

Coefficient

```
classDiagram
    class Coefficient {
    }
    class EnergyCoefficient {
        +EnergyCoefficient()
        +Eval()
    }
    Coefficient <|-- EnergyCoefficient
```

The diagram illustrates a class hierarchy. At the top is the 'Coefficient' class, represented by a rectangle with three horizontal compartments. The top compartment contains the class name 'Coefficient', while the middle and bottom compartments are empty. Below it is the 'EnergyCoefficient' class, represented by a shaded rectangle with three horizontal compartments. The top compartment contains the class name 'EnergyCoefficient', the middle compartment is empty, and the bottom compartment contains two public methods: '+ EnergyCoefficient()' and '+ Eval()'. A blue arrow with an open triangular head points from the 'EnergyCoefficient' class to the 'Coefficient' class, indicating a generalization (inheritance) relationship.

EnergyCoefficient

+ EnergyCoefficient()
+ Eval()