

Use Case 3: Manage Power**Scope:** Coffee Maker**Level:** Coffee Drinker Goal**Primary Actor:** Coffee Drinker**Scenario:** *Power Coffee Maker On***Related Use Cases:** None**Stakeholders & Interests:**

- Coffee Drinker: who wants to brew coffee

Preconditions: Coffee Maker is powered off**Postconditions:** Coffee Maker is powered on. Coffee Maker is reflecting the current State of the Coffee Maker and its components.**Success Guarantees:** Power is applied to the Coffee Maker

Coffee Drinker	Coffee Maker
1. Applies Power to the Coffee Maker	
2.	Indicates Power is Applied
3.	Indicates in the Brewing State
4.	Indicates the Carafe State 1. Home-in the Coffee Maker 2. Pulled-away from the Coffee Maker 3. Pouring-pouring out the Carafe's contents
5.	Indicates the Current State of the Reservoir (the amount of water in the Reservoir)
6.	Indicates the amount of coffee in the Carafe
7.	Sets up to accept Coffee Drinker input: 1. To Brew Coffee 2. To Get the Carafe 3. To Fill the Reservoir

Extensions (Alternative Flows):

7a. If the Carafe is currently in the Pulled State, then the Coffee Maker accepts

1. Brew Coffee
2. Return Carafe

3. Fill Reservoir

4. Pour