OVERVIEW

PLAYFUL & ENGAGING VISUAL ANALYTICS FOR ENERGY CONSUMERS

Smart-meters provide ample information about household devices, but consumers lack easy-to-use tools to analyze and make informed decisions about their energy consumption.

EnergyScout provides a playful and intuitive visual analytics interface for deeper than usual analysis of historical meter data using a dashboard with connected visualization components.

CONTEXTUAL EXPLORATION

PUT DATA IN CONTEXT OF WEATHER AND EVENTS
The Overview panel shows the entire history of energy consumption.

Mouse drags allow users to select/adjust a timewindow that gets displayed and analyzed in detail on top. The charts dynamically adapt to show the best possible resolution in smooth transition.

Zooming into the data further will add environmental (weather) and local (modifiable calendar showing events) information and so gives users a better understanding of causes of consumption.

DEVICES AND EVENTS

KNOW YOUR HOUSEHOLD DEVICES
The device list divides the household appliances into three recognizable types. Bar charts indicate how much each category consumes in comparison.

WHAT-IF ANALYSIS

KNOW HOW YOUR CHOICES CAN HAVE AN IMPACT ON COST AND CONSUMPTION
The What-If analysis tool, users can compare any two scenarios. Use the event and device editor to interactively modify device type, count, model, usage pattern or even your rate plan to immediately see how it will impact your bill and energy use. The playful interface of the physically simulated weight scale makes it more fun!