PITCH BY:
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at the Fish Tank, Innovation X Change,
Australian Alliance for Energy Productivity
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DIGITAL ENERGY

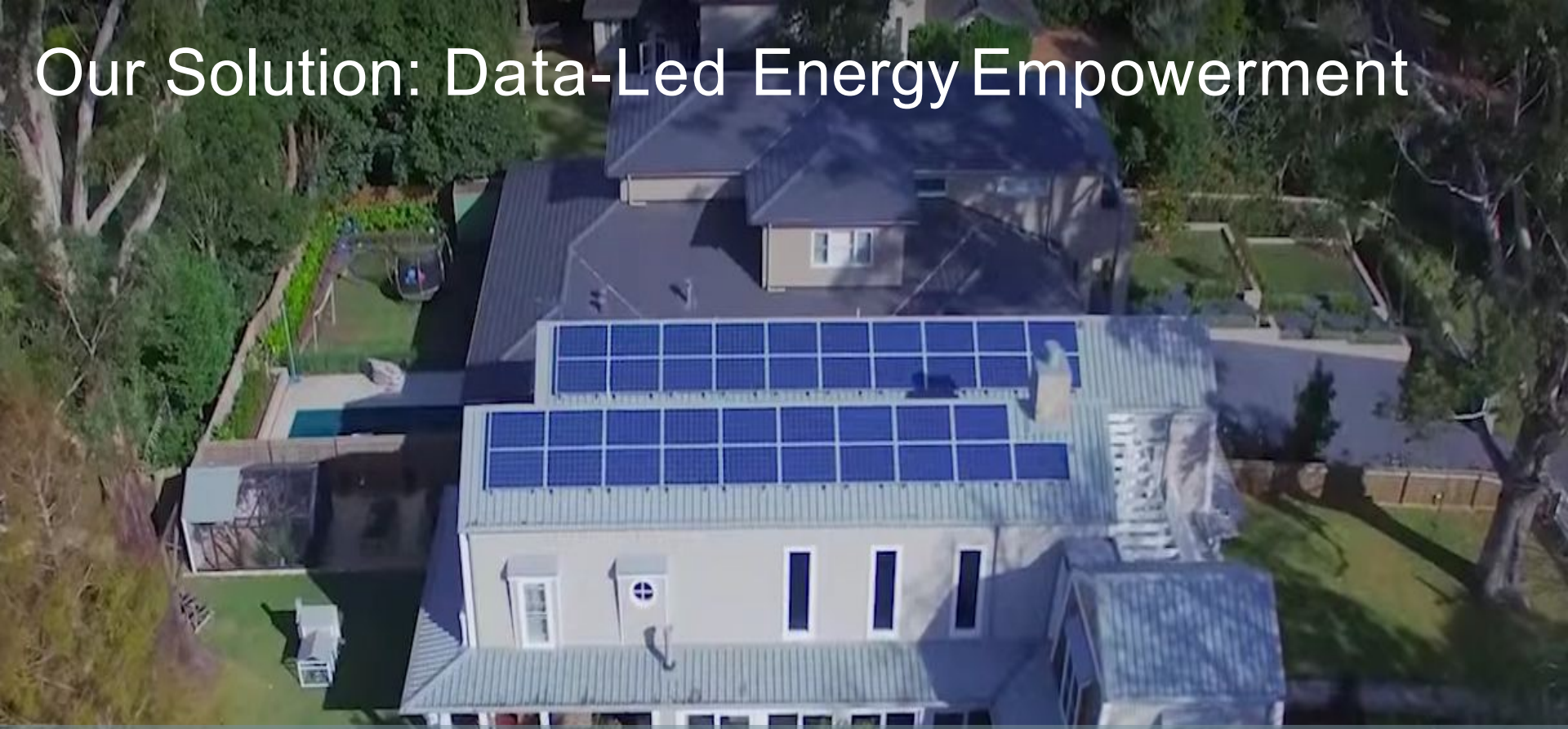
The problem:

It's a digital age…

But we still have a chronic lack of visibility of, and control over, what is happening on the low voltage distribution network …

Which is where electricity is consumed …and now generated and stored as well !

Our Solution: Data-Led Energy Empowerment



Get Data	Shift & Save	Buy Better	Solar/Battery	Trade Energy
Understand how energy is consumed and generated in a site using real-time, very granular data.	Take sensible steps to configure time of use & pay attention to energy saving opportunities with zero/low cost.	Make sure you are buying electricity from an energy retailer best suited to your energy profile.	Invest wisely in adding solar & home storage according to your usage (the longer it takes to add the cheaper it will get).	Decentralised grid here we come .... trade locally, access demand response programs, shift, optimise and pay as little as possible!

