Installing SmartGridToolbox on MacOS

These instructions require a reasonably up to date version of MacOS - we have tested the current version on High Sierra. You will also need to have installed an up to date version of Xcode, as well as Homebrew.

The instructions will get you started with a basic installation of SmartGridToolbox, without extras or extensions.

Third Party Packages

```
brew update
brew upgrade
brew install cmake
brew install autoconf
brew install automake
brew install libtool
brew install boost
```

SmartGridToolbox

Obtain the SmartGridToolbox source

```
git clone -b dev https://github.com/NICTA/SmartGridToolbox.git
```

Build and install third party dependencies

```
cd SmartGridToolbox
git submodule init
git pull
git submodule update
cd third_party
./install_third_party.sh clang++ /usr/local
```

Build and install SmartGridToolbox

```
cd ..
./autogen.sh
./configure
make -j4
sudo make install
```