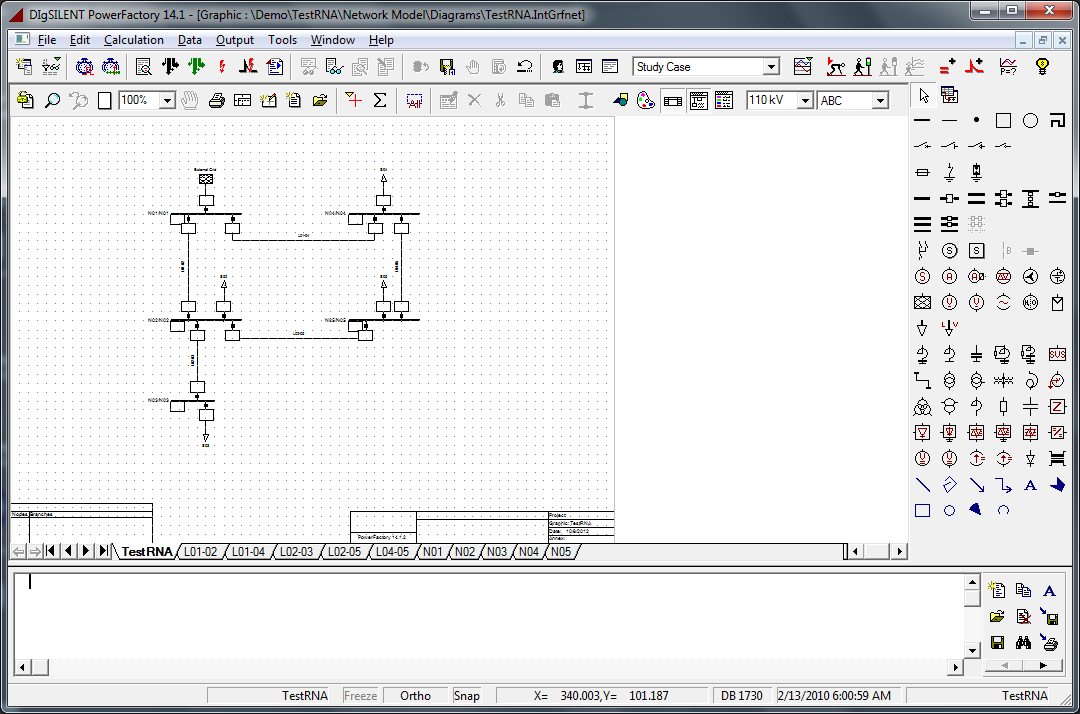
|  |  |
| --- | --- |
|  | Nod (Single Busbar System) |
|  | Sistem extern (External Grid), folosit pentru definirea nodului de echilibru |
|  | Linie electrică (Line) |
|  | Transformator cu două înfăşurări (2-Winding Transformer) |
|  | Generator sincron (Synchronous Machine), folosit pentru definirea nodurilor PU |
|  | Sarcină (Load) |



Schema monofilară a reţelei

Date pentru laturi:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nume | Nod intrare | Nod ieșire | Secțiune transversală | Lungime  km | r0=0.198 Ω/km  x0=0.433 Ω/km  b0=2.66 μS/km |
| L01-02 | N01 | N02 | 150 mm2 | 20 |
| L01-04 | N01 | N04 | 150 mm2 | 40 |
| L02-03 | N02 | N03 | 150 mm2 | 60 |
| L02-05 | N02 | N05 | 150 mm2 | 40 |
| L04-05 | N04 | N05 | 150 mm2 | 20 |

Date pentru noduri:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nod | Tip nod | Un  kV | Pi  MW | Qi  MVAr |
| N01 | echilibru | 110 |  |  |
| N02 | PQ | 110 | 17 | 3 |
| N03 | PQ | 110 | 12 | 1 |
| N04 | PQ | 110 | 8 | 1 |
| N05 | PQ | 110 | 8 | 1 |