

POUYA

Power_system **O**nline_simulation **U**nveil **Y**our **A**nalysis

A Real Time Simulator



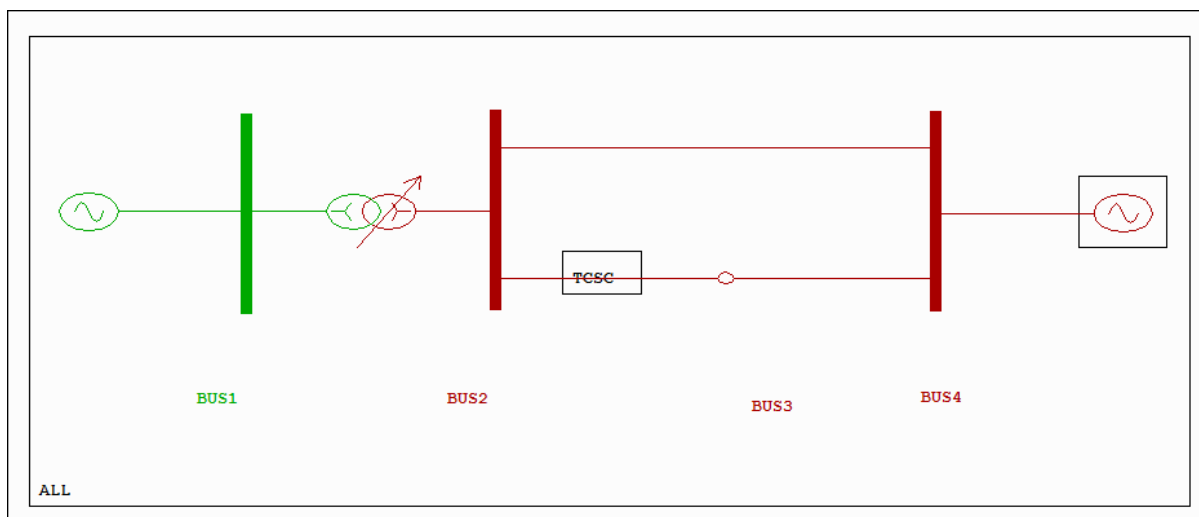

Examine the behavior of a network from a book in real time mode

Book: Power system stability and control

WRITER: P. KUNDUR

PUBLISHED: 2005

Page: 732 WITH ADDITION OF TCSC CONTROL



EXERCISES

- 1- Bring the network and find the line outage , load changing , etc.... effects;
- 2- Press key T on TCSC and see the block diagram simulation outputs;
- 2- increase the generator output just by clicking on that twice and see the oscillations;
- 3- do not go through cumbersome eigen value solution, just get it by simulation;
- 4- Register for a related class to find out more.

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TCSC model

