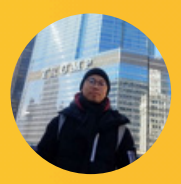
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HOW TO MAKE TRIPLE BENEFIT THROUGH MICRO GRID SYSTEM?



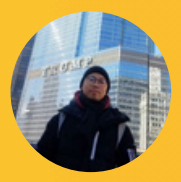
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“

" LOOK AT THIS PRICE SPIKE. IS YOUR BUSINESS PAYING FOR THIS?."

Swipe to see how one Romanian facility turned this daily penalty into a 23.5% IRR asset



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ROMANIA ELECTRICITY SPOT PRICES: NAVIGATING THE EVENING PEAK



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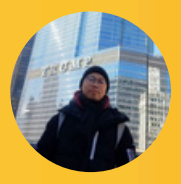
The Problem (The "Solar-Only" Trap)

- Your solar panels peak at noon. But the grid bleeds your cash when the sun sets.

- 🥶 Winter: Low sunlight, but heavy 16-hour daily heating demands.

- 🌃 Night time: Retail electricity rates spike precisely when your factory needs power.

"**A solar system without a battery isn't a solution. It's only half the job**."



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ENERGY GAP COMPARISON

Noon Peak

Peak generation at noon when power is cheap

Night/Winter Bleed

Peak consumption at night/winter when power is most expensive



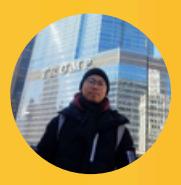
ACT NOW! OPTIMIZE ENERGY STORAGE OR FACE INCREASING UTILITY COSTS. POWER MARKET VOLATILITY IS GROWING.

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The Solution : Case 400kW PV + 700kWh BESS

- We didn't just install panels. We deployed an Energy Arbitrage Machine.
- ☀️ PV Generation: 400kWp high-efficiency system (640 x 630W panels)
- 🔋 System Brain: 700kWh deep-cycle LFP battery
- 💰 Total CAPEX: $232,200 USD (€215,946 EUR) — Turnkey in Romania.

Let’s break down the daily cash flow...



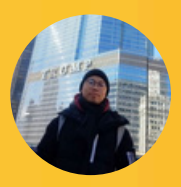
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400 kWp
720W
700 kWh
$232,200
Turnkey / Installed
in Romania

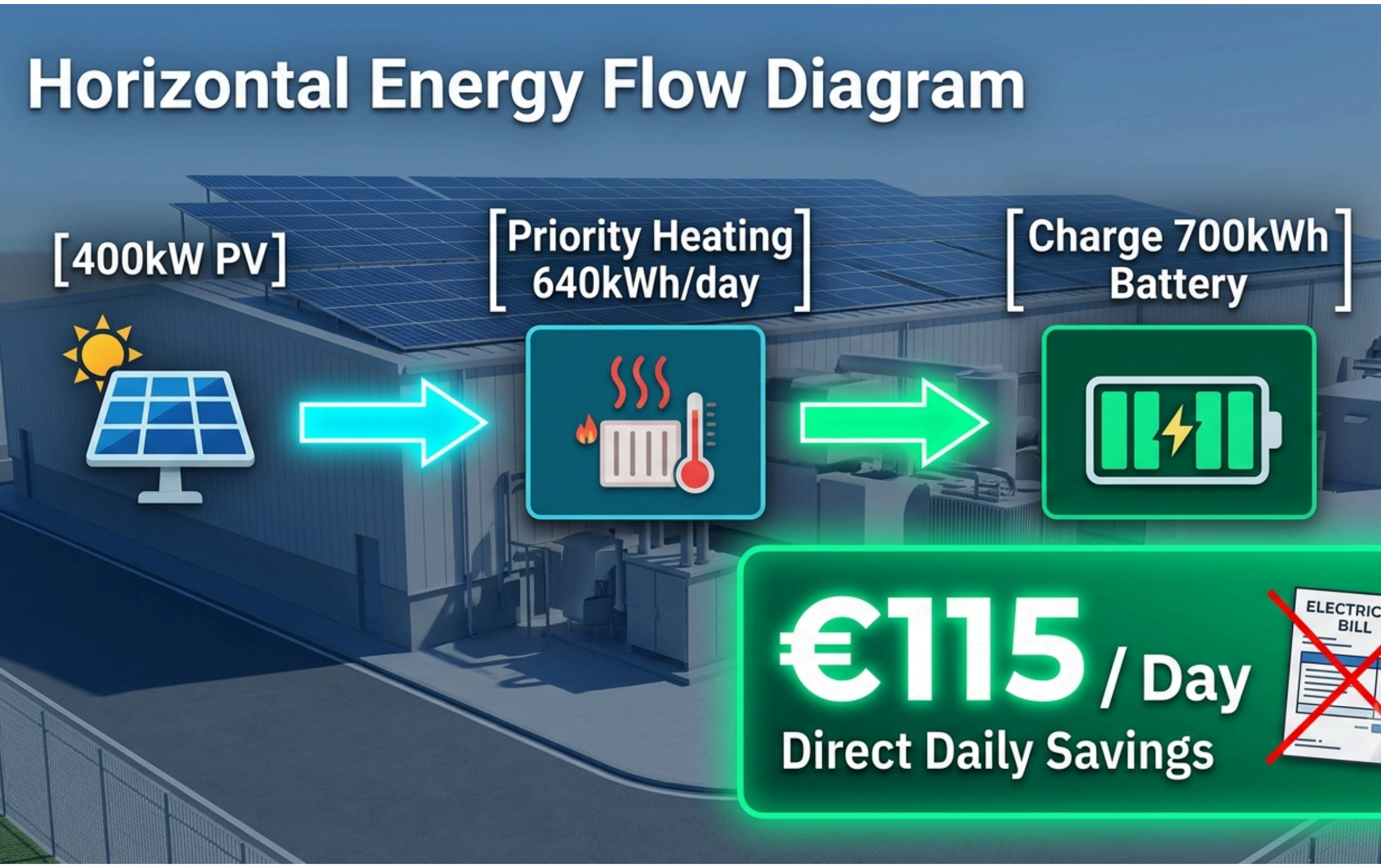
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Winter Strategy 1 :Winter Defense (90 Days)

