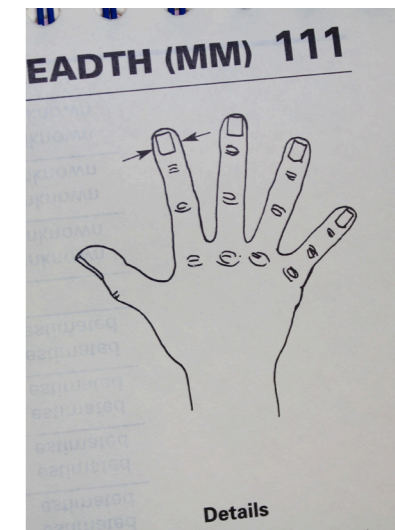
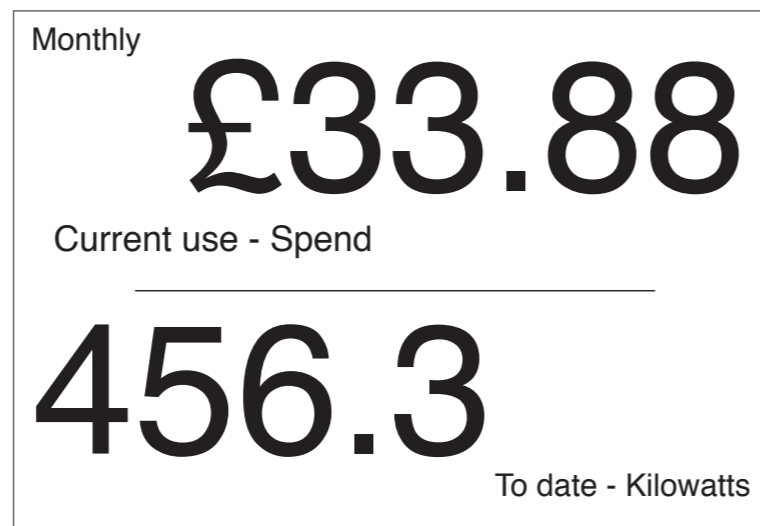
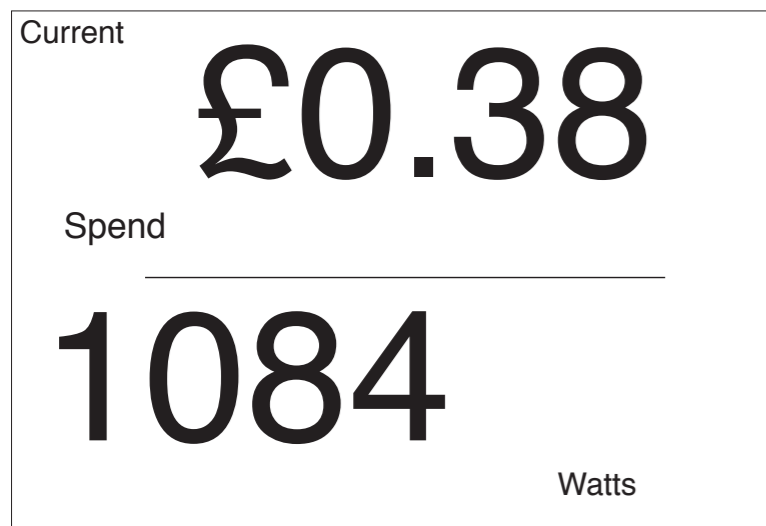


Screen/Device Design



Display

Initially the plan was to keep the large numerical display as it was clear and concise with the information.

There would still be a reduction in options based on questionnaire responses (Appendix E) to the information actually desired by the target user group.

However, the main response from the questionnaire (Appendix B) was that a simple, effective, graphical display would give instantaneous feedback as to level of usage.

Therefore I designed a screen based on some numerical values and a line graph showing a comparison based on current usage against the same period last quarter/year



Feedback

I then added buttons to the device. Based on the majority of the population being right handed [15], I placed the majority of buttons down the right hand side, leaving the left to be gripped.

The buttons corresponded to changes on screen relating to loading tariff process as well as changing what information was displayed.

I then showed this screen to various users including a user with cerebral palsy causing very limited dexterity in her hands and one of my previous test users.

The feedback was the buttons were a bit close to the screen and the graph was a bit clinical, being a line graph which has connotations of hospital monitors.

However they felt the larger screen was a major improvement, drawing attention.