

SOLMICROGRID – EXECUTABLE POWER CAMPUSES

Execution – Not Speculation

- Controlled sites
- Containerized turbine gensets in inventory
- Gas, water, fiber and grid access secured
- Power on your timeline



Targeted Offtakers:

- AI data centers & high-performance compute
- Direct lithium extraction & advanced materials processing
- Large industrial loads

Manufacturing, compute, and infrastructure projects with schedule-critical power needs

The Energy Campus Model

SOLMicroGrid develops purpose-built energy campuses designed to deliver:

- Firm, reliable power at scale
- Faster COD timelines than utility interconnection
- Predictable long-term energy pricing
- A clear path to decarbonization if required

Instead of waiting years, your project gets power where and when you need it.

The New Power Reality

Across the U.S., AI data centers and industrial projects face a hard constraint:

- The grid is no longer the gating factor, the timeline is
- Interconnection queues take years. Transmission upgrades are slow, expensive, and uncertain. Even well-capitalized projects are being pushed into 2028+
- Schedule certainty now matters more than the cost of power

The SolMicroGrid Difference: We Control the Critical Variables

SOLMicroGrid develops buildable, controlled, fuel-secured power campuses — not conceptual projects.

- Why our projects can move now:
 - Turbine gensets in inventory
 - Modular 3.5 MW units available now, not on multi-year OEM waitlists
- Site control secured
 - No speculative land strategy
- Water rights & onsite water solutions identified
 - Supports generation and cooling
- Direct access to major natural gas pipelines
 - Firm, scalable fuel supply
- Proximity to grid and fiber
 - Enables interconnection, redundancy, and carrier-neutral connectivity
- Modular, phased architecture
 - Start at 10–100 MW and scale to 1,000+ MW without redesign

THE SITES & COMMERCIAL MODEL

Arkansas – Two Available Sites

Two controlled sites in Southwest Arkansas. Either or both can be developed

- Lafayette County & Macedonia
- Initial deployments starting at 10–50 MW per site
- Each site scalable to 200+ MW
- Sites can be developed independently or in parallel

Both sites benefit from the same strategic attributes:

- Site control secured
- Strong natural gas pipeline access
- Water rights / water access in place
- Fiber and grid proximity
- Suitable for AI, industrial, and DLE loads

This gives customers flexibility in siting, phasing, and expansion strategy while staying within the same development platform.

Elliot Ranch, Texas – Hyperscale Campus

A hyperscale, long-duration power campus in West Texas

- Phase 1: ~100 MW
- Full build-out: Up to 2,000 MW - in 40 MW – 60 MW nodes

Key attributes:

- 5,000+ acres under control, expandable
- ~10 Bcf/day of gas flows through the site
- Water handling solutions identified
- Significant fiber and grid infrastructure nearby
- Access to carbon sequestration options

Why Our Architecture Works

- Modular 3.5 MW containerized turbine gensets
- Fast-start, dispatchable, redundant generation
- Designed for 99.999% availability configurations
- Integrates naturally with batteries, carbon capture, or other DERs over time

Two Paths...

Two Very Different Outcomes

Traditional Grid Path

- Multi-year interconnection risk
- Unknown upgrade costs
- Regulatory and political exposure
- Your schedule is not in your control

SolMicroGrid Energy Campus Path

- Dedicated, controlled generation
- Contracted capacity with schedule certainty
- Known commercial terms
- Independent of transmission bottlenecks
- Expandable as your load grows

Commercial Structure

SolMicroGrid can typically offer:

- Long-term Energy-as-a-Service / PPA-style offtake agreements (10+ years)
- Transparent pricing:
 - Fuel component passed through
 - Fixed component indexed to inflation
- High availability, firm capacity
- Optional battery storage and hybridization

The Bottom Line

- If your project schedule depends on the grid, your project schedule is at risk
- SolMicroGrid offers a faster, executable path to large-scale power
- If you need 10 MW, 100 MW, or 1,000+ MW — and you need it on a defined timeline — let's talk

Backed by:



Contact:

Kirk Edelman

Chief Executive Officer

732-397-8832

kedelman@solmicrogrid.com