Introducing real-time plant monitoring from UL

Transforming data into actionable intelligence

Empowering Trust™

Renewable Asset Monitoring Platform

Manage your renewable assets with UL's connected SaaS platform that brings the power of real-time monitoring, production KPIs, analytics, power forecasting and reporting to renewable project owners around the globe. This platform is designed as a critical component of UL's Renewables Digital Transformation, providing tools to boost the connectivity of assets, product innovation and process automation to help project owners optimize their critical decision making.

RAMP provides customized solutions to owners, O&M directors, asset managers and technicians to manage their assets through monitoring, control, advanced analytics and insights based on UL's performance assessment services on which many global developers and investors have benchmarked their financial models and operating assumptions.

The tool provides users with a fully customizable interface and a ready-to-activate suite of plugin modules. It offers a mobile friendly design, with features such as monitoring, performance analysis, event and alarm management, third party integrations such as weather alarms, TSO, PPAs, plus additional features and services on demand.

Much more than a monitoring platform, RAMP is designed to meet our clients' pressing need for analytics. Advanced KPIs are generated through data optimization, normalization and filtering in accordance with UL's high standards and international guidelines to determine efficiency, availability and yield losses in the most accurate way. Analytics are incorporated into project and portfolio databases to track the evolution of each variable on each unit along the lifespan of the project.

Coming soon!

- ✔ Videowall (portfolio visualization)
- ✔ Real-time monitoring
- ✔ Energy and budget waterfalls
- ✔ Alarms and events categorization
- ✔ User-defined KPIs
- ✔ Analytics-driven insights
- ✔ Performance diagnostics & advanced comparisons
- ✔ Real-time loads/life monitoring
- ✔ Offline data import
- ✔ Reporting

Starter edition available soon and Standard and Premium editions launching later in 2019.

A customizable platform that fits your needs

With Starter, Standard, and Premium editions, UL's digital renewable asset monitoring platform will fit your needs from automatic monitoring and data validation, to configurable alarms, in-depth analysis and reporting. The myriad of widgets available for measuring all kinds of KPIs make the platform totally configurable. With cloud and mobile access, your team can perform operations monitoring from any office or field location.

WHY UL?

Because we're the most trusted independent experts in wind and solar technology. We've been doing groundbreaking work in renewable energy since the industry's nascence, helping our clients mitigate risk and navigate complexity. Our clients trust that we will detect issues not found by others, that we will advise them on the correct path forward, and help them to obtain a better return on their renewable investments.

Put your data to work!

UL's digital platform integrates seamlessly with industry standard SCADA systems placing analytical tools to manage performance and availability in the hands of renewable plant operators.

Key benefits include:

Quantify System Performance and Recoverable Energy Losses: Understand how your plant is performing under all conditions and use deeper-dive analytics to improve energy production.

Manage Expectations: Better tracking, maintenance prioritization practices, and performance improvement all allow for more realistic expectations on performance and return on investment.

Identify Key Performance Indicators: Translate your raw SCADA data into benchmarking metrics and related KPIs. From an independent evaluation of OEM metrics, to consistent owner-specific metrics that may be applied across a fleet of varying turbine types and models, we transform data into powerful asset management information.

UL's Renewable Asset Monitoring Platform (RAMP) will help make it easier for you to focus on the important things, like saving time and money!

More Information:

For more information on UL's Renewable Asset Monitoring Platform and how it can improve your O&M practices, plant performance and overall return on your assets, contact us at: **renewableenergyservices@ul.com**.

Key Office Locations

AFRICA
Johannesburg, SOUTH AFRICA

ASIA PACIFIC
Melbourne, AUSTRALIA
Beijing, CHINA
Suzhou, CHINA
Bangalore, INDIA
Ise, JAPAN
Tokyo, JAPAN
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