LoadCrest, Inc.

Seed Financing — SAFE Offering Summary

Up to $4,800,000 | $10M Post-Money Valuation Cap | 20% Investor Discount

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Accredited Investor Verification. Prior to accepting any subscription, LoadCrest will request documentation sufficient to verify accredited investor status. Acceptable methods include: (i) review of IRS forms evidencing income for the two most recent years; (ii) review of bank, brokerage, or other financial statements evidencing net worth in excess of $1,000,000 excluding primary residence; or (iii) written confirmation from a registered broker-dealer, SEC-registered investment adviser, licensed attorney, or certified public accountant that such person has taken reasonable steps to verify accredited status within the prior three months. Investors will be provided a verification questionnaire upon expressing interest.

The Problem

The AI infrastructure build-out is consuming power at an unprecedented rate — and running headlong into the grid. For neocloud providers and AI factory developers, the single largest deployment blocker is not land, compute, or capital. It is **utility interconnection**. System Impact Studies routinely delay new grid connections by **6 to 24 months or more**, and first-submission failure rates are high because GPU workloads produce violent, millisecond-scale power transients that standard grid studies cannot accommodate. The result: hundreds of megawatts of planned AI capacity sit stranded, waiting.

Our Solution

LoadCrest has developed **Sentinel**, a proprietary embedded software platform implementing a sub-250ms power control algorithm for 800VDC microgrids. Sentinel monitors the DC bus at the microsecond level and actively manages energy distribution in real time — absorbing the step-load transients generated by GPU workloads before they reflect to the utility connection point.

The effect: LoadCrest presents a **smooth, predictable, utility-compliant load profile** to the grid, enabling first-submission interconnection approval and eliminating the study delays that block AI factory deployments.

LoadCrest delivers Sentinel inside a turnkey, pre-manufactured **20-foot containerized Power Delivery unit** — sited just outside the data hall, rated at up to 4MW per module, and designed to align with standard utility interconnect interfaces. The system simultaneously supports MVAC, LVAC, and DC loads. Business model: **Microgrid as a Service (MaaS)** at $20,000/MW/year for primary stabilization and protection controls.

Validated Technology, Real Deployments

LoadCrest's control framework has been validated in two prior real-world deployments:

- **Joint U.S. Air Force / Sandia National Laboratories** — an integrated 800VDC microgrid combining solar, gas generation, battery energy storage, and military loads.
- **Investor-owned utility deployment** — a grid-connected installation that remained operational through Hurricane Ian.

A digital twin of the LoadCrest Power Delivery architecture was completed in Q4 2025 with results that support the core performance thesis. Hardware-in-Loop (HIL) testing is scheduled for Q2 2026.

Investment Terms — SAFE

Term	Detail
Instrument	Simple Agreement for Future Equity (SAFE) — YC post-money form
Offering size	Up to $4,800,000 (rolling close)
Minimum investment	$50,000
Post-money valuation cap	$10,000,000
Discount rate	80% of next qualified financing price (investors receive 20% discount to Series A price)
Offering exemption	Regulation D, Rule 506(c) — general solicitation permitted; verified accredited investors only
Governing law	Delaware
Investor eligibility	Verified accredited investors only (Rule 501, Regulation D)

How the SAFE works: Upon a qualified Equity Financing, each SAFE converts to Preferred Stock at the *lower* of (a) the cap price or (b) 80% of the round price — whichever produces more shares for the investor. In a Liquidity Event prior to conversion, investors receive the greater of their purchase amount or their as-converted value. The SAFE does not bear interest and has no maturity date.

Use of Proceeds

The primary use of this seed capital is to acquire the hardware and equipment necessary to prove LoadCrest's power system CAD model in physical hardware — the hardware instantiation of the validated digital twin. This work directly funds the HIL test program and underpins delivery of the Q4 2026 commercial pilot. Completion of the proof-of-concept is the primary de-risking milestone for Series A financing.

Key Milestones

Quarter	Milestone
Q2 2026	Hardware-in-Loop (HIL) testing complete
Q3 2026	Sub-250ms Sentinel control logic integrated into hardware platform
Q4 2026	Commercial pilot — 1.2MW proof-of-concept with neocloud customer
2027+	Series A financing; expand to additional neocloud and hyperscaler deployments

Risk Factors

An investment in this SAFE involves a high degree of risk. The following is a partial list of risks prospective investors should consider carefully before investing:

- **Early stage.** LoadCrest is a pre-revenue company. There is no assurance the Company will achieve profitability or generate returns for investors.
- **Technology risk.** Sub-250ms control performance has been validated in prior deployments and in digital twin simulation; hardware proof-of-concept results may differ from those projections.
- **Market risk.** The AI data center market is competitive and rapidly evolving. Customer adoption timelines are uncertain.
- **Capital risk.** The Company may require additional financing beyond this round. Future financing may not be available on favorable terms, or at all.
- **Liquidity risk.** The SAFE is illiquid. There is no public market for this instrument or for any securities into which it may convert. A liquidity event may not occur.
- **Regulatory risk.** Securities laws and utility interconnection regulations are subject to change in ways that could adversely affect the Company's business or this offering.

This is not a complete list of risks. Prospective investors should conduct independent due diligence and consult with legal, financial, and tax advisors before investing.

Contact

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