Visualising the Monash Microgrid

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Visualising the Microgrid

What?

Different datasets e.g. building consumption, sensors, assets, temperature, flexibility, forecasts etc. Spatial and temporal data: real-time and historical data.

Why?

Exploration and analysis, and presentation and communication - for different types of users

How?

Many different methods, techniques and tools… Some examples...
Building Manager Dashboard: Mock-Up Designs

Microgrid Electricity Market Operator Project, DELWP and Monash University
Design Research by Brendan Moyle, Mock-Up Designs by Qiuhong Wu.
Building Manager Dashboard: Mock-Up Designs
Visualising the Monash Microgrid in the Future Control Room

Minor Thesis Project: Visualising the Monash Microgrid Using a Large Tiled Wall Display,
By Hala Almukhalfi, Masters in Information Technology, 2019
3D and 2D views shown in the Future Control Room, Monash, Clayton
Featured in the Microgrid Monash Microgrid Video
“Uplift”: Table maps, 3D buildings + AR for collaborative analysis

Lots more to do!