

# Using Big Data for Energy Savings



→ Combining mobile, cloud, and innovative Big Data technology, Bidgely empowers consumers to lower their energy bills by delivering real-time feedback and insights into energy consumption.

Bidgely's Appliance Tracing is a **cloud-based** technology that analyzes energy data from millions of homes and generates appliance-level insights **without any plug-level sensors inside the homes**. With cloud-based disaggregation algorithms, Bidgely extracts energy signatures that are unique to appliances in any household, measures energy consumption by each appliance, and **identifies the source of the greatest inefficiencies**, whether it's an appliance or a behavior.

Using Web and mobile apps, Appliance Tracing takes the guesswork out of savings and **provides customers with tools and tips** to make informed decisions on how to become more energy efficient.

## Why a Sustainia100 solution?

Bidgely is a zero-touch, scalable technology that leverages the existing grid infrastructure and unlocks the potential of residential energy efficiency. Bidgely is already helping thousands of families to reduce their energy usage by 5-30% and live more sustainably.



### ENVIRONMENTAL

According to Bidgely, \$50 in annual energy savings in every U.S. home is comparable to the CO2 absorbed by 4 billion trees.



### SOCIAL

Less money spent on energy bills leaves more disposable income to meet other necessities in life.



### ECONOMIC

According to the company, customers realize savings of between 5-30% on energy bills.



Developed in USA

Deployed in **USA, Canada, the Netherlands, Australia, New Zealand**

Bidgely's cloud-based software extracts appliance-level insights from electric meter data, helping consumers identify inefficiencies and deliver energy efficiency at a massive scale.



Find out how much your air conditioner costed you last month.

View historic usage and energy costs by day, month and year.

Estimate your energy bill and stay within the budget.



Let Bidgely give you a personalized energy saving prescription

Identify energy hogs with real time demand gauge and take charge of your use

**Solution by Bidgely**