



P R I S M E C S

# POWERING THE WORLD

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PRISMECS

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# OPTIMAL SOLUTIONS FOR GOVERNMENT NEEDS

## LEADING COMMUNITY TRANSFORMATION WITH PRISMECS

**Prismecs** partners with government sectors and municipalities to deliver sustainable, reliable energy solutions focused on efficiency and community impact. Our experts work alongside local governments to design and manage power systems tailored to each municipality requirements.

Utilizing renewable sources like solar, wind, biomass, and hydroelectric power, we provide energy solutions that meet demand and promote environmental stewardship. Prismecs is committed to advancing sustainability and supporting long-term goals for resilient communities.

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## LANDFILL WASTE- TO- FUEL

Prismecs tackles landfill waste with innovative energy solutions, emphasizing efficiency and reliability while advancing sustainable power generation through renewable integration.



Innovative Energy Solutions



Evolution of Power Generation Solutions



Efficiency & Reliability



Renewable Integration

## GET LOCAL, SCALABLE & FUEL-FLEXIBLE SOLUTIONS WITH LGEN POWER GENERATION

A Linear Generator (LGEN) is a type of electrical generator that converts linear motion into electrical energy. Unlike traditional generators that use rotational motion, linear generators can produce electricity directly from linear movement.

- ✔ Offering game-changing LGEN Power Generation solutions for modernizing the power grid
- ✔ Allows as a backup for renewable energy sources (wind and solar) that fluctuate in power output
- ✔ Easy to install and grid-compatible, ideal for uses ranging from homes to power plants

## WHY YOU SHOULD OPT FOR PRISMECS' LGEN POWER GENERATION SOLUTIONS

- ✔ Easy Modular Installation
- ✔ High Availability & Low Maintenance
- ✔ Up to 25 MW per Acre Scalability

## TRANSFORMING WASTE TO ENERGY

- ✔ Sustainable Transforming Waste Flows Material and Energy
- ✔ Reclaiming water from waste and making it useable
- ✔ Remediating Green Waste Into Soil Amendments
- ✔ 46 Patents Internationally Focused On Circular Economy
- ✔ Eradicating Pathogens, Bacteria and Odor to a Usable Finished Product In An Hour

## ENERGIZING COMMUNITIES

Prismecs leads the way for community related power generation projects by facilitating government initiatives.



Focus on renewable energy sources i.e., solar & wind



Cutting-edge technologies in power generation



Contribution towards environmental stewardship

## LET PRISMECS HELP YOU WITH LGEN POWER GENERATION SOLUTIONS



High Efficiency



Near-Zero NOx



Air Permitting Requirements



Fully Dispatchable



Fuel Flexibility



Operation & Maintenance Services





# 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 9 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

COMPLETED PROJECTS

ACTIVE PROJECTS

PROCUREMENT



HQ & REGIONAL OFFICES	COUNTRIES	PROJECTS CAPACITY	ACTIVE PROJECTS
04	15+	1,500+ MW	9

Taiwan	Greece
Oman	Angola
Switzerland	
Ukraine	
Puerto Rico	

## 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.

## POWERING THE WORLD

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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