



**JIROW**  
TECHNOLOGIES  
— LIMITED —

# EMBEDDED ENERGY INFRASTRUCTURE

Reliable Power Systems for Modern  
Estates & Commercial Clusters

INNOVATE • INTEGRATE • ELEVATE



# Dependable Power Infrastructure for Modern Communities.

Jirow designs, deploys and manages embedded energy systems that transform estate power from a recurring pain point into a reliable operating infrastructure.



## MISSION

Deliver embedded energy infrastructure that ensures transparency and operational reliability.



## VISION

Enable resilient African communities through intelligent power systems.



## POSITIONING

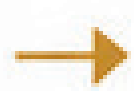
Infrastructure-grade energy operations with smart monitoring and accountability.

## OUR INFRASTRUCTURE APPROACH



### GRID

Stable energy input



### JIROW CONTROL LAYER

Intelligent orchestration & protection



### SMART METERING

Accurate data for visibility



### ESTATE DISTRIBUTION

Reliable power to every point



### MONITORING

Real-time visibility & performance



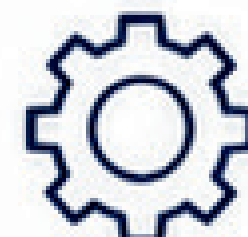
### RELIABLE

Engineered systems built for uptime and stability.



### EFFICIENT

Smart infrastructure that optimizes performance and reduces operational loss.



### INTELLIGENT

Data-driven monitoring and control for better decisions.



### SUSTAINABLE

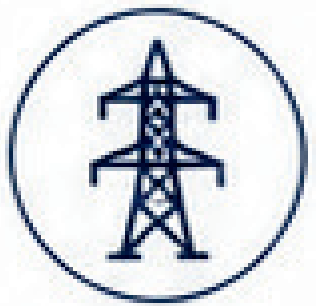
Solutions that support energy transition and long-term value.

Reliable Estate Power. Smarter Infrastructure.

# The Energy Reliability Challenge in Modern Estates

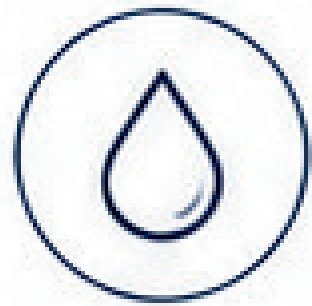
Across many estates and commercial communities, power remains one of the biggest operational risks and cost burdens.

## KEY CHALLENGES



### Unreliable Grid Supply

Frequent outages and voltage instability.



### High Operating Costs

Rising fuel prices and inefficient energy use.



### Maintenance Burden

Reactive maintenance leads to downtime and high costs.



### Lack of Visibility

Limited real-time data and poor energy oversight.



### No Accountability

Unclear performance ownership and service gaps.



### Impact on Communities

Power disruptions affect productivity, comfort and safety.



**30-60%**

Energy cost increase due to inefficiencies



**70%+**

Estates experience power disruptions weekly



**Millions**

Lost in productivity and operational interruptions



**24/7**

Communities need power they can count on

Unreliable power isn't just an inconvenience – it's an ongoing drain on resources, operations and community well-being.

# Reliable Embedded Power Infrastructure Built for Modern Estates.

Jirow delivers managed hybrid energy systems that combine gas generation, intelligent monitoring and scalable infrastructure operations into one dependable platform.



## HYBRID POWER SYSTEMS

Integrated gas, backup and renewable-ready architecture for continuous estate power.



## SMART METERING

Real-time energy visibility, billing accountability and consumption monitoring.



## REMOTE MONITORING

Operational intelligence through centralized monitoring and performance tracking.



## MANAGED OPERATIONS

End-to-end maintenance, uptime management and infrastructure support.

### OUR INTEGRATED SOLUTION FLOW



#### GRID POWER

Stable utility input from the national grid.



#### JIROW CONTROL LAYER

Intelligent control, protection and load management.



#### SMART METERING

Real-time measurement, visibility and billing accuracy.



#### ESTATE DISTRIBUTION

Reliable power delivery to homes, facilities and amenities.



