



U.S. DEPARTMENT OF ENERGY
Technology

Outcome

Team



FO System



Solar Thermal Storage



Algae farm

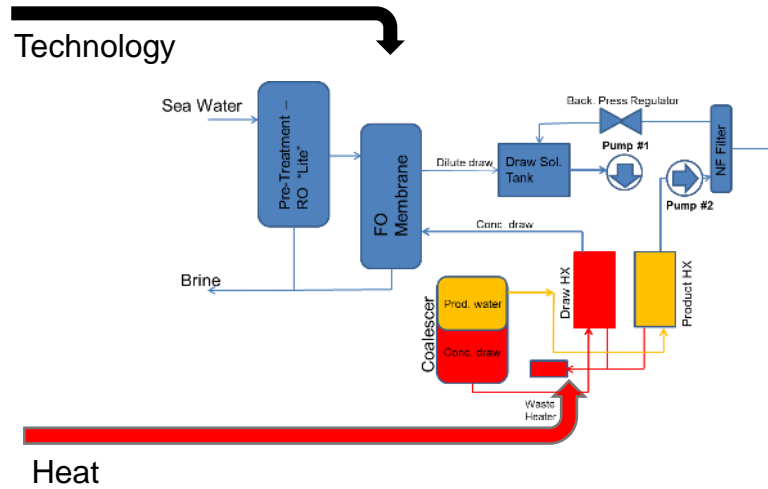
Network Partner



NELHA



Host Site



- Lower Electrical Energy consumption - 1/5 of RO at 60% recovery.
- Lower GHG emissions from desalination.
- Uses 100% renewable energy.

Customer

CSP Array & Site



- More water for aquaculture.
- Affordable water cost on islands where electricity is expensive.
- Brine minimized.
- No GHG impact.