



Introduction

Problem

- Existing Public weather feeds are delayed 30+ minutes
- Market & Weather Data arrives at different times (information arbitrage)
- Forecasts arrive too late for short-term trades
- Clunky PNG/PDF formats, not trader-friendly

Solution

- Be Faster, forecasts & raw data provided under 120 seconds
- Provided in clean actionable formats for Human / Machine review

Our Solution

- Pull fresh satellite observations
 - Sub-2-minute latency via direct ingest
 - Proprietary receiver & algorithm
- **Red Data Pipeline** - Raw Data (faster & made for real-time models)
- **Blue Data Pipeline** - Light Analytics (actionable & made for Trading desks)
 - Minutes-ahead nowcasts (not long-range guesses)
- Structured machine-ready features (JSON, CSV, NetCDF)

What We Do

SynopticFeed delivers sub-2-minute satellite weather intelligence directly from space, turning raw atmospheric observations into actionable, machine-ready signals for traders, utilities, and operators who cannot afford delay.

Our Team



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Unique Insights, Why We Win

Latency matters more than forecast accuracy in short-term energy markets.

- Temperature-based signals work best in real time
- Even small delays degrade performance
- Negative returns for delayed data confirm arbitrage exists only for low-latency traders
- **The value is not “better forecast models.” The value is getting the data first.**

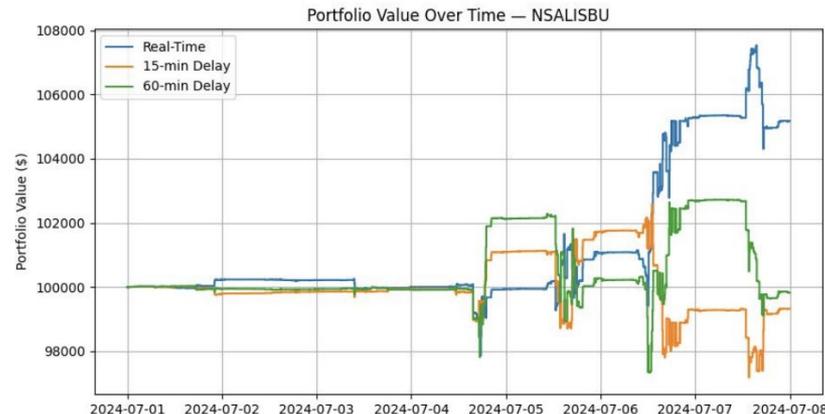
Unique Insights, Why We Win

Traders said:

- “Speed + quality both matter.”
- Intraday surprises bite hardest.
- Data formats are clunky and unusable.

Takeaways:

- In short-term energy markets, weather drives price.
- Even 5–15 minute delays erase edge.
- Existing APIs optimize for coverage and features.
- We optimize for latency and exclusivity.



Node: NSALISBU

- Real-Time: \$105,167.22 | Return: 5.1672%
- 15-min Delay: \$99,323.70 | Return: -0.6763%
- 60-min Delay: \$99,823.78 | Return: -0.1762%

Market Size

- \$490B/year electricity market in U.S.
- Tier-1 Revenue Model
 - Tier-1 Red Data feed: \$240K/year per fund
 - Break-even at 6–7 clients
 - Initial U.S. focus: PJM, ERCOT, CAISO
- ~100–200 serious power trading desks in PJM, ERCOT, CAISO, NYISO, ISO-NE
- If 50 are viable Tier-1 buyers and \$240K per year per fund
- $50 \times \$240K = \mathbf{\$12M}$ annual potential in Tier-1 power alone



The Ask

We are raising **\$750K–\$1M at 5% Pre-Seed** to:

- Deploy two initial ground stations (U.S. + strategic international)
- Finalize latency-optimized ingest infrastructure
- Secure first 3–5 Tier-1 Red Data clients
- Achieve operational break-even at 6–7 clients



