

```
/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/UHF/UHFElectronicEnergyCalculation.hpp
```

```
graph TD; A["/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/UHF/UHFElectronicEnergyCalculation.hpp"] --> B["/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/UHF/UHFSCFSolver.hpp"]; B --> C["/_w/GQCP/GQCP/gqcp  
/include/gqcp.hpp"]; C --> A;
```

The diagram illustrates a cyclic dependency between three header files. The top box (shaded gray) represents `UHF/UHFElectronicEnergyCalculation.hpp`, the middle box represents `UHF/UHFSCFSolver.hpp`, and the bottom box represents `include/gqcp.hpp`. Blue arrows indicate the following dependencies: `UHF/UHFSCFSolver.hpp` depends on `UHF/UHFElectronicEnergyCalculation.hpp`; `include/gqcp.hpp` depends on `UHF/UHFSCFSolver.hpp`; and `UHF/UHFElectronicEnergyCalculation.hpp` depends on `include/gqcp.hpp`.

```
/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/UHF/UHFSCFSolver.hpp
```

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