

Item 6- Applicant statement on fire risk associated with Battery Storage building (1.3MW system)

*'There are suggestions and recommendations from the Fire Authority on how a Lith-Ion fire should be approached but there are no specific regulations in place that stipulate any fire prevention policies or installations. Notwithstanding, the installers approach is one of caution first and the Battery Management System is designed to identify any change in the state of individual cells. If heat is detected it is monitored and if it exceeds manufacturers tolerance, the cell pack is disconnected. This prevents the cell overheating and therefore causing a fire to break out. There would also be pipework built into the battery container that enables a fire tender to pump large quantities of water into the unit if required'.*