#### MONITORING

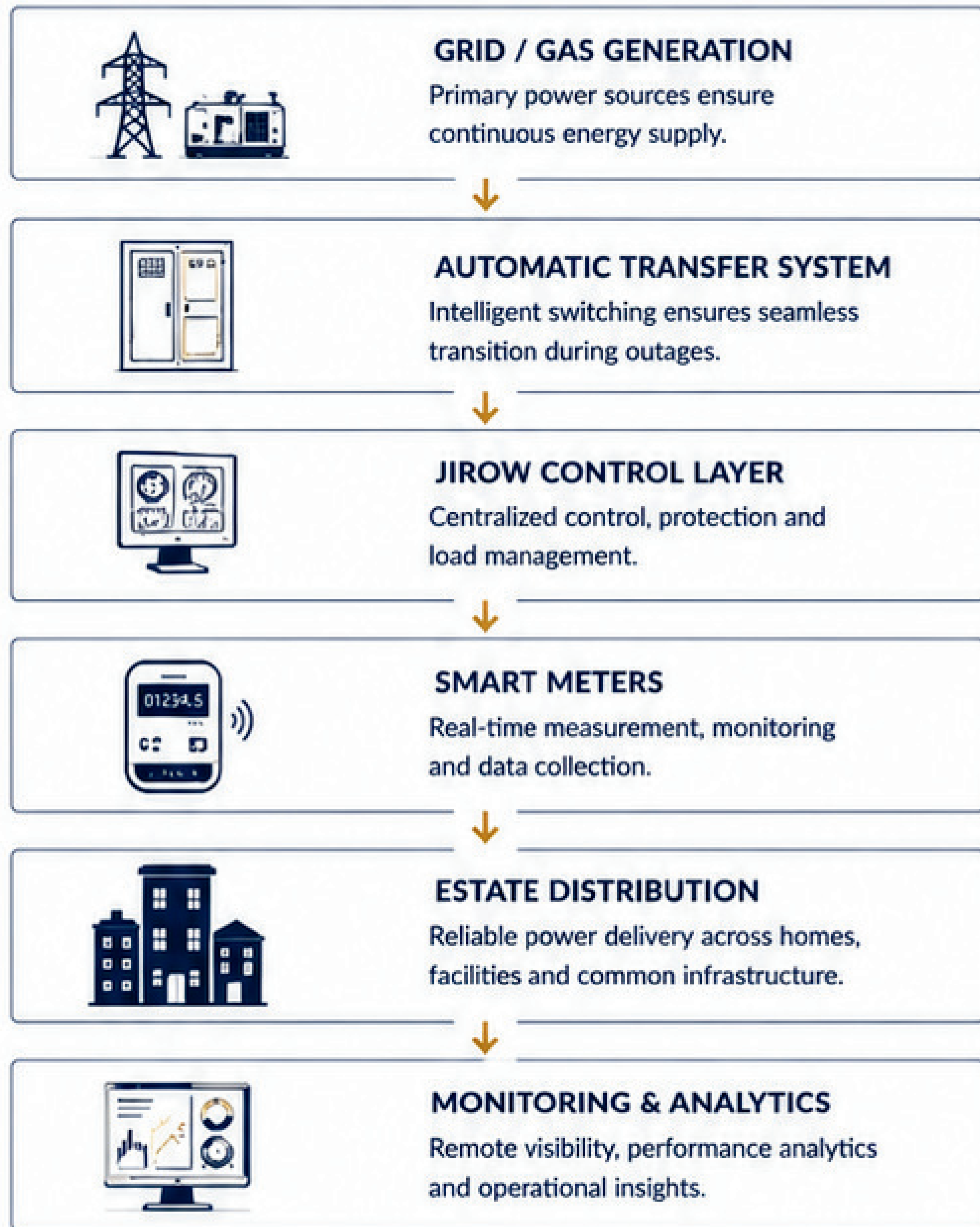
Continuous visibility, analytics and performance insights.

Reliable Estate Power. *Smarter Infrastructure.*



# Integrated Infrastructure. Intelligent Energy Operations.

Jirow combines generation systems, smart metering and operational monitoring into one coordinated infrastructure platform built for reliability and accountability.



**AUTOMATED POWER SWITCHING**

Seamless transition between power sources during outages.

**CENTRALIZED CONTROL**

Operational intelligence through Jirow's monitoring layer.

**SMART BILLING & VISIBILITY**

Transparent energy usage and accountability.

**MAINTENANCE RESPONSE**

Preventive maintenance and uptime-focused support.

