



OUR SOLUTIONS

Contracted Power

PROENERGY

CAPEX-FREE, GUARANTEED ENERGY

PROENERGY is your one-stop independent power producer. We provide the ultimate all-in-one power solution featuring proven development, expert financing, standardized equipment, turnkey construction, and world-class operation. The cornerstone of these projects is our PE6000 power block: a standardized, modular, and scalable design that is visually identical from one location to the next.

Our approach takes your new generation solution from concept to commercial operation. We site, permit, and finance the project by maintaining close relationships with governmental organizations, regulatory bodies, and strategic business partners. We manufacture its equipment at the shop and then install it through true turnkey services in the field based on proven engineering and expertise. We also operate the plant using exclusive processes and technology for exceptional reliability.

By serving as your only provider, PROENERGY delivers power at a record-setting pace and lower cost per kilowatt.

THE POWER OF ONE

Speed | 24 Months*

Accelerate time to operation. Our unique platform offers true integration, including in-house equipment manufacturing and engineering, procurement, construction, for world-class delivery times from financial close to first electron.

Reliability | 99% Start Reliability

Generate on demand. As an equipment manufacturer and owner operator, PROENERGY makes improvements to deliver superior performance in all seasons, even extreme weather, with exceptional reliability over 4 years for our fleet.

Experience | 3 GW

Knowledge delivers results. Our contracted power solutions put the complete PROENERGY wheelhouse to work for you, which has delivered seven new dispatchable power generation projects in 5 years.

**This assumes advanced procurement of long-lead items and is dependent on air and land requirements, which vary from market to market.*



SPECIFICATIONS

Capacity	300 MW and up
Startup Time	5 min
Ramp Rate	30 MW/min
Availability	98%
Start Reliability	99%

APPLICATIONS

- Grid connected
- Behind the meter
- Peaking
- Cycling
- Baseload
- Synchronous condensing

CAPABILITIES

- Voltage regulation
- Blackstart generation
- Dual fuel

CONTRACTS

- Power Purchase Agreement (PPA)
- Build-Transfer Agreement
- Equity Purchase Agreement

Power Study
PROENERGY

50x UNITS
2,400 MW
48 months to create the world’s largest fleet



PROJECT DEVELOPMENT

Your dispatchable generation facility will be placed in the optimal location for premium nodal pricing and grid resilience. After initiating a market feasibility study to verify the potential for project success, we refine site selection based on technical and economic advantages. Considerations—including interconnection, land, gas, and water—facilitate reliable injection of megawatts to the market.

Site selection. We consider access, easements, zoning, restrictions, and more to identify the ideal site. Further, we research soil conditions, FAA restrictions, noise compliance, and environmental restrictions for a comprehensive site analysis to include:

- Phase I environmental site assessment
- Waters of the United States or similar reports
- Threatened and endangered species reports
- Cultural and archaeological reports

Interconnect and gas. Based on an interconnection study, we identify a viable grid access point for reliable, economically attractive transmission. Matched to this result is a firm gas supply that offers abundant capacity with minimal pipeline upgrades or lateral requirements.

Water management. We assess sourcing from local municipalities, surface bodies, and wells. In addition, we inform discharge strategies, which include evaporation ponds for zero-liquid discharge facilities.

- Future site
- Gas
- Interconnect

PERMITTING

PROENERGY sets the stage for on-time crew mobilization by performing and conducting all land due diligence. This work includes completing site surveys, negotiating interconnection and gas transport, and securing water rights. Harnessing a strong track record and key relationships, we navigate multiple layers of government review, including federal, state, and local, to execute the appropriate permitting for your project.

Air permitting. We use the exact location, elevation, and emissions profile of your equipment. With the projected operating time, we develop precise atmospheric models that benchmark compliance of the facility.

Water and discharge permitting. We ensure compliant supply and release. We begin with water volume and quality testing at the surface and aquifer levels to inform both the final equipment mix and discharge requirements.

Noise permitting. We begin with an acoustic model of the facility. Our study analyzes sound impacts and zoning restrictions, which include the possibility that regulations may become more restrictive in the future.