- ⚠️ The Threat: 16 hours of daily heating at 40 kWh/h = 640 kWh/day.
- 🛡️ The Defense: PV prioritizes the 640 kWh heating load first + battery charging.
- ✅ The Result: €115 saved every single day. Zero grid reliance for heating.



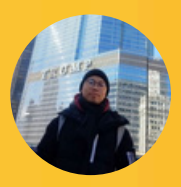
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Horizontal Energy Flow Diagram
[400kW PV]
[Priority Heating
640kWh/day]
[Charge 700kWh
Battery]
€115 / Day
Direct Daily Savings
ELECTRIC
BILL

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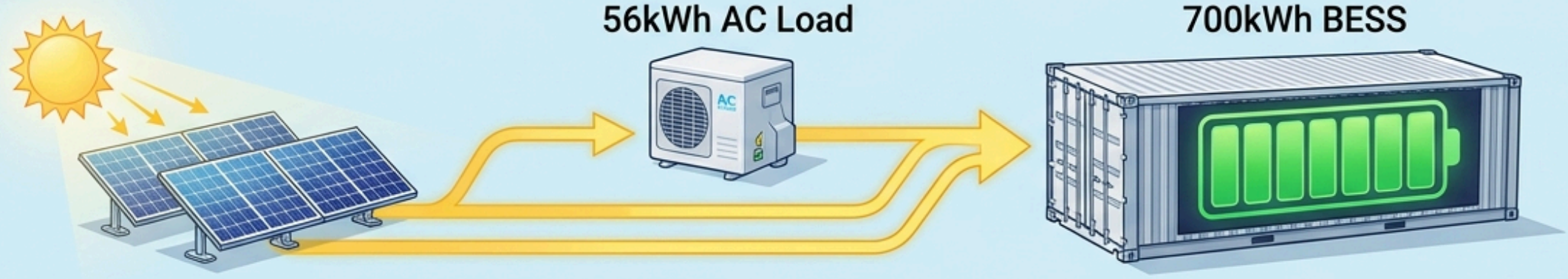
Non-Winter Strategy 2 :The Cash Register,Peak Arbitrage (275 Days)

- Your solar panels peak at noon. But the grid bleeds your cash when the sun sets.
- 🥶 Winter: Low sunlight, but heavy 16-hour daily heating demands.
- 🌃 Night time: Retail electricity rates spike precisely when your factory needs power.



