

# REPORT GENERATION FOR AII MODULE

Application: Transmission – Distribution – Industrial - Generation



## Power System Analysis Software

**NEPLAN** generates reports in user defined format for example feeder-wise, transformer-wise, voltage-wise etc. as well as permit user level customization of the report format.

**NEPLAN** shows the results on the single line diagrams with different tags that can be customized by the user.

Option is to view any selected section / node results parameters. Software supports options for tag customization and display customization by selection of specific fields from the list of all available fields. It also supports selective displaying of the section tags.

Reports can be customized through Word and Excel

**NEPLAN** reports neutral currents & respective loss in the system when performing unbalanced load flow studies.

**NEPLAN** support for tabular as well as graphical report generation. Option for selecting different electrical fields for reporting of equipment data, input data and different analysis results is available.

**NEPLAN** reports power flows, losses, power factor, reactive power flows for all equipments in the network.

**NEPLAN** provides feeder wise report for the network showing power flow, losses, attached KVAR and length of single phase, two phase and three phase lines.

**NEPLAN** provide summary report showing voltage level and zone/area & abnormal condition reports for sections with voltage violations and/or overloads.

**NEPLAN** clearly report neutral currents in the system when performing unbalanced load flow studies and provides figure for losses in the neutral conductor

**NEPLAN** support exporting reports to standard packages like MS Word, MS Excel, Internet explorer and XML format. Abnormal operating condition can be reported with customized warning colors. **NEPLAN** is capable to saving the reports in \*.xml, \*.xls with possible conversion in \*.dwg and .svg also capable of accepting templates for the reports and creating user-defined rules for reports.

Parallel reports for yearly analysis

Separate report for abnormal conditions of the network

Report based on feeder wise, transformer wise total losses, break-up of technical losses, commercial losses, ATC losses.

Comparison report of energy loss based on feeder wise or transformer wise, Exception list which identifies feeder's / transformer's high loss with respect of fixed threshold limit .

**NEPLAN** one of the most complete planning, optimization and simulation tool for transmission, distribution, generation and industrial networks

**Reliable – Efficient – User-friendly**