



Cheaper Greener Smarter

Rushlight Summer Showcase

June 2019

Confidential

boxergy.com

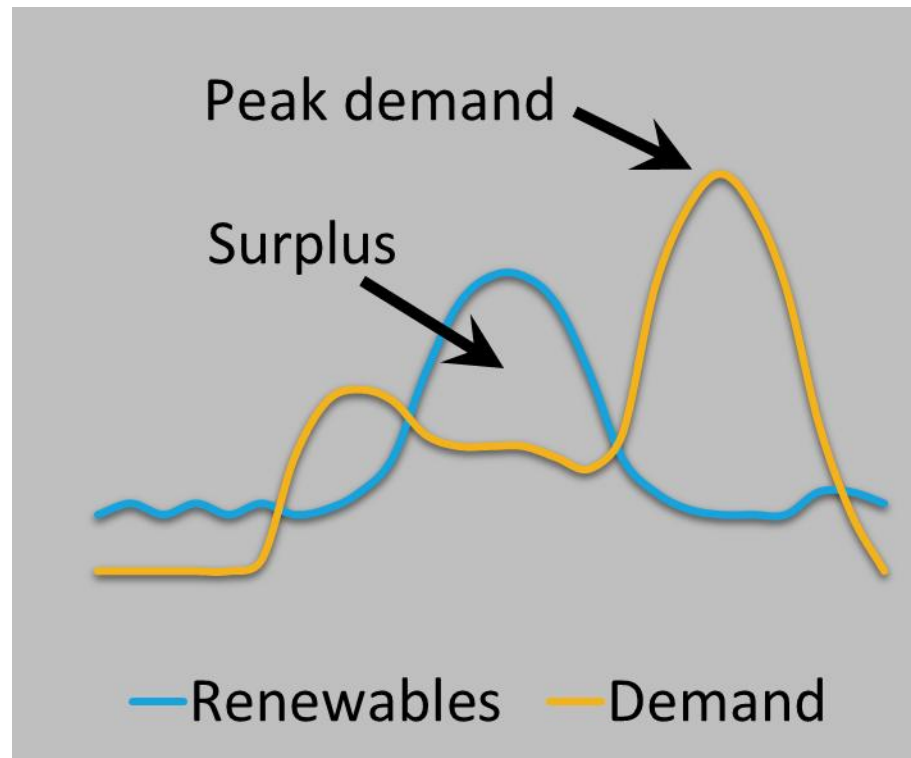


Our Vision

- Decarbonise domestic heating
- Electric heating cheaper than gas
- Reduce domestic CO₂ by 80%
- Accelerate the adoption of renewables