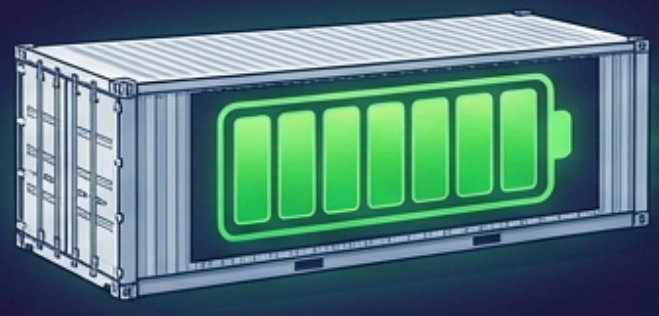
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Daylight



DAYTIME CYCLE: PV Generation ➜ Covers 56kWh AC Load ➜ Fully Charges 700kWh BESS

Nighttime 19:00–22:00





NIGHTTIME PEAK: 700kWh BESS
➜ Discharges power back into the grid

DAILY NET ARBITRAGE REVENUE

+€188 / Day

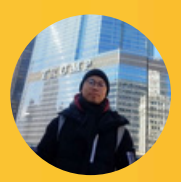
Profit from Buying Low / Selling High

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The Financial Truth (Numbers Don't Lie)

- Total CAPEX: €215,946 (Turnkey, installed)
- Net Annual Cash Flow: €55,859 / year
- Simple Payback: 3.86 Years
- 10-Year ROI: 214% (Benefit-Cost Ratio)
- 10-Year IRR: 23.5%

Why settle for an 8% index fund when your roof yields 23.5%?



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€55,859 / yr

Net Annual Cash Flow

3.86 Years

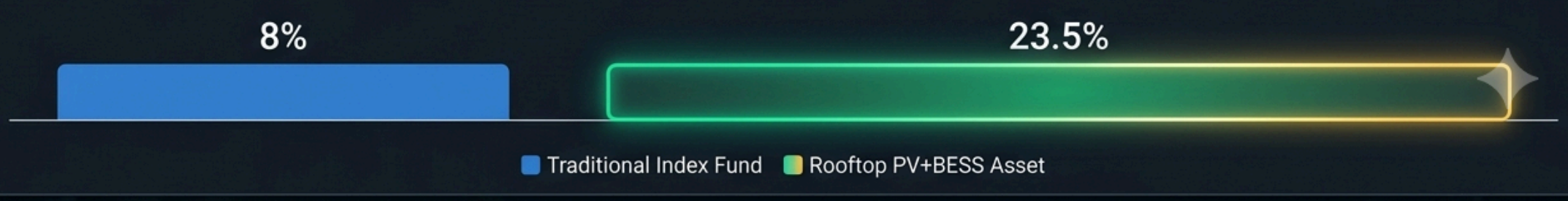
Simple Payback

214%

10-Year ROI

23.5%

10-Year IRR

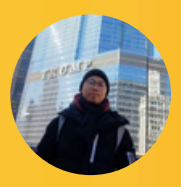


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Why Romania? The Golden Window for BESS is NOW.

- 🇷🇴 2030 Mega-Target: 7GW of renewables coming online = Massive storage deficit.
- 🏭 Gov Tenders Live: 240MW/480MWh utility-scale BESS projects already initiated.
- ⚡ Grid Shift: Accelerated coal phase-out triggers explosive demand for grid flexibility.

💡

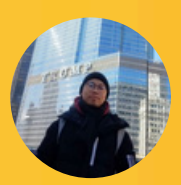


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Why Romania? The Golden Window for BESS is NOW.

- 💡 C&I Freedom: Full market participation for C&I storage with ZERO curtailment limits.
- 📈 Hyper-Growth: Residential storage imports growing 16.35% YoY; C&I is scaling even faster.
- 🌍 Policy Tailwinds: EU funding + Green Certificates = The ultimate ROI booster.



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ROMANIA MARKET DATA: STRATEGIC INSIGHTS



ECONOMIC GROWTH

GDP	GDP Per Capita
+3.2%	15,400 EUR

STOCK MARKET PERFORMANCE

BET Index	Trading Volume
+12%	+18%

INFLATION RATE

Current CPI	Target Range
4.1%	2.5±1%

UNEMPLOYMENT

Current Rate	Q-on-Q Change
5.2%	-0.3%

RETAIL SALES INDEX

Monthly Sales **+8.5%**

Household Consumption Rising

INDUSTRIAL PRODUCTION

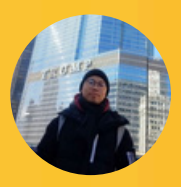
Monthly Output **+4.7%**

Key Sectors: Automotive, Tech

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Stop Selling Equipment. Start Selling Solutions.

- Capacity Optimization: Tailored PV+BESS ratios based on actual seasonal load curves.
- Grid Pre-assessment: Permitting initiated 6 months early to cut project timelines.
- Transparent ROI: 3-tier forecasting (Conservative / Base / Optimistic) + sensitivity model.