**99%+ SYSTEM AVAILABILITY**  
Built for reliability. Designed for estates.

**24/7 MONITORING**  
Always-on monitoring for uninterrupted operations.

**SCALABLE ESTATE INFRASTRUCTURE**  
Flexible systems that grow with your estate.





**REMOTE VISIBILITY**  
Real-time access to data anytime, anywhere.

Reliable Estate Power. Smarter Infrastructure.

# What Reliable Infrastructure Means for Your Estate.

Jirow transforms estate power from a constant operational burden into a dependable infrastructure service that improves resident experience, operational visibility and long-term sustainability.

 <p><b>1. RELIABLE POWER DELIVERY</b> Reduced outages and stable electricity for homes, businesses and shared facilities.</p>	 <p><b>2. LOWER OPERATING COSTS</b> Optimized infrastructure operations and reduced diesel dependency.</p>
 <p><b>3. SMART VISIBILITY</b> Real-time monitoring, accountability and operational transparency.</p>	 <p><b>4. IMPROVED RESIDENT EXPERIENCE</b> Better comfort, safety and confidence within the estate.</p>
 <p><b>5. SCALABLE INFRASTRUCTURE</b> Systems designed to grow alongside estate expansion.</p>	 <p><b>6. OPERATIONAL PEACE OF MIND</b> Jirow manages uptime, monitoring and maintenance response.</p>

 <p><b>24/7 OPERATIONS</b> Continuous power management and infrastructure support.</p>	 <p><b>REDUCED DOWNTIME</b> Minimized outages and faster recovery through intelligent systems.</p>	 <p><b>SMART MONITORING</b> Real-time data, alerts and performance analytics at your fingertips.</p>	 <p><b>LONG-TERM SCALABILITY</b> Future-ready infrastructure that adapts to your estate needs.</p>
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Reliable Estate Power. Smarter Infrastructure.

# Built for Reliability. Engineered for Estates.

Jirow delivers end-to-end infrastructure solutions backed by engineering excellence, proven systems and a commitment to long-term performance.



## OUR CORE CAPABILITIES



### POWER GENERATION SOLUTIONS

High-performance gas and hybrid generation systems designed for reliability and efficiency.



### SMART METERING & BILLING

Advanced metering and billing systems for accuracy, transparency and accountability.



### MONITORING & CONTROL SYSTEMS

Real-time operational monitoring and intelligent control for performance and visibility.



### MAINTENANCE & SUPPORT

Preventive maintenance, rapid response and lifecycle support to maximize uptime.



### PROTECTION & SAFETY ENGINEERING

Integrated protection systems and safety engineering for secure and compliant operations.



### SCALABLE INFRASTRUCTURE SOLUTIONS

Modular, future-ready systems that scale with your estate and energy needs.



### ENGINEERING-DRIVEN SOLUTIONS

Built around reliability, monitoring and operational accountability.



### BUILT FOR MODERN ESTATES

Focused on embedded energy systems for residential and commercial communities.



### SCALABLE SYSTEMS

Infrastructure built to expand with estate growth and future energy integration.



### LOCAL UNDERSTANDING

Solutions tailored for Nigerian power realities and operational challenges.

*Reliable Estate Power. Smarter Infrastructure.*

# End-to-End Solutions for Reliable Estate Power.

Jirow provides integrated infrastructure solutions across the entire energy value chain — from system design to long-term operations and support.

- ✓ Engineering excellence
- ✓ Operational reliability
- ✓ Technology-driven
- ✓ Built for Nigerian realities



## SYSTEM DESIGN & ENGINEERING

Tailored power infrastructure designs that match your estate's load profile, layout and future growth.



## POWER GENERATION SOLUTIONS

Supply, installation and integration of high-performance generators (gas and hybrid systems).



## POWER DISTRIBUTION & AUTOMATION

Automatic transfer systems, distribution infrastructure and intelligent load management.



## SMART METERING & BILLING

Advanced metering and billing solutions for accurate measurement, transparency and accountability.



## MONITORING & ANALYTICS

Real-time visibility into performance, energy usage and system health through our control platform.



## MAINTENANCE & SUPPORT

Preventive maintenance, rapid response and technical support to ensure maximum uptime.



## ONE PARTNER

Single point of responsibility across your entire energy infrastructure.



