



# Real Time Fault Level Monitor

## Project summary

### Industry Partner(s):

UK Power Networks, Scottish & Southern Electricity Networks

### Innovator:

Zepolla Innovations

### Challenge:

Field workers often struggle to set up their test equipment, laptops, tools and paperwork whilst making site visits; limited options for placement and a lack of flat surfaces can ultimately result in unsafe working practices and reduced productivity.

### Approach:

The EIC discovered the Utilishelf whilst scouting at an international event.

### Outputs:

The Utilishelf is a robust, secure, easy to use magnetic portable work desk that can be fixed onto any magnetic surface (such as a remote substation or a work vehicle) and is designed to hold laptops, test equipment, tools, service manuals and paperwork.



Impact:

**Transformational**



Key benefit:

**Financial**

Real time readings give networks the confidence in whether there is sufficient headroom to connect more generation or battery storage without reinforcements. This means that networks can save money on repairs and closures, and new connections can be added at a lower cost.



Additional benefits:

**Operational**

Identification of fault level capacity in areas of the network that are currently restricted introduces Active Network Management based on fault level.