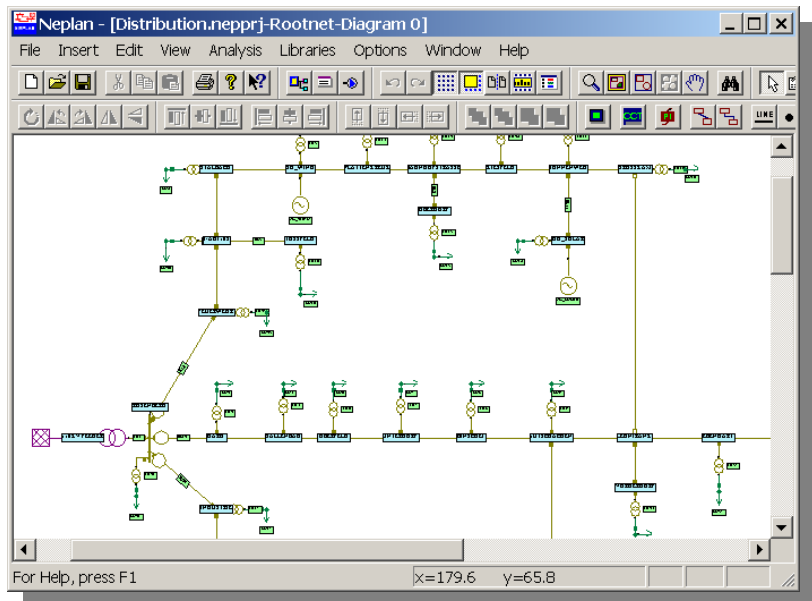


Input Data

- User-defined load and generation profiles (day, week, month and year factors)
- Unlimited number of profile types for consumers and generators (e.g. household, industry, ...)
- Import of measurement data and load profiles



Load Flow with Load Profiles Parameters

Time | Options | Result Files

Load flow calculation

Year: 1998
 Month: January
 Weekday: Tuesday
 Daytime: 2 : 15

Load flow time simulation

From To
 Year: 1998 2020
 Month: January November
 Weekday: Monday Sunday
 Daytime: 0 : 0 24 : 0
 Time increment... min: 15

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Calculations

- Single load flow calculation (load forecast) and time simulation
- User-defined time increment
- Combination of time intervals
- Load balancing mode: loads are automatically changed in the way that load flow results fit best to measured values (behaviors)

User Defined Scaling Factors

Scaling Factors | Day by Hours | Week by Days | Year by Months | Long Term by Years

Types: DF_BIG_INDUSTRY, DF_COMMERCIAL, DF_CONSTANT, **DF_DOMESTIC**, DF_HEATING, DF_HYDRO_POW_STAT, DF_INDUSTRY, DF_MOTORW_REST, DF_SOLAR_POW_STAT, DF_THERM_POW_STAT, DF_WIND_POW_STAT

Description: Domestic area, winter

Time	Factor
00:00	0.400
01:00	0.290
02:00	0.260
03:00	0.250
04:00	0.260
05:00	0.270
06:00	0.310
07:00	0.400
08:00	0.600
09:00	0.650
10:00	0.650
11:00	0.700
12:00	0.920
13:00	0.650
15:00	0.620
16:00	0.630
18:00	0.920
20:00	1.000
21:00	0.850
22:00	0.650

Q-factor: 0.9000, 1.0000, 1.0000, 0.8000, 0.5000, 0.4000

Mo Tu We Th Fr Sa Su

Same values for P and Q scaling

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Results

- Time behavior and value range charts
- Characteristics of network, elements and nodes (voltages, currents, loadings, power, MW losses, energy losses,...)
- Any system quantities may be plotted, or compared

