



- ### Energy and Water System Operations
- #### Daytime Operations
- Solar Modules Generate Energy
 - Inverter DC/AC
 - Automatic Control System
 - Charge Battery
 - Energy Supply to Village
 - Energy Supply to Ice Maker
 - Energy Supply to Air Conditioner
 - Air Conditioning Keeps Fish Storage Cool
 - Collect Rainwater/Stormwater
 - Naturally Filtered Water Goes to Treatment Tank
 - Water Overflow
 - Potable Water Treatment
 - Potable Water Storage
 - Water Supply to Ice Maker
 - Potable Water Dispenser for Villagers
- #### Nighttime Operations
- Battery Discharge to Supply to Village
 - Battery Discharge to Supply to Water Treatment
 - Ice Melting to Keep Fish Storage Cool
 - Entire Water System Operates the Same Way As the Day Time

