

## WHITE PAPER

## Green Button Fact Sheet

WattzOn's LINK ENERGY is a proprietary software platform for easy consumer access to utility data. Green Button is a policy and standards initiative to make this easier. Here's the current status.

### About Green Button

Green Button is an industry initiative, initiated by the White House, to provide utility customers with easy and secure access to their energy usage information. When a utility implements this standard, utility customers are able to download their own detailed energy usage with a simple click of a "Green Button" on the utility websites.

### How It Works

While the Green Button Alliance promotes a standard, thus far every participating utility has a unique implementation of Green Button. So one must check each utility site to see what is available. Typically a consumer logs into the utility site and goes to a specific webpage for Green Button. On that page there will be an option for a consumer to create a csv or xls file of their electricity data, in hourly or 15-minute intervals. In most implementations 30 days of data can be downloaded at once. To get multiple months of data, the user must repeat the download for each month. Data is posted 24 - 72 hours after usage.

Only two utilities offer real-time granular data access, Oklahoma Gas and Electric (not a member of the Green Button Alliance) and Chattanooga EPB.

### Utilities Supporting Green Button

Utilities listed have implemented Green Button or intend to do so in the future.

- American Electric Power
- Austin Energy
- Baltimore Gas & Electric
- Bangor Hydro Electric Company
- CenterPoint Energy
- Central Maine Power
- Chattanooga EPB
- Commonwealth Edison
- Connecticut Light and Power
- Consolidated Edison
- Efficiency Vermont
- Glendale Water and Power
- JEA
- Kootenai Electric Cooperative, Inc.
- National Grid
- NSTAR
- Oncor
- Pacific Power
- PacifiCorp
- PECO
- Pepco Holdings Inc.
- PG&E
- PPL Electric Utilities
- Public Service Company of New Hampshire
- Reliant
- Rocky Mountain Power
- Sawnee Electric Membership Corporation
- SDG&E
- Southern California Edison
- The United Illuminating Company
- TNMP
- TXU Energy
- Virginia Dominion Power
- Western Massachusetts Electric Company
- Yankee Gas

## The Green Button User Experience

Here are the steps the user must take to transfer data to a third-party using a typical Green Button interface:

1. User logs in to his or her utility account by providing username and password.
2. If an online account has not been created, the user will need a recent utility bill to create one.
3. Some utilities require that the user transfer from paper billing to online billing before displaying any data online. It can take up to 30 days for the utility to process this request.
4. User then clicks through a number of web pages to get to the Green Button.  
A new web page opens.
5. User configures the data download with additional clicks.
6. CSV or XLS downloaded, stored on user's hard drive (or phone equivalent)

## Green Button Trends

Utility support for the Green Button standard has built up slowly after the initial push. Smart meter deployments accelerate the intent to adopt Green Button, but all three configurations exist: No Green Button, no smart meter; smart meters without Green Button; Green Button without smart meters.

## How LINK ENERGY and Green Button Fit Together

LINK ENERGY provides an easy-to-use and secure interface for consumers to permission access to their utility data. The LINK ENERGY platform always retrieves the user's utility bills, which Green Button does not include. If the Green Button interface is available, LINK ENERGY will use it to provide smart meter data. If Green Button is not available, LINK ENERGY automatically provides the same type of service. In all cases, LINK ENERGY experience avoids the manual steps detailed above. LINK ENERGY provides automated and secure access to data, while maintaining consumer rights. LINK ENERGY enables a single user experience nationwide.

### ABOUT US

WattzOn provides utility bill data to the energy and credit markets. Any data, any utility. With its advanced machine learning solution, WattzOn is the industry's technology leader. Customers include market leaders in solar, smart home, commercial billing and consumer credit.