GreenBus® Open Source Platform for Utilities

DATASHEET

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Green Energy Corp's GreenBus is a middleware product that enables Smart Grid operations and back-office applications to interoperate in a data-driven, secure and highly scalable open architecture. GreenBus comes with 100's of customized protocol adapters and is packaged with the industry standard DNP3, an Application Programming Interface (API) and a Software Development Kit (SDK).

The GreenBus Advantage

Integrate with High Speed Field I/Os

Using GreenBus, legacy and new grid operations systems can share and access data from the same field I/O resources over a standard API. GreenBus supports a persistent operational model for field equipment and includes core services like measurement processing and event/alarm management for real time operational systems.



GreenBus Graphical User Interface

Web Services Interface: A user interface accessible through a web browser using data push technology. Multiple simultaneous windows are supported. Secure connections provide data integrity and confidentiality.

Visualization Dashboards: Includes a geographical view of network components, system and platform event summaries, and configurable visualization components.

Informational Views: Provides system and platform informational logs to support reporting and auditing.

Automation Views: Field level monitoring and control support.

Management Views: Process related functions like event and alarm management.

GreenBus Support

The Green Energy Corp GreenBus subscription is designed to support near real-time utility management systems throughout their development and production lifecycles.

Green Energy Corp provides support and services to a range of clients —from partners working in the development environments to live production systems. The subscription model is designed to provide the most value in new technology, formalized quality and assurance programs, security updates, support for industry standards, configuration management and continuous operational support.

The subscription agreement is a commitment from Green Energy Corp to provide a supported product lifecycle that enterprises can rely on to mitigate risk and show value for their investment.

Total Grid Open Source Community

Green Energy Corp is proud to sponsor the Total Grid Open Source Community — an open source community dedicated to modernizing national power systems and microgrids while driving the development of the Smart Grid.

The GreenBus is the foundation of the Total Grid Community. As part of the Community, Green Energy Corp contributed an open source DNP3 protocol stack which fully supports the DNP3 Protocol and will continue to contribute new projects as they become available.

Visit the Total Grid Community at www.totalgrid.org

Contact Us

For more information about our Smart Grid and utilities solutions, please visit **greenenergycorp.com** or call 303-453-8338 to speak to a Green Energy Corp representative.

If you are interested in developing applications for the GreenBus, or for more info on the **GreenBus Alliance Program**, contact us at 303-453-8380



Green Energy Corp is proud to be part of the MultiSpeak Initiative

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