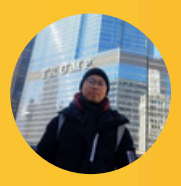


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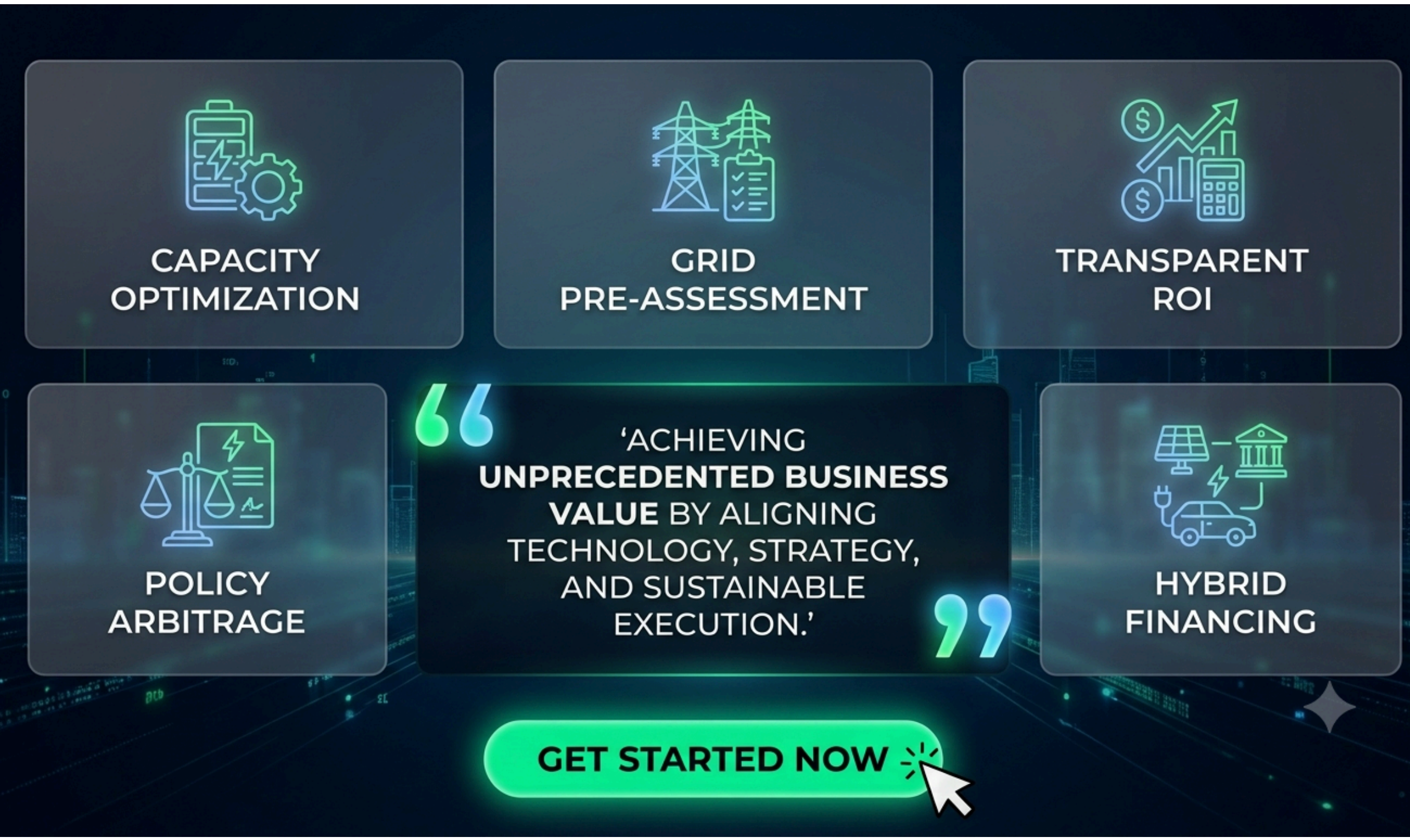
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Stop Selling Equipment. Start Selling Solutions.

- Policy Arbitrage: System capacity splitting & Net Metering optimization.
- Lifecycle Services: 10-year O&M + battery replacement plans + performance insurance.
- Hybrid Financing: EaaS model, green loans, and EU subsidy navigation.



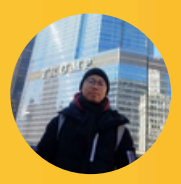
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"The competition in energy storage isn't about having the lowest price. It’s about letting the client sleep well at night."

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DM me "SOLUTION" to start your project assessment today!



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