

# Independent Decision-Grade TEA Validation

For Pre-FID Capital Allocation Decisions

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## What This Is

An independent technical and economic risk assessment for capital-intensive energy technologies. Benchmark-anchored, audit-defensible, and designed to support FID go/no-go decisions.

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## The Problem We Solve

Most techno-economic analysis used in capital decisions falls into one of two failure modes:

**Static benchmarks** (e.g., national lab reports): rigorous but inflexible and non-decisionable

**Custom spreadsheets**: flexible but opaque, unanchored, and high-risk at decision time

This creates a trust gap at the exact moment capital is committed.

Investment committees don't need more analysis. They need defensible decisions.

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## The Offer

**We deliver a Decision-Grade TEA Validation that answers one question clearly:**

**Is this technology robust enough to commit capital? And if not, what would it take—or what should kill the deal?**

This is not model development or advisory consulting. It is an independent technical risk assessment aligned with real capital decisions.

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## What You Receive

A fixed-scope, decision-ready deliverable:

- Explicit GO / NO-GO recommendation (conditional where appropriate)
- Defined kill criteria and binary stage-gate conditions
- Benchmark-anchored CAPEX and OPEX validation
- Downside and stress-test scenarios tied to decision thresholds
- Audit-defensible artifact bundle suitable for investors, boards, and regulators

All analyses conform to ASTM E3200, AACE Class 4, and published national-lab benchmarks where applicable.

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## How This Is Different

More rigorous than Big-4 "technical due diligence"

More decision-oriented than academic or national-lab TEA

More defensible than internal Excel or consultant models

*This work is designed to survive investment committee scrutiny, not to explore ideas.*

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## Engagement Terms

Timeline:	Typical 2–4 weeks from scoped kickoff (accelerated where inputs are ready)
Capital context:	Pre-FID / pre-investment decisions
Output:	Branded PDF + validation artifacts
Fee:	Typical engagements \$75k–\$150k USD
Independence:	No success fees; opinion is methodologically independent

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## Typical Use Cases

- VC / PE or corporate venture technical diligence
- Corporate technology down-selection
- Government commercialization or scale-up programs
- Pre-FID validation for first-of-a-kind projects

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## Jamie Gomez, Ph.D.

Decision-Grade TEA | Independent Validation

Pilot engagements in late 2024; full commercial offering Q1 2025.

Request analysis: [insightquantix.com/commission-analysis](https://insightquantix.com/commission-analysis)

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