**OpenPLC Codes**

OpenPLC A – Code just before OpenPLC61850 was implemented

OpenPLC B – Code for OpenPLC61850

OpenPLC C – Code for the latest OpenPLC

**Running OpenPLC61850 in Windows**

- Install Windows Subsystem for Linux (WSL) <https://docs.microsoft.com/en-us/windows/wsl/install>

- Access the OpenPLC61850 folder by entering command 🡪 ‘cd /mnt/c/…’

- To open the code in Visual Studio Code (VSC), enter command 🡪 ‘code .’

- After VSC is opened with the OpenPLC61850 code, open the terminal and enter command

🡪 ‘./install.sh linux’

- After OpenPLC61850 is installed, enter command 🡪 ‘./start\_openplc.sh’

- This will run OpenPLC61850 and the URL can be copied and pasted to the browser to access the user interface

**Delta Comparison**

- These are the files extracted when ‘OpenPLC A’ and ‘OpenPLC B’ was compared using Beyond Compare program.

- These are the files modified/added by the people who made OpenPLC61850

- The files have to be modified or changed completely from IEC61850 to IEC104 protocol

**Delta Changed for IEC104**

- These are files from ‘Delta Comparison’ folder that are modified to work with IEC104 protocol

**OpenPLC61850 Functions Thread**

- Most of the functions are extracted from the OpenPLC61850 code and tracked with which functions chained to which.