

## Accepted Manuscript

Title: Energy Analytics in Public Buildings using Interactive Histograms

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A highly interactive web interface for multiway power demand analysis is presented.

Charts are fluidly updated under user-driven filter operations on attributes.

Aggregated values (count, sum, avg) of demand data for attribute groups are displayed.

Immediate feedback by live coordinated charts allows to explore different hypotheses.

A data cube formalism is used to describe the problem and the implemented operations.

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