



CASE STUDY

Case Study: Eenovators Limited
Maximizes Energy Efficiency with
eGauge Systems



Overview

Eenovators Limited believes in a future where energy is used wisely and sustainably. As a leading energy service company, they empower businesses and communities to climb the Energy Pyramid—advancing from foundational energy analysis to the pinnacle of renewable energy integration.

Driven by innovation and impact, they help organizations reduce costs, enhance efficiency, and achieve meaningful sustainability goals through:

- Comprehensive Energy Audits – uncovering opportunities for efficiency and savings
- Real-Time Monitoring – delivering data-driven insights for proactive management
- Renewable Energy Solutions – integrating clean technologies for a greener future

Their Mission: To provide actionable insights that enable smarter energy management, reduce carbon emissions, and support a sustainable energy future for all.

The Challenge

Problems before eGauge:

- No visibility into consumption patterns
- Inability to identify energy waste sources
- Difficulty measuring the impact of efficiency changes

Without real-time monitoring:

- Energy waste continued undetected
- Investments in conservation lacked justification
- Consumption trends often increased instead of decreased

Key Insight: Equipment-level monitoring reveals 15–20% savings potential.





Why eGauge Systems?

Eenovators chose eGauge Systems for its combination of versatility, accessibility, and ease of use. The following factors contributed to their decision:

- **Multichannel meter:** Monitor 300+ points from a single device
- **Free online portal:** No subscription required for data analysis
- **Ease of use:** Minimal training required for technical teams

Implementation

The eGauge system was implemented primarily by energy engineers within the technical department, and the process was straightforward thanks to the comprehensive eGauge knowledge base and support resources. Minor internet connectivity issues at the client site were quickly resolved with internal troubleshooting, and the intuitive system design meant that minimal training was required. Internal knowledge-sharing, combined with eGauge's guidance, allowed the team to adopt and start using the system effectively with ease.

Integration & Daily Operations

Eenovators uses the eGauge Systems products to:

- Monitor solar system performance
- Optimize system sizing for maximum returns
- Detect drops in production with alarms
- Ensure ISO 50001 compliance

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"What is not measured cannot be controlled. eGauge has allowed us to identify inefficiencies, optimize systems, and deliver real savings for our clients. Its multichannel capability and subscription-free portal make it an invaluable tool for any energy service company."

Chris Mbori, CEO, Eenovators Limited

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Results: From Monitoring to Massive Savings

System 1:

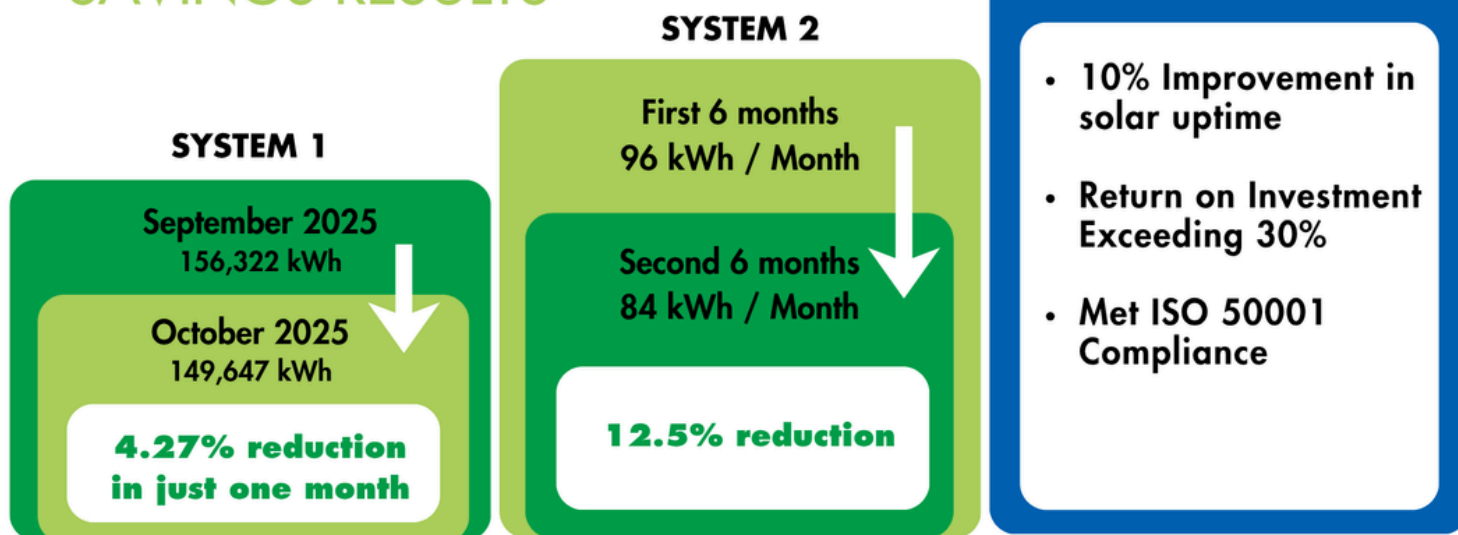
Energy consumption decreased from 156,322 kWh in October 2025 to 149,647 kWh in September 2025, representing a 4.27% reduction in just one month.

System 2:

Saw a drop from 96 kWh per month to 84 kWh per month over six months, achieving a 12.5% reduction and generating monthly savings of approximately 12,000 kWh.

Overall Benefit:

The implementation of eGauge contributed to a 10% improvement in solar uptime, a return on investment exceeding 30%, and significant revenue growth over three years. Additionally, improved metering practices helped the organization achieve ISO 50001 compliance, demonstrating both operational and regulatory benefits.





Future Plans

Eeenovators is planning to expand the use of their eGauge devices beyond energy monitoring to include water, fuel, and gas consumption, enabling a more comprehensive view of resource use. They also intend to leverage eGauge's open API to pull data and integrate it with other platforms, enhancing analytics capabilities and streamlining reporting across their operations.

Recommendation

Eeenovators highly recommends eGauge Systems:

- Cost-effective
- Multichannel metering on a single device
- Subscription-free, no special software required

Rating: ★★★★★ (5/5)

Conclusion

By implementing eGauge Systems, Eeenovators has gained real-time visibility into energy use, providing immediate insights into waste and inefficiencies. With equipment-level monitoring, the team can identify opportunities for up to 20% in potential savings. Beyond simple tracking, eGauge empowers Eeenovators to recognize usage patterns, establish baselines, optimize systems, and verify ROI, making energy management both measurable and actionable across their operations.

