Green Button Solution for Utilities

Certified Green Button Solution for Utilities

In partnership with Savage Data Systems, ERTH Corporation offers a seamless, secure and cost-effective Green Button solution that leverages existing technology and solution providers.

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ERTH GB Connector Powered by Savage Data Systems

ERTH Corporation has partnered with Savage Data Systems to provide utilities with a seamless, secure and cost-effective Green Button solution that meets the requirements of O. Reg. 633/21: Energy Data.

The *ERTH GB Connector powered by Savage Data Systems* leverages existing ODS and CIS technologies to connect customers and

third parties with the consumer's energy and billing data. As Ontario's first certified Green Button standard-compliant solution using v3.3, the Savage Data Systems Data Custodian advances the ERTH GB Connector to the front of the pack.

How does it work?

There are two components to the Green Button initiative, **Green Button Connect My Data® (CMD)** and **Green Button Download My Data® (DMD).**
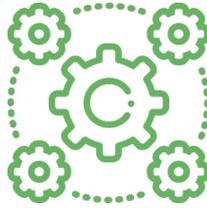
With **CMD** utility consumers can digitally authorize their usage data to be shared with energy-efficiency applications, clean energy companies, analytics firms, and others, who can view and analyze the data and provide additional insights into managing and conserving resource consumption. Consumers can revoke third-party access at anytime.

With **DMD** utility consumers can manually access their utility data in an industry-standard XML format.

Watch the video below to learn how the GB Connector works to facilitate Green Button data.

Schedule a Demo

Why choose the ERTH GB Connector?

Interoperability

Data is available in real-time and there is no need to synchronize the consumer's energy and billing data with an external provider.

Data Security

Consumer data remains within the existing, trusted solution provider's environment, mitigating cyber security threats from external cloud providers.

Cost Mitigation

By leveraging existing technology, there are no additional costs for third party APIs and ongoing data synchronization.

User Experience

The GB Connector does not require a change to your customer portal, ensuring a seamless, user-friendly experience.

Green Button Basics

Why is Green Button being implemented?

The Ontario government is providing families and businesses more control over their electricity and natural gas bills with the introduction of the Green Button Standard that will allow access to their data with a goal of better tracking energy use, reducing bills and saving money.

On November 1, 2021, the Ontario Ministry of Energy enacted O. Reg. 633/21: Energy Data, which requires electric and natural gas utilities across the province to certify with the Green Button Alliance in CMD and DMD, and implement Green Button Connect My Data (CMD) and Download My Data (DMD) solutions that adhere to the NAESB's REQ. 21 ESPI version 3.3 standard (commonly known Green Button) by **November 1, 2023**. Read the full news release.

What is Green Button?

Green Button is a data standard that provides energy customers with more choice in how you access your electricity and natural gas data. With a simple and secure process, customers will be able to securely download (access) or connect (share) their energy usage data in an industry-standard format with

registered 3rd parties.

What is GreenButton Download My Data® (DMD)?

Green Button Download My Data (DMD) enables utility consumers to manually access their utility data in an industry-standard XML format. Customers can then analyze historical and recent usage data to identify trends and make informed choices about their usage.

What is GreenButton Connect My Data® (CMD)?

Green Button Connect My Data (CMD) is the industry standard for securely authorizing and sharing utility data with third-party solution providers. With CMD, utility consumers can digitally authorize their usage data to be shared with energy-efficiency applications, clean energy companies, analytics firms, and others, who can view and analyze the data and provide additional insights into managing and conserving resource consumption.

How does Green Button benefit energy consumers?

- **Improve energy efficiency** — Consumers can use Green Button data to identify and compare their energy usage in order to improve energy-efficiency within their home or business.
- **Reduce energy costs** — By learning their usage patterns and habits, consumers can make informed choices about how much energy they use and when they use it. When consumers use energy during off-peak hours (also known as peak-shaving) and invest in energy-efficient appliances, it saves money and can help reduce strain on

the grid.
- **Energy conservation** — consumers can use their data to conserve energy to help reduce their carbon footprint and protect the environment.
- **Secure access** — with Green Button standards, consumers can rest assured that their data and private information is secure. Utilities must go through a strict testing and certification process to become Green Button standards-compliant.

More information:

- The Green Button Alliance
- GreenButtonData.org
- Ontario Energy Board — Green Button Implementation
- Ontario Regulation 633/21: ENERGY DATA
- Ontario Newsroom

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