THE WATTWATCHERS **ECOSYSTEM**

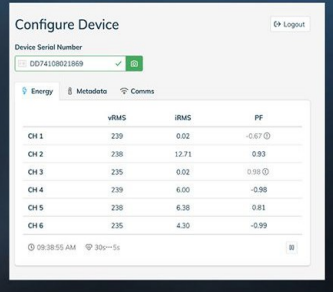
AUDITORS

WATTWATCHERS CLOUD SERVICES (AWS)

Note: Open source and Cloud Service Independent

REST API

WATTWATCHERS APPLICATIONS



ACCURASSI · rayven · solar analytics

deX · Simble · UNICORN · envisij

GreenSync · enVizi · EPS

PARTNER NETWORK

Key uses for energy IoT technology

Building Performance

Retrofit monitoring for 60% less than traditional technologies, and take a data-driven approach to boosting performance and engaging tenants.

Sustainability Reporting

Automate data capture for reporting; measure tenant consumption and exclusion areas for reporting on NABERS, GRESB, GreenStar and more.

Asset Management

Real-time, granular energy data at the equipment-level supports predictive maintenance, predictive failure, condition monitoring and maintenance of distributed assets.

Industrial

Quickly deploy monitoring and gain insight into energy productivity, to save on energy and identify process optimisation opportunities.

Peak load control and switching

Monitor loads in real-time, and use control to avoid demand charges by reducing peaks. As a utility unlock demand response capability at scale. Control equipment remotely.

Distributed Energy

Solar performance monitoring, inverter control and load switching capability can be used to optimise a range of distributed energy resources in standalone or orchestrated VPP.

Electric Mobility

Determine the impact of EV charging on peak load penalties for the site, control charging load to avoid peak penalties.

Project Verification

Cost-effectively monitor project performance at the circuit and equipment-level, and streamline data management for M&V with common protocols.

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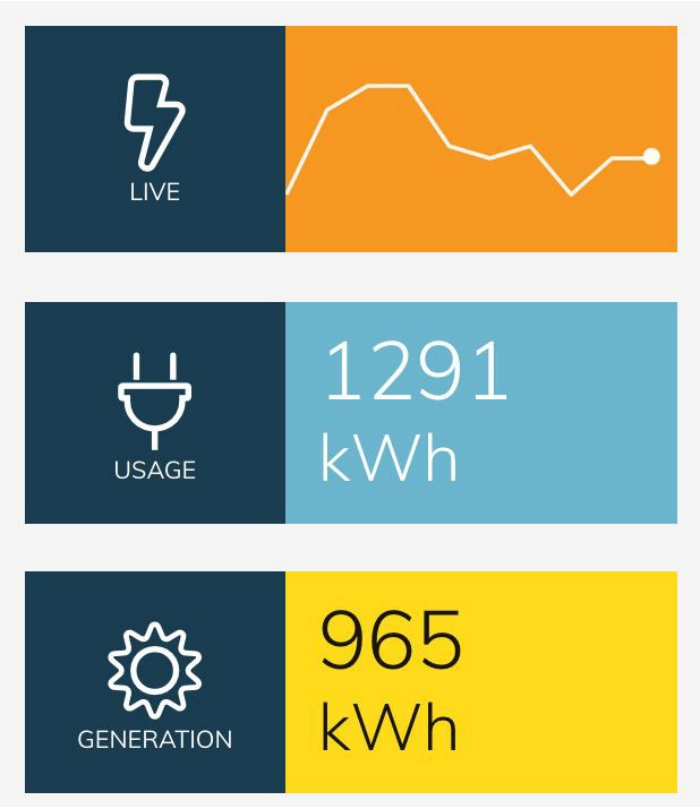
Our devices & data drive step change



FROM ⇒ DISRUPTING GRID **1.0**

- Built for one-way energy flows
- With large centralised generation
- Supply-dominated

VIA ⇒ NAVIGATING GRID **2.0**

- Energy efficiency / productivity
- Renewable energy / DERs
- More consumer participation & data rights

TO ⇒ DELIVERING GRID **3.0**

- Energy intelligence & value-adding
- Informed and empowered consumers / prosumers
- Distributed **visibility and control** for grid / network operators

mydata.energy

Achievements so far:

