

```
/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/GHF/GHFElectronicEnergyCalculation.hpp
```

```
graph TD; A["/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/GHF/GHFElectronicEnergyCalculation.hpp"] --> B["/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/GHF/GHFSCFSolver.hpp"]; B --> C["/_w/GQCP/GQCP/gqcp  
/include/gqcp.hpp"]; C --> A;
```

The diagram illustrates the include relationships between three C++ header files. The top box (grey) represents the 'GHFElectronicEnergyCalculation.hpp' file, which includes 'GHFSCFSolver.hpp' (middle box). The middle box represents the 'GHFSCFSolver.hpp' file, which includes 'gqcp.hpp' (bottom box). The bottom box represents the 'gqcp.hpp' file, which includes 'GHFElectronicEnergyCalculation.hpp' (top box), forming a circular dependency.

```
/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/GHF/GHFSCFSolver.hpp
```

```
/_w/GQCP/GQCP/gqcp  
/include/gqcp.hpp
```