Virtual Power Desk as a Service (VPDaaS)

Quant Power, Democratized — One Phase at a Time

We deliver AI-native forecasting, risk modeling, and power trading strategy optimization—bringing elite quant infrastructure to every power trading desk.

The Problem

Power trading involves 300,000 daily positions across 12,500+ nodes across 7 ISOs. Yet most desks trade blind:

- No granular forecasts
- No per-position risk
- No optimization solutions

Desks focus on trader-centered workflows—not trading strategy design—missing the systemic view.

Flip-Overs—sudden macro regime shifts—break even elite strategies (if practiced at all).

Our Solution

VPDaaS is a modular, cloud-native platform that moves beyond trader-centered micro-decisions to system design.

Key features:

1. Flip-Over Forecasting
2. Per-Position Risk Modeling ($/MWh)
3. Capital-Aware Position Sizing
4. Historical-Forward Simulation—exploring alternate worlds that never occurred, to optimize strategy

Use à la carte or as a full-stack quant desk.

The Grand Vision

*VPDaaS aims to be the "One Ring to Rule Them All" of virtual power trading — **the single meta-layer uniting Forecasts, Risk, Strategy, and Memory** into a seamless infrastructure that empowers smarter, scalable, and repeatable trading strategies across the industry.*

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Why VPDaaS?

• Forecasts what others miss (Flip-Overs)
• Disciplined, structured, reproducible strategy-focused design
• Transparent, tweakable, and auditable—every trade has a traceable logic trail—from signal to sizing.
• Affordable—no $250K buy-ins

Founder

Anguel Grigorov

• 24+ years of quantitative and management experience in energy markets
• 6.5 years live trading in MISO with prototype VPDaaS
• Ex-Enron, S&P Global, Centrica/Direct Energy
• Built simulation engines + signals
Phase I: MISO market, pilot clients, core logic
Simulation archive becomes the memory of power trading industry.

Funding Ask

Raising $2.0M to deliver:
• Flip-Over forecasting — from first principles to scalable solution
• 10,000+ possible-world simulation engine
• Per-position risk diagnostics
• Go-To-Market and pilot rollout

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