



Fact Sheet – Private HV System Alterations & Upgrades

With the high level of risk associated with operations at HV, persons need to be competent and authorised to carry out any works on or near high voltage, plant or equipment.

Works should only be carried out under a "Safe System of Work" i.e. Permit to Work, Sanction for Test or Limitation of Access etc. and this documentation can only be issued by a Senior Authorised Person (SAP) who is both authorised and nominated by the network owner/ controller.

Network designs should be produced to take account of prevailing conditions, known future change and with a designed in flexibility.

The EME Power Systems HV Project:

The EME Power System Project allows the custodian of the network to have access to technical support, help and advice as soon as a project has been conceived.

Business expansions or new projects often run in to difficulties due to power requirements not being considered until the latter stages of design and it is only then that some of the engineering issues are belatedly considered. By this stage it may be too late to design out the problem or as is so often the case; costly and unnecessary modifications may need to be incorporated within the project plan.

With our electrical engineering expertise and industry experience, we aim to assist business from the very earliest stages of your project or expansion. Our engineers can provide you with:

- Comment on technical feasibility of project
- Costed proposals including any alternative options identified
- Guidance on any likely affects to the DNO network (available capacity)
- Full design and installation project package
- Turnkey installation
- Commissioning
- Ongoing maintenance and system support

EME Power Systems only charge for the actual on site project installation works & we make no upfront costs for our design work.

