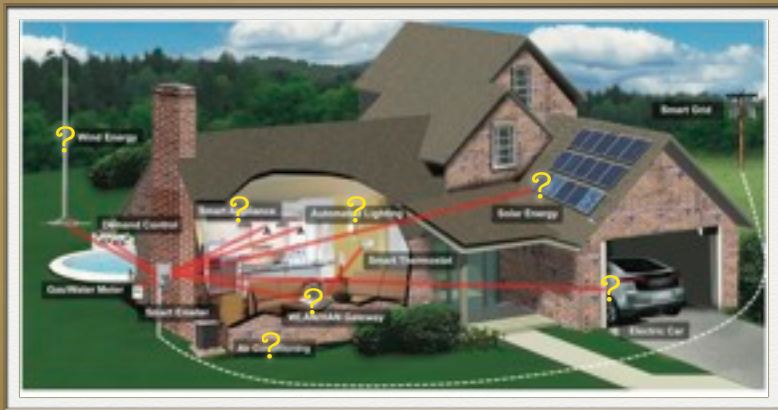


Team 01: PICA

Power Information Collection Architecture

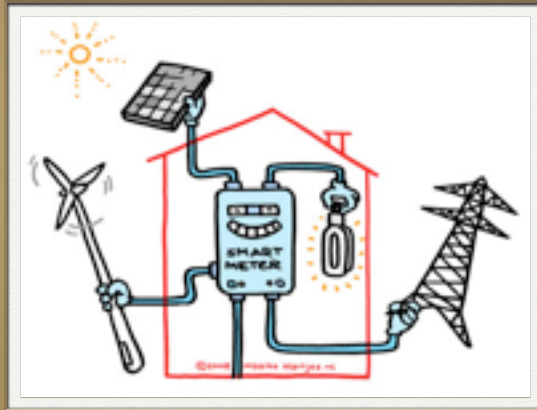
Amy Ball, Nate Jen,
Avery Sterk, Kendrick Wiersma



Home of the Future

The Problem

- Consumers know only about their total power usage for the given billing period.
- Consumers have no way to budget for how much energy they will consume during a billing period.



The Smart Meter

The Solution

- Provides the ability to measure power on a circuit-by-circuit basis, providing the consumer with previously unavailable information.
- Provides the capability to create a “power budget”, providing the consumer with a way to budget power consumption.

Modular Design

- Market penetration
- Adoption rate
- Interoperability



