

VulcanKore's Game-Changing Technology: Round-the-clock Solar Power

Low-cost, Weather Resilient Concentrated Solar Power

Currently, Concentrated Solar Power Solutions are:

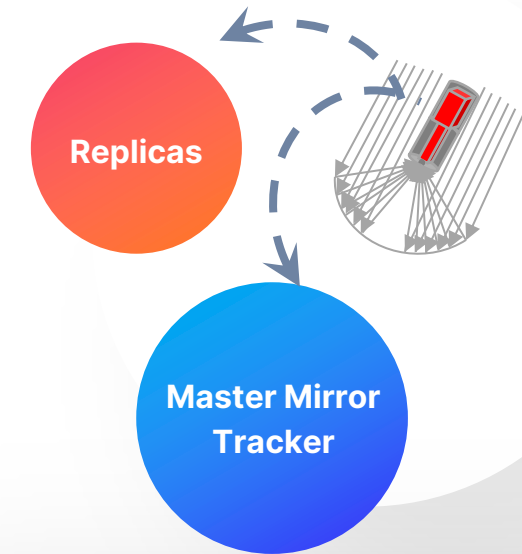
- Low temperature
- Require high upfront infrastructure costs
- Have high operational and maintenance costs
- Lower efficiency
- Don't predict errors
- Are affected by cloud coverage
- Are only applicable in certain geographic locations

VulcanKore's Solution is:

- ✓ Greater than 1000 degC
- ✓ Has a low upfront infrastructure cost
- ✓ Has low operation and maintenance costs
- ✓ High efficiency
- ✓ AI in error prediction
- ✓ Unaffected by cloud coverage
- ✓ Has potential for distributed energy
- ✓ Applicable in space

The Utility of Our Approach - Improved global access to solar power allowing for:

- Power generation
- Water desalination
- Water treatment
- Industrial processes
- Autoclave
- Grid stabilization
- Load reduction
- Microgrids
- Combined Heat and Power



VulcanKore takes a Community-Centered Approach

- Solar Technology Education within VulcanKore adopting communities
- Solar-powered economic development
- Intentional engagement of underserved communities to expand access to clean energy solutions
- Environmental justice via self sustaining economy
- Mitigations of pollution issues within communities
- Investment in R&D for next generation of energy systems

Solar energy Shines!!!