

MILTON

Better Insights from Interval Data

PROBLEM

Smart meter penetration has surpassed 70% of all US customers, yet the daily stream of millions of AMI data rows can be difficult to leverage. Especially for insights that are dependent on other APIs, such as weather.

Utilities have started building one-off data warehouses to leverage interval data, but the departments that can benefit the most (such as finance and regulatory) are often the least able to use IT-level languages like SQL.

SOLUTION

Milton gets the most out of your data warehouse by providing an easy-to-use online experience for performing interval data analytics. It is purpose-built for utility planning and strategy departments and sits between the data warehouse and the staff that use it:



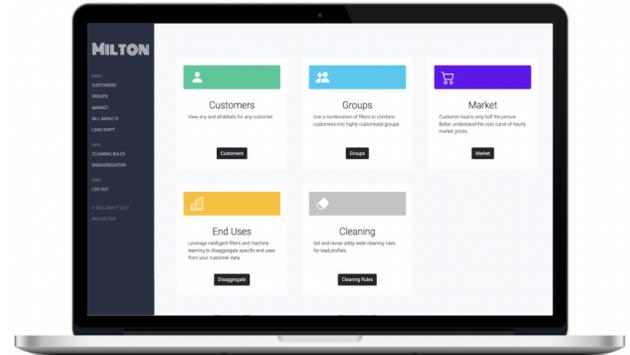
Core functionality includes:

→ **Load Research 2.0.** Auto clean raw meter data to remove zero reads, double reads, and missing entries; automatically aggregate customers to understand behavior by class, region, voltage level, and/or rate.

→ **Bill Impacts.** Apply (or design) a rate to any subset of users to calculate bills instantly. Our rate engine is fast; see it in action here: <https://ev.pge.com/rates>

→ **External Data Tie-ins.** Integrate both publicly available APIs and data from other utility departments to paint a holistic picture of all customers.

→ **Machine Learning.** Milton leverages the same Machine Learning algorithms as social networks to both disaggregate customer end-uses such as EVs and refrigerators, and cluster similar users together.



Getting started is as easy as connecting to existing interval meter data, whether by secure upload or an authenticated API. No data warehouse? No problem. As long as Milton can access interval data, we can get started right away.

CORE PRODUCT TEAM

[Bellawatt's](#) team consists of a unique mix of both energy and technology industry veterans. We are self-funded and profitable, and our consulting work has demonstrated our ability to partner with the leaders of the energy industry. Select clients include:



Our core team “speaks utilities” and covers all aspects of building impactful and user-friendly software:

- ❖ **Eugene Granovsky (CEO);** former regulatory consultant w/ rate case testimony experience.
- ❖ **Brian Knoles (CTO);** full-stack developer with 10+ years experience incl. 5+ for energy co's.
- ❖ **Miroslav Lysyuk;** product leader with a16z & Softbank-funded Silicon Valley startup tenure.
- ❖ **Brandon Shar;** full-stack developer with a Masters degree in Machine Learning.