

Instructions on how to download and include the OpenIPSL library in OpenModelica

1. Firstly open this link (<https://github.com/OpenIPSL/OpenIPSL>) in a web browser.
2. To do this paste copy and paste the link in the address bar and press “enter”.
3. Once the page gets loaded, you can see the green section “clone or download” at the right corner.
4. Click on “clone or download” and then click ‘Download ZIP’, to start downloading the library as .ZIP file.
5. Now extract the .ZIP file to any desired location of your computer and open it.
6. We can see that the OpenIPSL folder contains the Modelica file “package.mo”.
7. Now there are three ways to include it in OpenModelica. You can follow any one method.
8. Firstly, you can drag and drop the package onto the libraries browser tab.
9. Or else, navigate to the OpenIPSL package and opening it by double-clicking on it.
10. We can also include OpenIPSL without downloading the library and opening it from OpenModelica by navigating to “File” → “system libraries” → “OpenIPSL”
11. Once the library is included you are good to go and use the basic models to model a power system network.