.