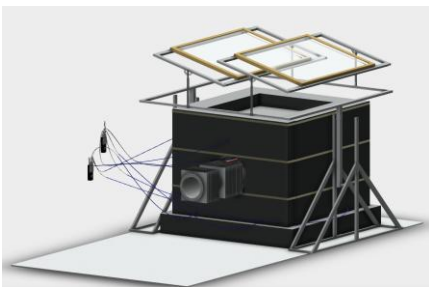
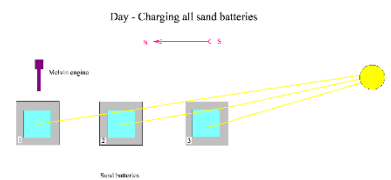
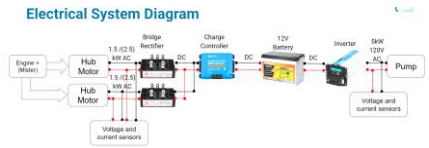
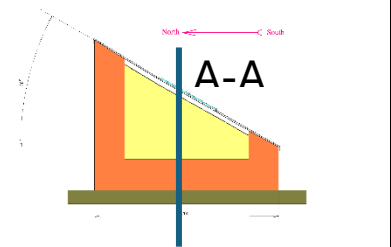
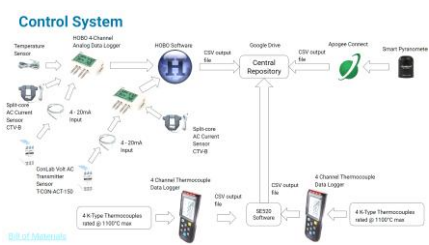
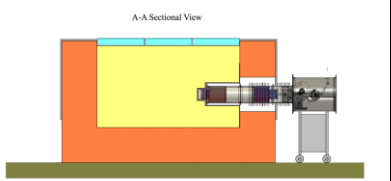
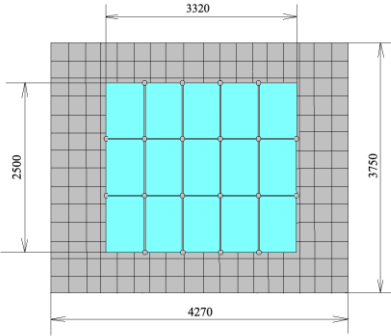


Fossil-Fuel-Free Irrigation Project Overview

Last update: 25 September 2025

| Proof-of-Concept System | Subsystem | Proposed Final System |
|---|--------------------------------|--|
|  | Solar Capture |  <p>Day - Charging all sand batteries</p> |
|  | Heat-Retention Strategy |  <p>A-A</p> |
|  | Sand Battery |  <p>A-A Sectional View</p> |
| | Stirling Engine |  |
| | Electrical System | |
| | Cooling System | |
| | Control System | |