Local affairs. We align agreement across communities, stakeholders, and regulators. Drawing on decades of experience, we manage public outreach and media relations for transparency, indigenous affairs and local partners for inclusivity, and adherence to local ordinances and commission approvals for operational readiness.





FINANCING

PROENERGY applies deep expertise in raising capital for your contracted power project. In just 4 years, we have achieved \$2 billion in financial closings to develop, commercialize, construct, and operate 2,400 MW of new dispatchable power facilities. Backed by Energy Capital Partners (ECP), we work with commercial banks, investment banks, and private credit groups to capitalize yield-oriented projects suited for today’s market needs.

Our process begins with a market analysis to validate project viability. Following site selection, we provide comprehensive economic teasers to potential lenders with financial modeling and assessments of construction and post-construction financial risk based upon an Independent Engineer (IE) Report. We manage lender, legal, environmental, operational, and commercial due diligence throughout the financing process. We also negotiate all agreements—including interconnection, gas transport, gas supplier, water, energy management, O&M, and EPC agreements—to facilitate an efficient financial close with distribution of funds and other collateral requirements.

EQUIPMENT

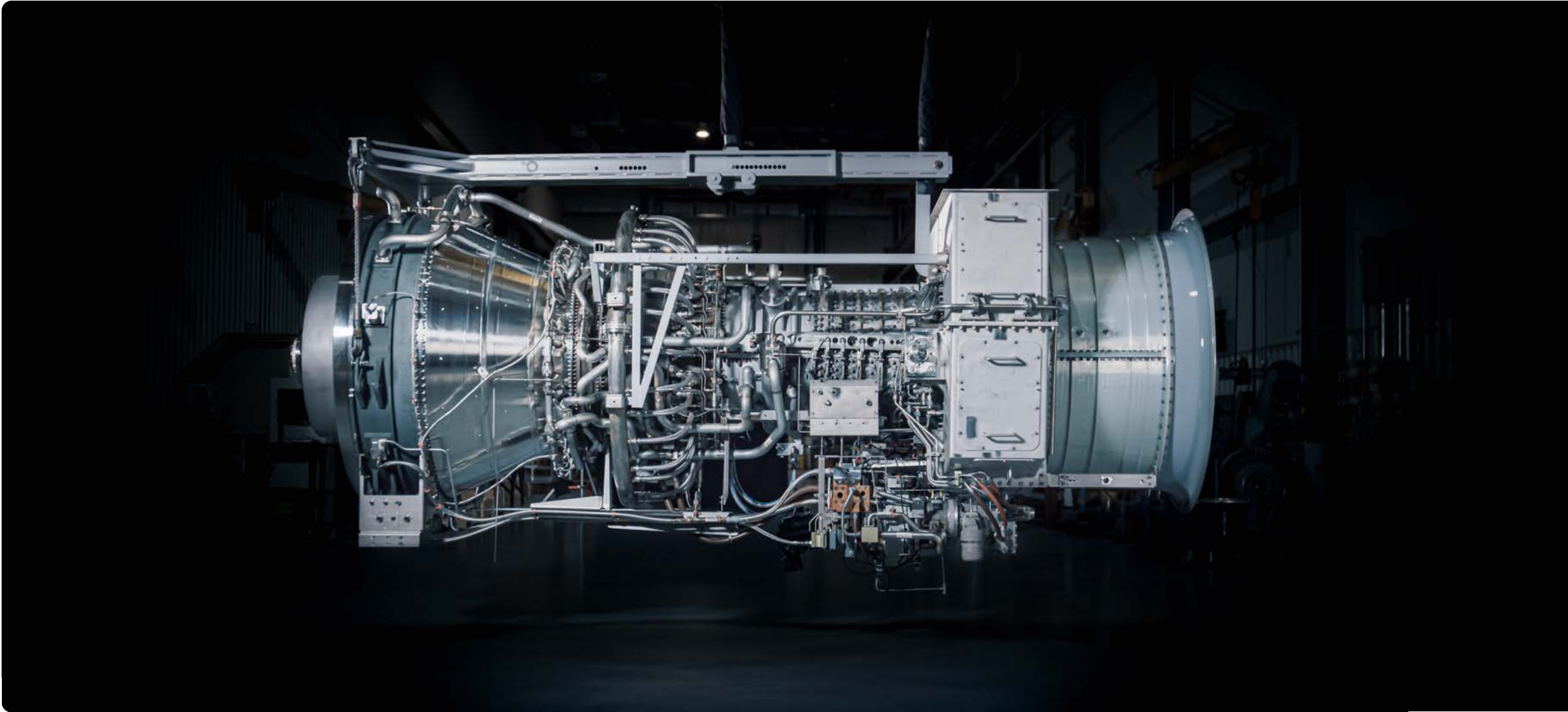
PE6000 AeroDerivative Engine

Deployed and proven worldwide, our PE6000 aeroderivative engine is the ideal dispatchable generation machine. The 50 MW fast-start engine generates fast-start power on demand for your contracted power project. Operating on multiple fuels from natural gas to diesel to hydrogen blends, the PE6000 is the lynchpin between modern and legacy assets. Parts, components, and the engine itself are made to PROENERGY design and specification, and to be interchangeable with the LM6000.

STANDARD

Equipment Supply

- PE6000 aeroderivative engine
- Turbine and generator packages
- Generator
- Water-spray injection and fogging
- Winterization and anti-icing
- Exhaust ducting and stack
- Emissions control system
- Power distribution center (PDC)
- Allen-Bradley control system
- Consolidated auxiliary skid
- Lube oil cooler



Package, built from raw steel to final assembly, has identical design from one to the next with features that expedite installation, facilitate maintenance, and lower emissions.



PDC enables operating two generating units and includes a custom-built enclosure, control panels, electrical equipment, and cabinets.



Winterization, using enclosed skids, and anti-icing system, offering zero gas-turbine power loss, provide resilience in 40°F (4.4°C) and below.



