

Human Factors *Conclusions*

11. Do you feel a system like this would make you more likely to keep track of your energy use?

Conclusion

9/10 said yes as the answer. A couple of those added that only as long as the system was simple and effective. This is something which has run throughout all tests that a simplified version of a similar system would genuinely help people track their energy consumption and make positive steps towards reducing it.

12. If you had a system at home to monitor energy, what information would you ideally want it to provide?

Conclusion

There were a few variations in response from cost to usage and from daily timescale to weekly timescale. The theme running throughout was the desire for instantaneous feedback. Not analysis of numbers on a weekly or monthly basis but a feedback mechanism allowing instantaneous action to reduce consumption of energy.

Conclusion - Techniques

Overall I feel the techniques used were very effective in identifying issues within the process. **The observational analysis** was great for finding genuine insight within a particularly defined process. Mainly, the instructions, number of parts and information input provided problems for most people, stressing the need for a simplified process.

The questionnaire allowed me to generate insights into which kinds of information was desired and useful on such a device, as well as determining what form of display this should take.

The task analysis and role play allowed me to assume the position of my target user. By attempting to empathise with the user, I could generate insight into the every day struggles they contend with and hopefully remove that stress from the installation.