READ ME: Enhanced IEEE 39 Bus System with Single IBR

* PSSE
  + Network (raw) file and Dynamic (dyr) file are provided
  + Python file for running dynamic simulation with run commands, output channels and csv file conversion of the channels
  + PSSE version 35 used for results shown
  + By modifying the value of “eventType” in the ‘disturbance.py’ file, one can simulate either a Busfault or GenTrip scenario.
* PSLF
  + Network (sav) file and Dynamic (dyd) file are provided
  + EPCL (.p) files with events bus fault at bus 16 and generator trip at bus 32 for running dynamic simulation with run commands
  + For conversion of csv file “chf2csv\_Plot.p” provided
  + PSLF version 32 used for results shown
* PSCAD
  + PSCAD file with network information converted using ETRAN from PSSE raw file
  + Dynamic (dyr) file which provides parameters for dynamic characteristics of generators, exciters, and governors
  + PSCAD version 5.0 used for results shown
  + By modifying the time of breaker operation in “Timed Breaker Logic” in PSCAD, one can simulate either a BusFault or GenTrip scenario
  + E-TRAN runtime library file for initializing ETRAN-based components in PSCAD file
    - Refer to Enhanced IEEE 39 Bus System folder for ETRAN lib related Notes