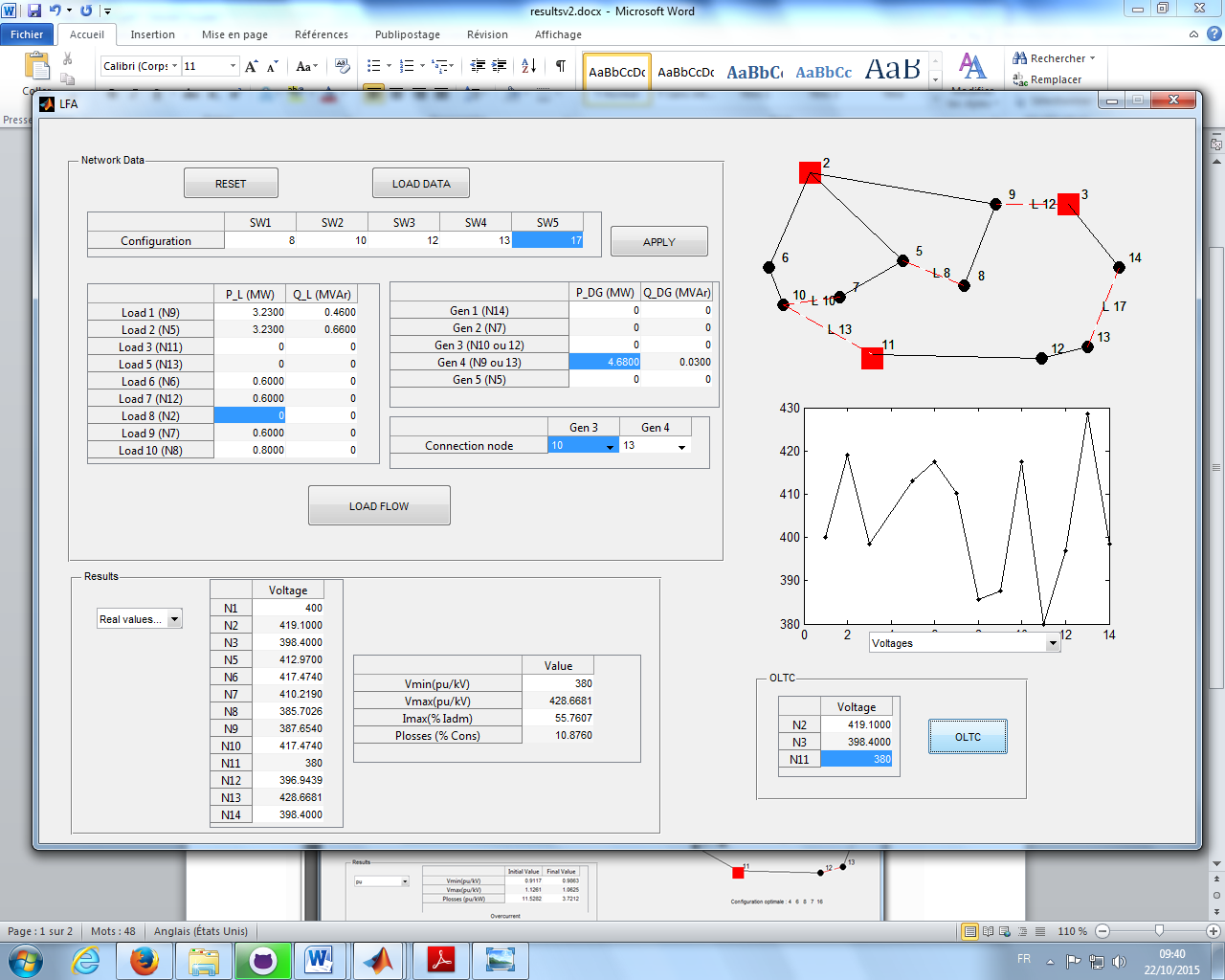
**Part II: Study of the impacts of renewable connection to the distribution network.**



