# Declare your energy independence.

Measurz is a dashboard for energy management across locations anywhere around the world. Real-time reporting on the actual system empowers businesses to clearly demonstrate measurable energy management returns in real-time.
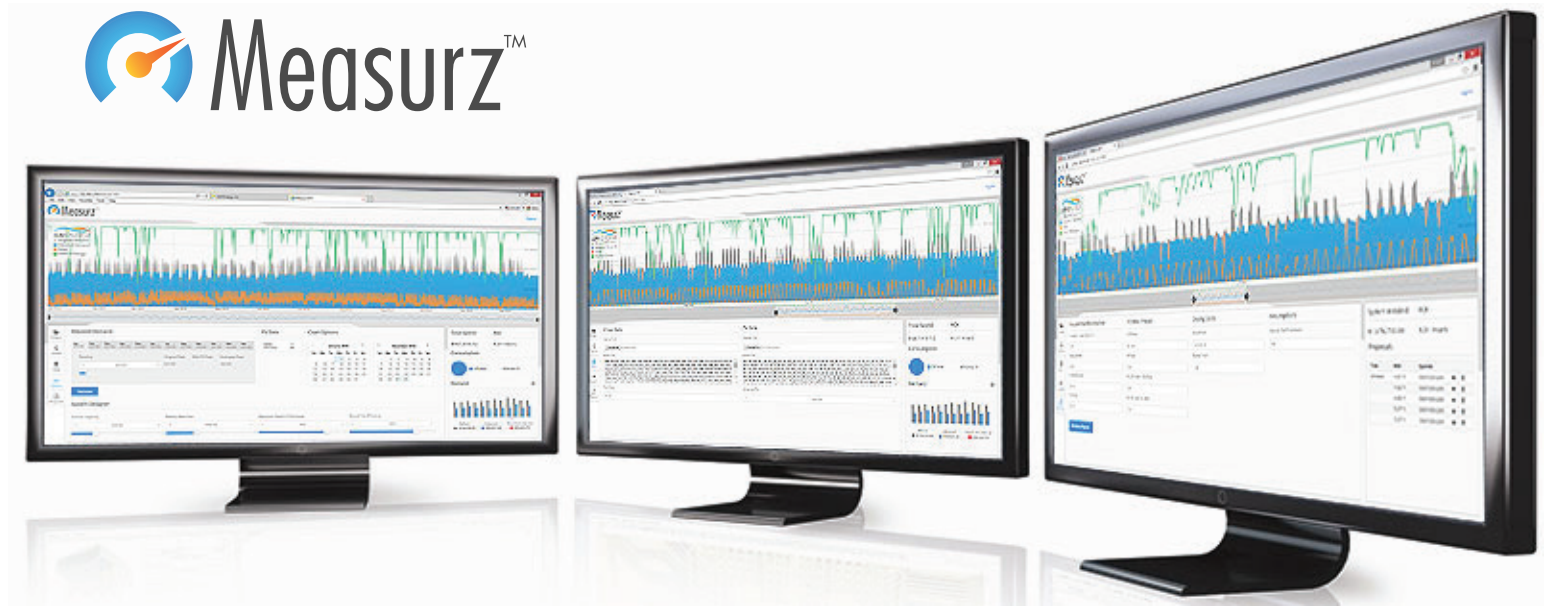
JLM ENERGY
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Measurz acts as a user interface and data collection hub for all JLM's products.
We've built this system from the ground up to be fast, secure, powerful, and stable.
Make informed choices and realize savings through energy generation and conservation techniques.

Measurz Energy Storage Toolkit (EST) is a module of Measurz. By offering a versatile energy modelling and monitoring system, it provides users with an environment to create and study cost savings opportunities using energy storage and renewable energy technologies.

Our Zefr wind turbines, Gyezr solar thermal systems, residential and commercial energy storage systems, in addition to all other energy products manufactured by JLM, are connected to Measurz and can be controlled and monitored via the Internet.



## Technology

Measurz is a single software platform to analyze or track our entire suite of alternative energy products. Our focus is on usability, efficiency and meaningful operational insight to the performance of our products.

Using a Cloud enabled Web Application allows us to offer compatibility on a broad spectrum of systems and devices, via interfaces that nearly everyone has access to, and is comfortable with. We capture every last byte of data possible, maximizing available intelligence and insight, subsequently strengthening and improving our ability in our monitoring and reporting software.



## Cutting edge web application development

Custom MVVM Application Architecture [re: Google], Proven Open Source Programming Languages, [Facebook, Twitter, etc], Industry standard Bcrypt encryption of user data. Non-Blocking I/O Socket Server, NGinx + Node.js Connect for static assets, Redis RAM Cache - [very fast]. Load Balancing, SAN, CDN - redundancy - Scalable Network Architecture plan... Publish model ensures stable version is always current. [dev, build, stage, and finally www]

## Operation

Once a Measurz-compatible product is installed and commissioned, the system controller for the installed system is interfaced to the Internet using a static IP address. The system controller's connection, through the Internet, provides a conduit to JLM's cloud-based network operating center.

Measurz also provides a versatile energy modelling and monitoring system. It provides users with an environment to create and study cost savings opportunities using energy storage and renewable energy technologies.

In particular, optimizing demand shaving, demand management and energy storage systems require sophisticated analysis. Measurz was designed around the need to provide accurate cost analysis in a way that energy managers, financial officers, and business owners alike can understand.

## Ease of use. No software to install!

We set up your account and hand you the keys. ...since it's Internet software, learning curves are shorter and adoption rates are higher. Cloud based software is available anytime, anywhere you have web access.

## Always up to date

You are always working with the very latest stable software and hardware. Servers, storage and system software are upgraded routinely.