APPENDIX – C

PUSH-BUTTON2: This is subprogram, which is made for execution of TS configuration case with multi-objective results.

![Diagram of TS configuration case model]

This window is used for TS configuration case. The TS configuration refers to the network, in which all the tie lines 33, 34, 35, 36, and 37 are closed. So, for making radial configuration structure, lines 6, 11, 14, 28, 31 are opened. When the run button is pressed, the result of the multi-objective are executed and displayed at the respective objective window. Three graphs of results for current, voltage and power losses are plotted as shown in Figure C.

**Image button** is used to show the image of TS configuration case, when the 6, 11, 14, 28 and 31 lines are opened for radial structure.

**Clear button** is used as an option to clear the data of executed program from the concern objective window.

**Exit button** is used for quit from the sub-program.