## RELIABLE SYSTEMS

Engineered for uptime, safety and long-term performance.



## SMART OPERATIONS

Data-driven insights that improve efficiency, reduce waste and support decision-making.



## BUILT TO LAST

Quality components, proper engineering and future-ready infrastructure.

Reliable Estate Power. *Smarter Infrastructure.*

# Our Commitment. Your Long-Term Partner in Infrastructure.

Jirow is committed to delivering reliable, efficient and future-ready power infrastructure that enables estates to operate with confidence, grow sustainably and provide exceptional value to residents and stakeholders.

## OUR COMMITMENT TO YOU



### RELIABILITY AT THE CORE

We design, build and operate systems for uptime, stability and long-term performance.



### ENGINEERING EXCELLENCE

Every solution is engineered with precision, quality and operational practicality.



### OPERATIONAL ACCOUNTABILITY

We take responsibility for performance through monitoring, maintenance and rapid response.



### SUSTAINABLE FUTURE

We build infrastructure that supports energy transition, efficiency and reduced impact.

## NEXT STEPS

Let's build a reliable power infrastructure foundation for your estate.

Our team will work with you to assess your needs, design the right solution and deliver a system that performs—today and into the future.

1



### DISCOVER

We understand your estate, energy needs and goals.

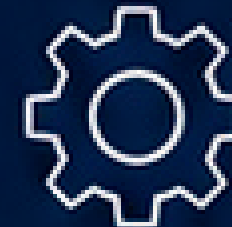
2



### DESIGN

We engineer a tailored solution that meets your requirements.

3



### DELIVER

We execute with quality, safety and operational focus.

4



### OPERATE & OPTIMIZE

We monitor, maintain and continuously improve performance.



Your estate deserves power infrastructure you can count on.

*We're here to make that happen.*



**PARTNERSHIP**  
We grow together.



**INNOVATION**  
We build smarter.



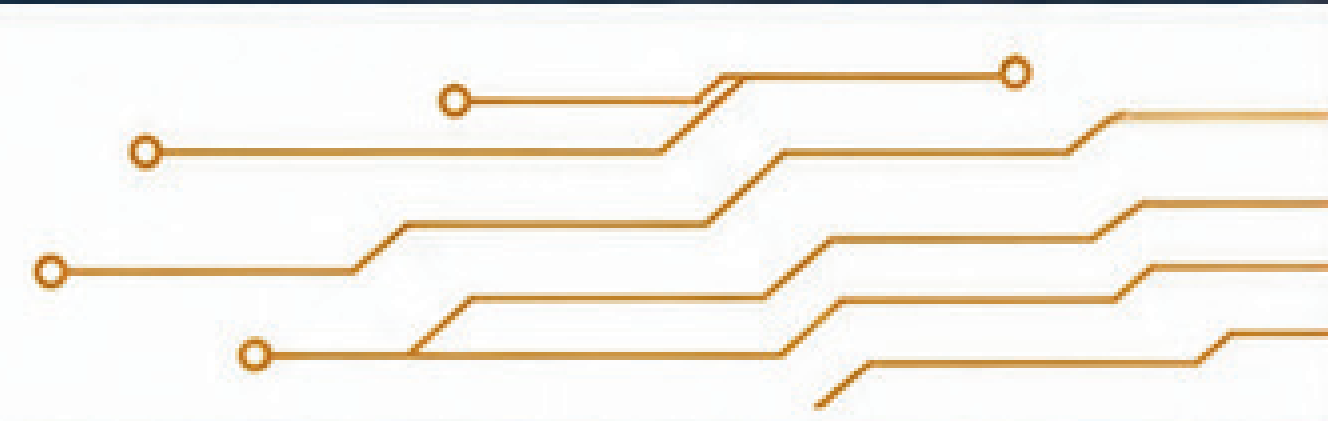
**INTEGRITY**  
We do what's right.



**FOCUS**  
We deliver results.

Reliable Estate Power. Smarter Infrastructure.

LET'S BUILD RELIABLE ENERGY INFRASTRUCTURE.



# JIROW TECHNOLOGIES LIMITED

Deliver managed *embedded* energy infrastructure that improves uptime, operational visibility and long-term reliability.



Embedded  
Energy  
Infrastructure



Smart  
Monitoring



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