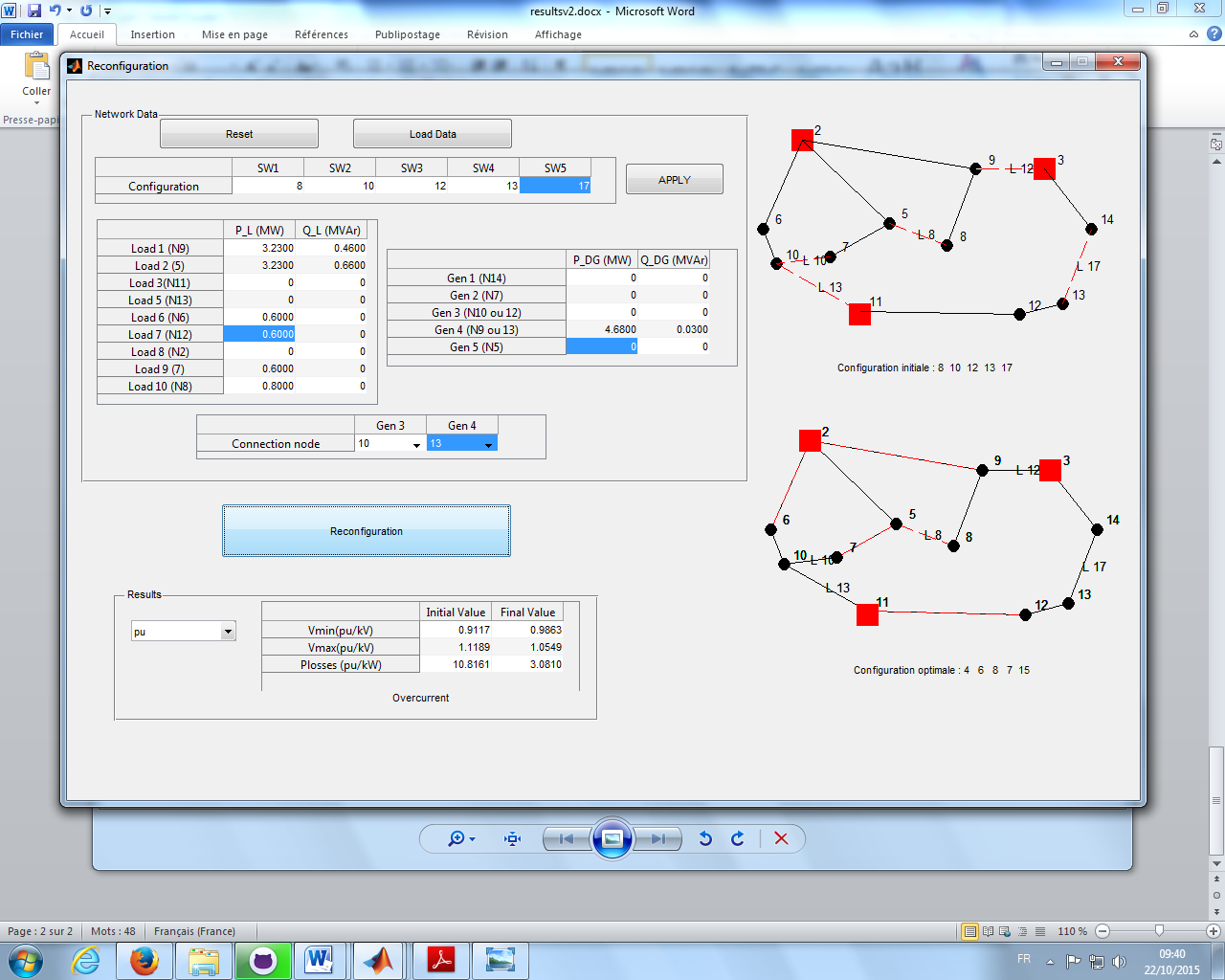
Error is less than 1 percent,

err =

-0.0033 0.7192 0.1247 0.2826

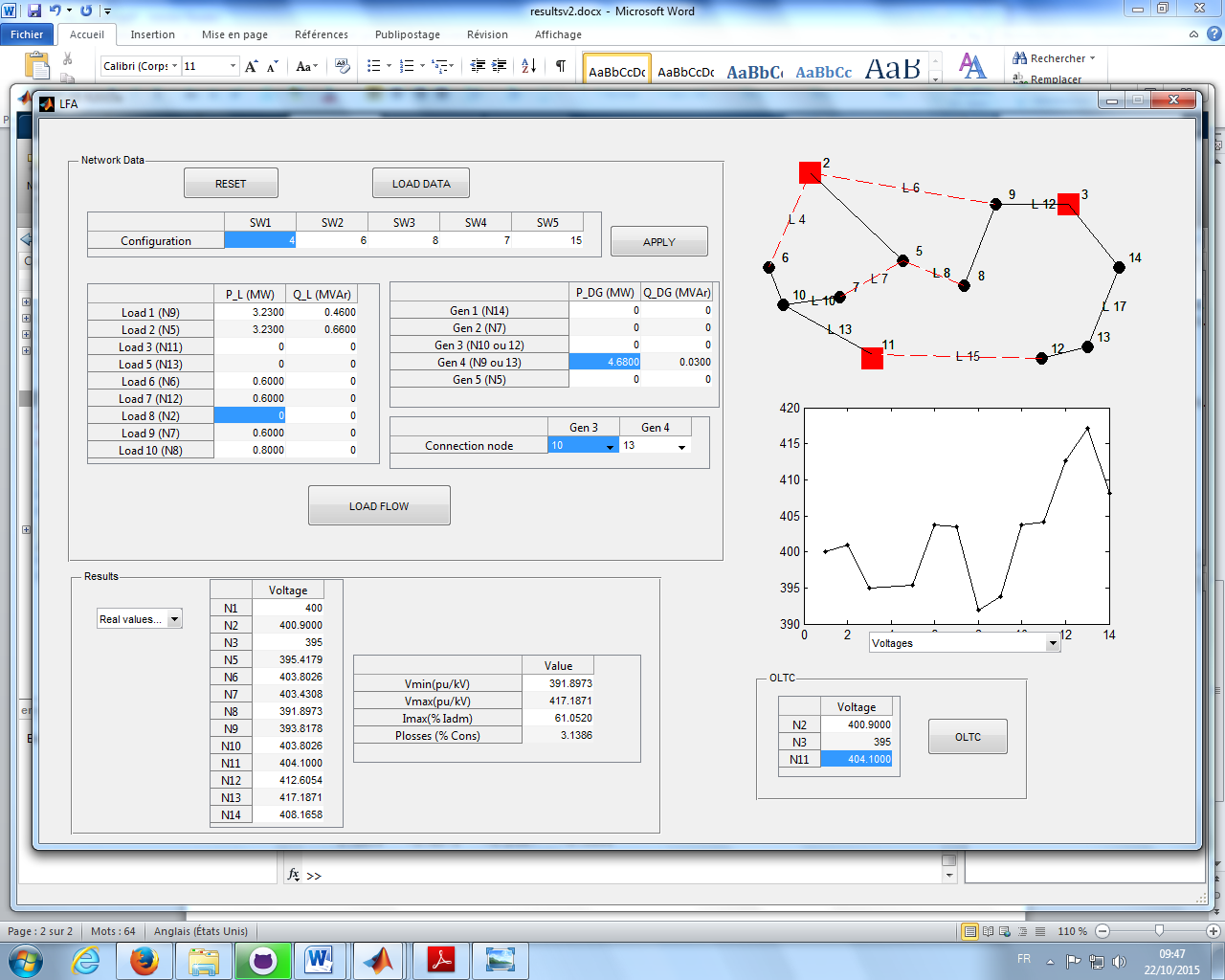
Error can be a result of:

1. Error in sensors
2. Loads and productions vary during time
3. Uncertainities in R and X



The reconfiguration is calculted using SOB algorithm and found to be 4 6 8 7 15

The load flow results after reconfiguration is found to be



The results match with the PREDIS configuration.