



ENERGY

Part of a diversified family of solutions

jmt.com





Market Areas

Oil & Gas

Renewables

Energy Management

Energy Efficiency

About Us

JMT is a multidisciplined firm that offers a full array of architectural and engineering services to clients throughout the United States. Our client base consists of federal, state, and local government agencies, as well as private institutions, commercial, and industrial concerns.

The energy market is constantly evolving. Energy production and consumption patterns reflect the changing wants and needs of a growing global population. Specific resource levels may wane in some locations, while new sources and venues emerge. Meanwhile, our clients seek solutions related to energy efficiency, cost effectiveness, and sustainability.



Energy

JMT provides a host of energy-related services to both public and private clients to help address their specific challenges in the most cost-efficient and sustainable manner:

- Land & right-of-way services
- Surveying and mapping
- Environmental studies and permitting including ESCGP-3, NPDES, mitigation banking, DEP Chapter 102 & 105 permitting
- Upstream, midstream, and downstream site design
- Transportation services
- Construction management/inspection
- Energy efficient HVAC & MEP (Mechanical, Plumbing and Electrical) design
- ESCO review and support
- Design of renewable energy systems and support systems
- Systems commissioning
- Energy audits and assessments
- Geotechnical/geologic engineering
- Subsurface Utility Engineering
- Coating inspection
- Structural engineering
- Civil/site engineering and design
- PSM 29 CFR 1910.119

Innovative clean energy sources help to sustainably meet our clients' needs while satisfying clean energy and efficiency standards.



Oil & Gas

The oil and gas industry faces significant challenges, such as regulatory compliance, transportation logistics, environmental stewardship, and technology changes. JMT understands these challenges are ever changing and cannot always be anticipated; therefore, we have dedicated a team of dynamic, highly-qualified individuals to meet the needs of the oil and gas industry that can react on a moment's notice. JMT has also completed safety screenings through AVETTA and ISNetwork.

The knowledge and long-standing relationships that our personnel bring with regard to local governments, counties, and regulators allow us to provide a wide range of services for the oil and gas supply chain for upstream, midstream, and downstream clients.



Renewables

As the world shifts its attention to alternative energy sources, solar, wind, and other forms of renewables will play a vital part. Harnessing the power of the sun, wind, and core of the earth have proven to be effective means to provide clean energy from renewable resources and without harmful emissions.

JMT has been involved in the design, planning, and construction of various renewable energy systems. These innovative clean energy sources help to sustainably meet our clients' energy needs while simultaneously satisfying clean energy and efficiency standards.

