

The purpose of this document is to record what was done to enable non-conforming loads in PST to use the structured global variable g and other 'clean up' actions taken.

Each paragraph describes the required changes to the PST file.

Initial globals:

```
%% Original globals block condensed into g...  
global load_con load_pot nload
```

Modified globals:

```
global g
```

Non-Linear files

dc_indx

- alteration of system globals to use g.ncl structure

handleNewGlobals

- Addition of load_con to global g

i_simu

- alteration of system globals to use g.ncl structure

lm_index

- alteration of system globals to use g.ncl structure

mac_sub_NEW

- alteration of system globals to use g.sys structure

nc_load

- alteration of system globals to use g.ncl structure

pwrmod_indx

- alteration of system globals to use g.ncl structure
- updated internal documentation

pwrmod_p

- alteration of system globals to use g.ncl structure
- updated internal documentation

pwrmod_q

- alteration of system globals to use **g.ncl** structure
- updated internal documentation

red_ybus

- alteration of system globals to use **g.ncl** structure
- updated internal documentation

rlm_indx

- alteration of system globals to use **g.ncl** structure

svc_indx

- alteration of system globals to use **g.ncl** structure

s_simu_Batch

- alteration of system globals to use **g.ncl** structure

tscs_indx

- alteration of system globals to use **g.ncl** structure
- removal of dummy f return

y_switch - ran as a script...

- alteration of system globals to use **g.ncl** structure

Linear Specific files

Files ran as a script:

- ns_file
- p_m_file
- p_file
- p_cont

p_file

- alteration of system globals to use **g.ncl** structure

svm_mgen_Batch

- alteration of system globals to use **g.ncl** structure