Emissions control system, with exhaust stack, ammonia system, and selective catalytic reduction / carbon monoxide reduction (SCR/COR), reduces greenhouse gas by 90 percent or more.



Consolidated auxiliary skid cuts installation hours, simplifies maintenance with a gearbox-less water pump, and facilitates winterization using a standard enclosure.



TURNKEY PROJECTS

As the single point of contact, PROENERGY manages all-inclusive turnkey services so the project progresses on schedule, on budget, and according to the scope of work. We oversee both the physical construction of the plant as well as support activities. The latter responsibilities include securing essential utilities like gas and water, acquiring easement and land rights for offsite infrastructure, and connecting the plant to the grid for power transmission. All these tasks set the stage for effective, compliant operation.

In parallel, our turnkey crews begin constructing the plant with capabilities beyond any other provider. These in-house teams install the standardized layout at an accelerated pace based on rote experience, from site preparation through startup and commissioning.

Standard Balance of Plant

- Natural gas system
- Water treatment system
- Wastewater system
- Instrument and service air system
- Ammonia system
- Low-voltage system
- High-voltage system
- Controls and relay system
- Civil and structural systems

Site Customizations

- 50 or 60 Hz
- Gas compression
- Liquid fuel system
- Raw water system
- Fire protection system
- Stormwater ponds
- Evaporation ponds
- Fire loop
- Pile foundations



Engineering encompasses multiple in-house disciplines, including structural, civil, electrical, and controls, supported by capabilities in drafting, document control, and design.



Procurement uses sourcing strategies that protect against industry shortages and global disruption, including standing high-volume inventories of critical equipment.



Project crews dedicated to PROENERGY equipment have engrained experience that applies wherever they go for repeatable quality and unmatched speed.



Construction leverages a standardized layout for predictable execution as crews set equipment, connect pipe and cables, integrate BOP systems, and ready the site for commercial power generation.



Startup and commissioning reduces the time to come online thanks to experience with dozens of self-owned and third-party projects.

OPERATIONS AND MAINTENANCE (O&M)

After commissioning, PROENERGY experience as an owner / operator immediately kicks in to mitigate risks and enhance reliability. Together, our O&M teams orchestrate responsibilities through both onsite and remote capabilities. Drawing on both legacy knowledge and fresh training, our experts perform preventative maintenance, monitor and test emissions, send detailed reports, and forecast issues.

