

USD \$50 million. A 12-month pathway to proof.

We are seeking a USD \$50 million capital raise to target a functioning pilot-scale prototype, integrated studies, and a final engineering and development plan within 12 months of funding close. Government grants are being pursued alongside private capital.

The program

Integrate isolated ocean-water cooling, useful data-center waste-heat recovery, direct concentrated solar heat, thermal desalination, and an instrumented steam-transport test section. Study elevated condensation, storage, and conditional energy recovery through models and representative tests.

What the funding is intended to deliver

A functioning representative prototype; measured cooling, heat, water-quality and process-performance data; independent feasibility and environmental studies; and a final plan covering engineering, siting, commercial economics, permitting, and phased deployment.

Funding strategy

The base planning budget is USD \$50 million in raised capital. Grant awards are not assumed in that budget. Eligible public research and demonstration funding will be explored with appropriate collaborators; no grant program eligibility, award, or government endorsement is represented.

An accelerated objective

Twelve months is a target from funding close, subject to site access, permits, vendor lead times, engineering results, and financing. The prototype is not a completed 100-250 MW data-center campus or an operating coast-to-Salton-Sea corridor. Full commercial rollout requires further validation and capital.

Build. Study. Finalize.

Proposed use of funds	USD millions
Prototype equipment, construction & integration	22.00
Engineering, research & independent studies	8.00
Site access, environmental work & permitting	6.00
Core team, project delivery & engagement	5.00
IP, legal, finance & insurance	2.00
Contingency & development reserve	7.00
Total proposed allocation	50.00

Months 1-3 | Define and validate

Thermal and water models, prototype scope, site and permitting assessment, research collaboration discussions, and grant applications.

Months 4-6 | Engineer and procure

Detailed design, component and materials tests, required approvals, and long-lead prototype equipment procurement.

Months 7-9 | Integrate and commission

Target assembly and commissioning of representative cooling, solar thermal, desalination and steam-transport test systems.

Months 10-12 | Study and finalize

Target operating trials, independent performance and environmental studies, and a final engineering, commercial and deployment plan.

Planning estimates, not vendor quotations or secured commitments. No operating facility, verified net power output or net carbon savings is represented. This brief supersedes the earlier \$5 million / 18-month website funding materials. Investment interest is nonbinding; this is not a securities offer or a promise of returns.