



POWERING THE WORLD

POWERING THE FUTURE OF DATA CENTERS

SCALABLE, RESILIENT, AND SUSTAINABLE SOLUTIONS

As data centers grow exponentially in response to the rise of AI, machine learning, and cloud computing, their power demands increasingly outpace the capacity of the traditional electrical grid.

Long utility upgrade timelines, soaring peak demand costs, and mounting sustainability pressures create complex challenges. With decades of expertise, Prismecs offers tailored, comprehensive power solutions that ensure your data center remains efficient, cost-effective, and always on.

WHO WE ARE

Prismecs specializes in delivering end-to-end, scalable power solutions that meet the evolving needs of data centers worldwide. Our turnkey systems guarantee continuous uptime, enhanced energy efficiency, and grid independence, helping you overcome the limitations of traditional power infrastructure.

KEY CHALLENGES FACED BY DATA CENTERS



Long Utility Upgrade Timelines

Traditional grid infrastructure upgrades often take 24-36 months, delaying critical data center projects.



High Power Costs

Data centers face high demand charges during peak energy usage, significantly increasing operating expenses.



Sustainability Goals

The pressure to meet carbon reduction and sustainability goals challenges data centers reliant on grid electricity.

MODULAR & SCALABLE POWER UNITS

Prismecs' modular power systems adapt to your needs, providing flexibility without operational disruption.

- ✓ Modular Power Units
- ✓ Traditional Power Sources
- ✓ Fuel Flexibility

BRIDGE POWER SOLUTIONS

Our fast-deploy systems ensure your data center remains operational, regardless of grid availability or project transitions.

- ✓ Bridge Power Installations
- ✓ Rapid Deployment

PARTS SOURCING & SUPPLY

Keep your data center running efficiently with Prismecs' global sourcing network for critical power components

- ✓ Sourcing & Procurement
- ✓ Comprehensive Parts Support

OVERCOMING GRID LIMITATIONS

Prismecs provides grid-independent power solutions that enable rapid deployment, giving you the flexibility to scale without waiting for the grid to catch up.

- ✓ Grid Independence
- ✓ Fuel-Flexible Power
- ✓ Rapid Deployment

CONTACT PRISMECS TODAY

Prismecs is your trusted partner in delivering the next generation of power solutions for data centers, ensuring operational continuity and performance in a fast-evolving digital world.

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PRISMECS' COMPREHENSIVE SOLUTIONS

TURNKEY POWER SOLUTIONS

Prismecs delivers complete power systems designed to ensure uninterrupted operations for modern data centers. From design and installation to ongoing operations and maintenance, our solutions keep your data center powered with maximum efficiency and reliability.

- ✓ **Installation & Commissioning:** Integrated systems tailored to support rapid data center growth.
- ✓ **Operations & Maintenance:** 24/7 monitoring and full-service O&M to minimize downtime and optimize performance.
- ✓ **Preventative Maintenance:** Regular system inspections to ensure long-term reliability and reduce the risk of unexpected outages.

DISASTER RECOVERY & BACKUP POWER SOLUTIONS

Protect against power outages and emergencies with reliable backup power solutions from Prismecs.

- ✓ Backup Power Systems
- ✓ Resilient Power Supply

POWER MONITORING & MANAGEMENT

Prismecs provides real-time monitoring and management systems to help you maintain stability, optimize energy usage, and prevent power disruptions before they occur.

- ✓ Power Monitoring Systems

WHY LEADING DATA CENTERS CHOOSE PRISMECS



Proven Expertise



Speed to Market



Cost Efficiency



Sustainability Leadership



99.999% Uptime



GLOBAL EXPERIENCE AND RELIABILITY



Proven Track Record: Globally recognized for our meticulous and reliable approach, Prismecs has successfully managed projects with a total capacity of over 1500 MW. With 6 active projects spanning more than 15 countries, we consistently deliver superior outcomes across a wide range of international projects.



Continuous Collaboration: Prismecs global cooperation with technical institutions enriches our service quality.



HQ & REGIONAL OFFICES	COUNTRIES	PROJECTS CAPACITY	ACTIVE PROJECTS	ACTIVE PROSPECTS
04	15+	1,500+ MW	6	
			Taiwan Oman Switzerland	Bahamas Ireland Greece
				Atoka, Oklahoma Big Hill, Texas Abilene, Texas

THE PRISMECS PHILOSOPHY



People by leveraging the potential of human capital, refracting it through the lens of advanced technology to enhance performance.



Products with tangible embodiment of Prismecs' ability to refract potential into performance ensuring high-quality with innovation and forward-thinking.



Processes by effectively utilizing its resources and strategies as dynamic components that evolve with technological advancements, resulting in high-performance outputs for clients.

THINK PRISMECS

With strategic locations and partners around the globe, PRISMECS is ready to deliver the supply chain and engineered solutions services you need — no matter your operating environment.

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