**THINKING ABOUT A MOBILE GENERATOR CONNECTION?**

**HINTS AND TIPS**

Useful Information

* *When you are speaking to the electricians about the change over switch, our cables come with Litton type connectors so a termination box with littons would be best for us. There are lots of other ways but that would be the quickest and easiest method of connection.*
* *As a guide, our 3 phase generators are capable of the following  -          60kVA @ 84A/phase*

*100kVA @139A/phase*

* *We use 50mm2 double insulated flexible cables for these.*

* *The connections should either be Power Lock Panel Source connections mounted vertically or the better option would be flexible line source connections.*

* *Example - We use Ten47 from Kirkaldy for our connectors at the moment but there are load of other companies out there that supply similar items.*

There may not be a  requirement for hardstanding as we can potentially lift the generator over a  fence or park it on the road by the hall.

With regard to your electricity supply, we would need to know the max load requirements for the hall so we can size an appropriate generator. Your electrician will need to provide that information.

The only other stipulation would be for you to provide a waterproof cabinet with Power Lock Panel Source connections mounted vertically or the better option would be flexible line source connections. A manual changeover switch would also be required.

The quantity of these would depend on the phases supplying the hall but again your electrician will be able to confirm this.

We always tell people that there is no guarantee that SSEPD will be able to provide a generator in times of need. It really depends on the circumstances at the time but this does not stop the hall being supplied by a hired generator if needed.