Energy Management

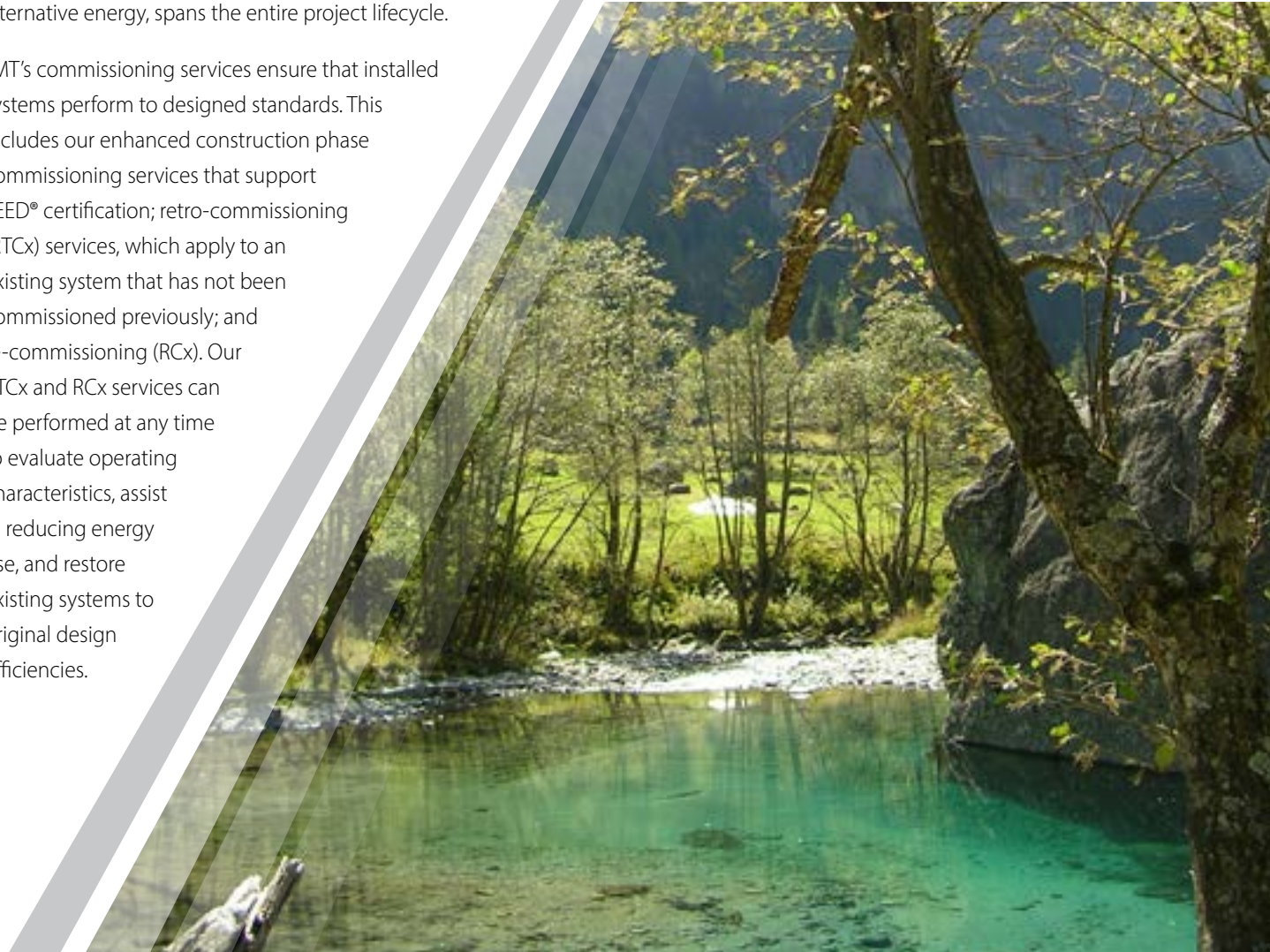
JMT has extensive experience assisting our clients with energy management through design, energy conservation support, LEED and Envision certification assistance, renewable and alternative applications, construction management, commissioning, enhanced commissioning, and retro-commissioning.

We perform energy audits and feasibility studies seeking the most efficient and cost-effective solutions for our clients. Our successes in energy-efficient building system upgrades include HVAC, central energy facilities, building automation systems, energy distribution, and lighting system design. Our innovative approach offers modern alternative solutions implementing geothermal applications, radiant floor heating, and solar PV and thermal systems.

JMT provides a full line of support services from design to construction and beyond, specifically aligned with renewable and alternative energy including owner advisory and representation, renewable resource planning, project execution, design, construction inspection and management, and system commissioning.

Our expertise with Energy Service Companies (ESCOs), emerging as an important driver for renewable and alternative energy, spans the entire project lifecycle.

JMT's commissioning services ensure that installed systems perform to designed standards. This includes our enhanced construction phase commissioning services that support LEED® certification; retro-commissioning (RTCx) services, which apply to an existing system that has not been commissioned previously; and re-commissioning (RCx). Our RTCx and RCx services can be performed at any time to evaluate operating characteristics, assist in reducing energy use, and restore existing systems to original design efficiencies.





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Offices strategically located throughout the United States