Proven tech:

- 30K+ devices in field via B2B
- 40+ software partners

Market reach:

- Rollouts in Australia, NZ, UK
- 100+ pilots in 12+ countries

Validation:

- Top certifications
- $4M raised (2017)
- ATC ‘New Energy’ Award 2016

Next steps:

Tech upgrades:

- Launch 3.0 cloud infrastructure
- Aggressive product roadmap

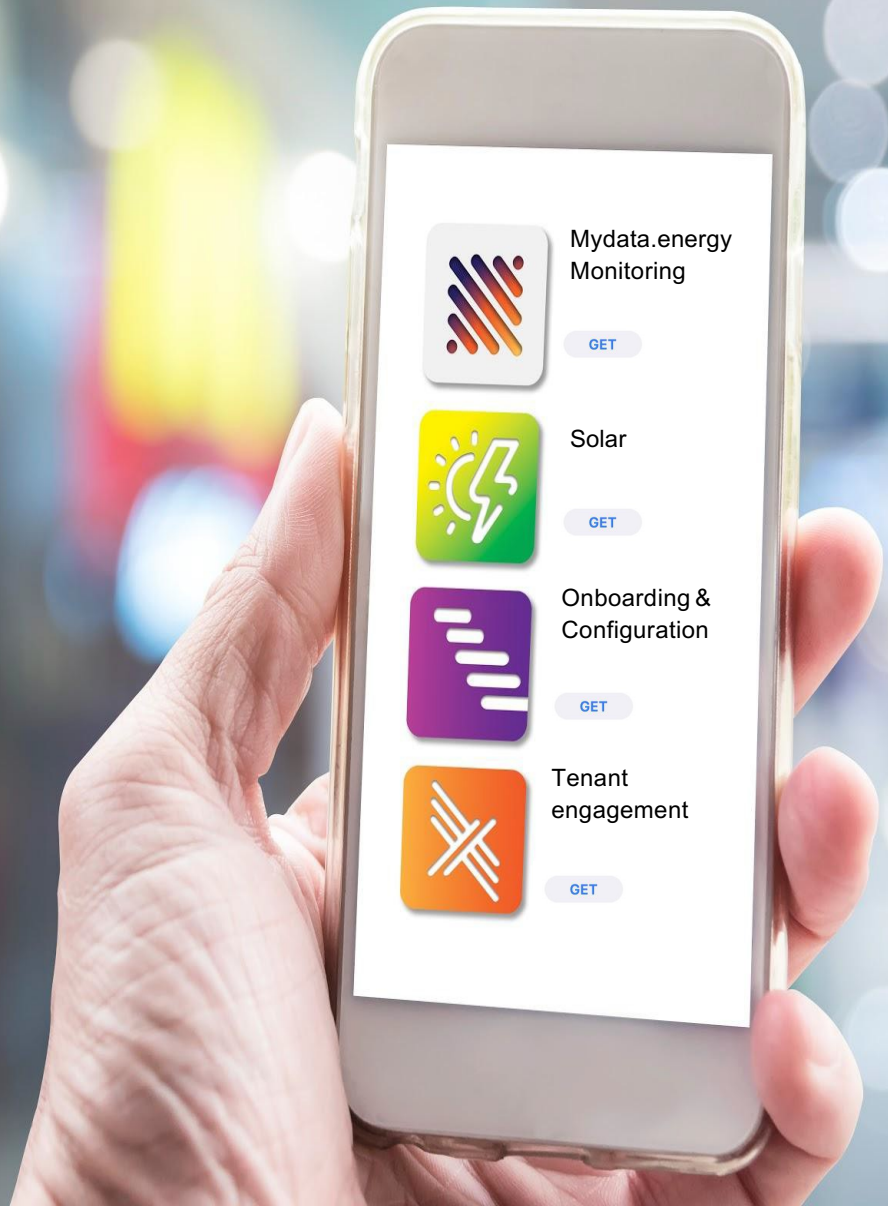
Market shift:

- 5000+ B2C rollout starts FY2020
- ‘App Store’ model for energy users

Raise the stakes:

- Series B capital raise in 2019
- Ramp up growth internationally

Future of Energy ..in your hand!



Wattwatchers Apps

- Budgets & Tariffs
- Real-time Project performance
- Bill Check

Partner Energy Apps

- 1 Million Women — GET
- My Solar — $2.99
- energyOS — $2.99

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