**Step-1:**

Put the OpenDSS files (.dss) and MATLAB files (.m and .mat) into a same folder.

**Step-2:**

Update the directory path in the Matlab\_OpenDSS\_interface.m as the path where Maltab and OpenDSS files are located.

**Step-3:**

Run Matlab\_OpenDSS\_interface.m to obtain time-series power flow results.

The following variables store the power flow results:

bus\_voltages\_rect = []; % Bus voltage in rectangular coordinate

bus\_voltage\_magni\_pu = []; % Bus voltage magnitude in per unit.

line\_currents = {}; % Line current

line\_powers = {}; % Line power

elem\_names = []; % Element names

elem\_losses = []; % Element loss

total\_power = []; % System total power

i\_notconverged = 0; % Define a variable to record the number of unconverged snapshot power flow solutions

Tap\_position\_collect\_East\_South = []; % Tap changer position

Tap\_position\_collect\_East\_North = []; % Tap changer position