Onsite services. Our O&M teams manage all plant procedures, training, environmental compliance, and beyond from day-to-day operations to major maintenance.

Remote Operating Centers (ROCs). Our redundant NERC-compliant facilities with qualified operators offer real-time monitoring, control, and diagnostics 24/7.

Advanced Monitoring and Predictive Solutions (AMPS). Our proven service helps to maintain uptime by predicting potential issues early and sending recommendations immediately.

ASSET MANAGEMENT

PROENERGY seamlessly transitions the project from construction to operations. In the background, we confirm completion of the plant while we manage the economic health of the project. This work includes fulfilling the offtake agreement and meeting financial obligations.

While our engineers provide the expertise, our asset managers provide the strategy to drive performance in energy and ancillary markets. We uphold safe, reliable, and compliant operation by staying ahead of evolving standards as well as empowering the team with documentation and training. We also procure essential commodities that keep the facility running smoothly.





LIFECYCLE CARE

We protect fast-start power assets through a total care service agreement (TCSA). Whether equipment needs attention offsite within our global aero depot network or onsite from our field service teams, we help keep your plant ready to run.

Depot services. We extend engine lifespans by delivering complete in-house capabilities, ranging from service bulletin implementations to hospital visits, rotatable exchanges, and major overhauls. With a 99 percent on-time project turnaround, we overhaul turbines in 120 days guaranteed. An engine test for power and heat rate at our test cell confirms performance.

Technical services. We cover all onsite troubleshooting, maintenance, and aftermarket needs. With 24/7 access to expert engineering assistance, our dedicated team arrives onsite to quickly diagnose and execute repairs when needed.

Lease engines. Our extensive inventory enables power generation in the event of an outage. A critical portion of our parts ecosystem, these engines are available for short- or long-term periods in planned or unplanned scenarios.

OUR CAPABILITIES

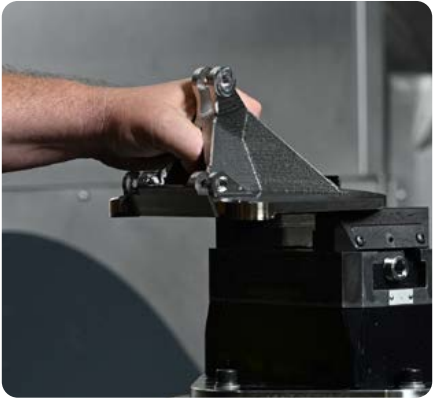
PROENERGY is an engineering, R&D, and manufacturing powerhouse. Where others see impossible challenges, we seize opportunities to lead aeroderivative innovation. Our company delivers fast-start, dispatchable generation solutions through comprehensive capabilities.

Engineering and R&D. PROENERGY created a world-class turbine, standardized package, and reliable balance of plant by owning and operating the equipment ourselves. Leveraging in-house expertise and a robust infrastructure, we wrote the origin story for the next era of fast-start power. We continue to pioneer by accelerating product development, executing turnkey projects, and supporting commercial fleets.

Fabrication and assembly. We manufacture packages with the user front and center. Our in-house process, including heavy fabrication, paint, and assembly, transforms raw steel to installation ready. We also manufacture maintenance-friendly, all-in-one auxiliary skids; design and build modern, open-source control systems; and research and develop multiple power augmentation solutions.

Turbine manufacturing. We manufacture engines that meet today's challenges. Every PE6000 part is manufactured to our specifications and assembled by our skilled technicians. Using technology on the cutting edge, our advanced manufacturing center helps to deliver exceptional precision and meet exact tolerances in the making of our aeroderivative gas turbine.

Aero depot. We deliver quality and reliability through a global network of aeroderivative depots. Our Service Center of Excellence uses a five-gate process to induct, disassemble, repair, and reassemble turbines entirely on campus. While a multimillion-dollar inventory supplies spare parts and components, our proven condition-based approach—typically factoring in such things as a borescope inspection, fired hours, reversals, and an engineering analysis—restores others in an economical, sustainable way for continued engine operation.





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