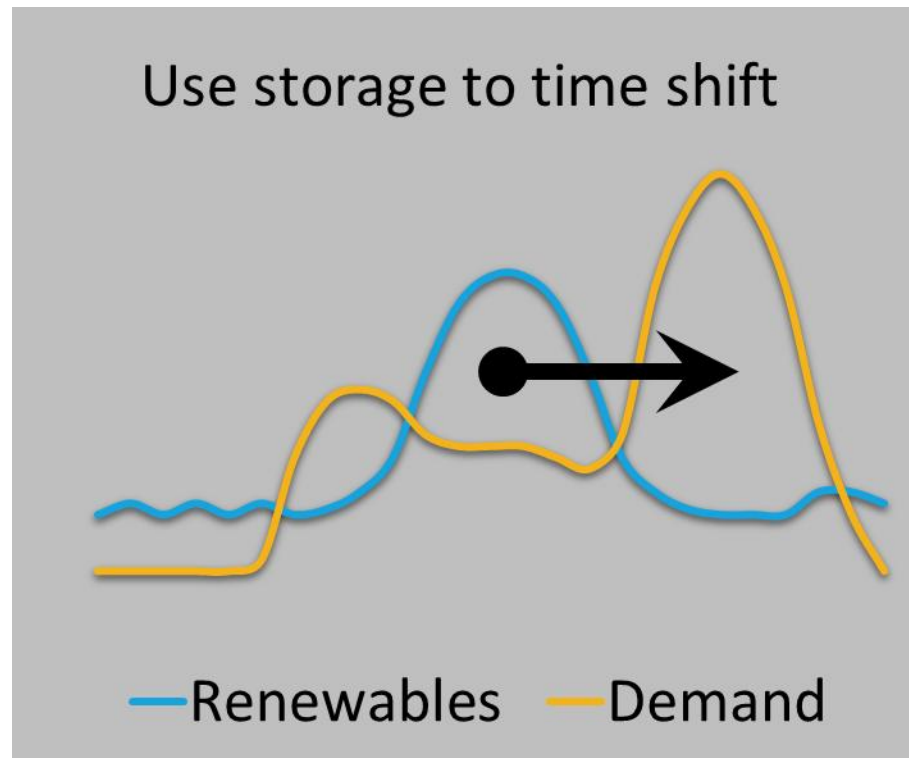
The Problem

- No flexibility in demand, but no guarantee of supply
- Grid creaking - we all use electricity at peak times
- People want to pay less AND go green
- Energy market/companies struggling
- Gas boilers will soon be extinct



The Boxergy Solution

- Decouple energy purchase from use
- Match energy purchase to cheap green times
- Storage at the point of use – heat & electricity
- A standardized “Boxergy” home energy unit
- Integrate green tariff
- Use AI to provide flexibility to the grid



Value Proposition

Customers

- Energy Independence
- Lowest total cost of ownership
- Save at least £500/year on heating
- The more they use the more they save
- A fully green solution

Partners

- Demand and flexibility services
- Differentiation through innovation
- Higher value customers
- Increase effective capacity of networks

Market

We only need to sell 200 to become a significant player.

Total Market – UK

- 27million households -
85% of which is addressable
- 1.6million boilers installed each year
- £4billion market value - gas boilers

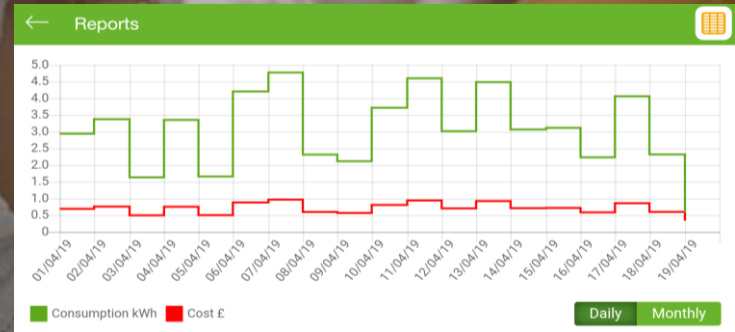
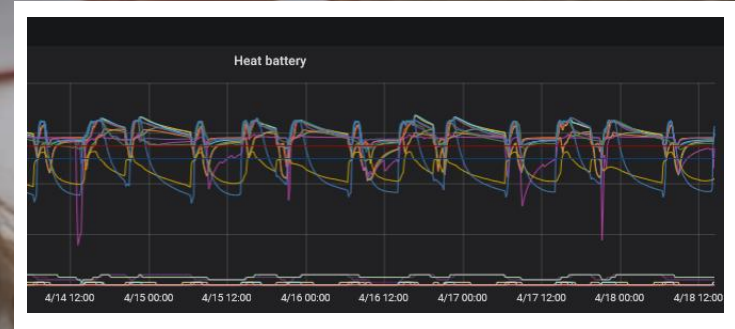
Beach-head Market

- 3.7million off-gas-grid homes -
solid fuel/oil/LPG heating
- 100k boilers installed each year
- Five-years payback
(with Renewable Heat Incentive)

EU-wide market valued at £40billion. Beyond that China & US/Canada.

Progress to Date

- Installed alpha prototype
- Beta prototypes being installed in
 - Scottish energy Centre
 - Trialist home
- 395 Expression of interest
- Built a living lab of 152 homes
- Algorithm & AI under development
- Hired Installation Engineer



Proven Team



Jim Laidlaw

CEO & Founder

Serial entrepreneur,
passionate and tech driven.



James Watson

CTO & Founder

Proven entrepreneur,
100 patents, IP and data driven.



Andrew Aldridge

CFO & Founder

Seasoned investor in energy
technology and infrastructure.



Federico Wening

Marketing Manager

MSc from RGU
in Energy Management.



Michael Hale

Installation Engineer

MA University of Edinburgh,
over eight-years field experience.



Lee Turnbull

Mechanical Design Engineer

MSc Strathclyde University,
over 15-years field experience.

Contact

Jim Laidlaw, CEO

M: +44 7824 703399

E: jl@boxergy.com

