



A Protected E-House is a Perfect E-House

Siemens Fire Safety Green Energy Story

usa.siemens.com/firesafety

What is an E-House?

Electrical Houses or "E-Houses" are customized, pre-assembled and pre-test modular powered sub-station. They are used because they are simple to assemble and put into operation providing a rapid and flexible power supply. They have up to 20% less costs including about 50% less planning costs resulting in substantial savings. An E-House is a plug-and-play solution that can be implemented entirely to suit your requirements. They have proven themselves as to be an alternative to conventional power distribution solutions. Therefore, they have been installed in large numbers throughout the world in industry and infrastructure, and for network operators.

Why E-Houses are increasing in number *E- houses: The green energy story*

As the world turns to alternative energy there is a need for more E-Houses. This is due to the fact that wherever windfarm, solar farm and other green energy is present so is an E-House to harvest the energy. With E-Houses being a cost-effective, simple and minimal resources required solution, Data center and other high 24/7 power drawing operations are using E-Houses. As Richard Strain, the Owner of Streamline Fire Protection who specialized in E-Houses said, " It costs a lot to create power and these E-Houses help to offset and reduce those costs so we will see a great increase in the future."

Fire Protection Makes E-Houses Safer

To protect against fire hazards, detection, protection and extinguishing should be an integral part of the project. The systems must be adapted according to local regulations and comply with the necessary certificates. Siemens Fire Systems have been a leader in the Fire Safety industry for over 100 years.

Siemens specifically leads in the E-House category with industry leading detection and suppression. Large facilities operating on a 24/7 hour basis with little to no personal in the building require the most advanced technology to insure peace of mind and security when it comes to fire safety.

Siemens ASA technology™ Detection with a No False Alarm Guarantee gives the E-Houses the assurance that there will be no cost from false alarms due to detector improperly alarming, resulting in less downtime for the business.

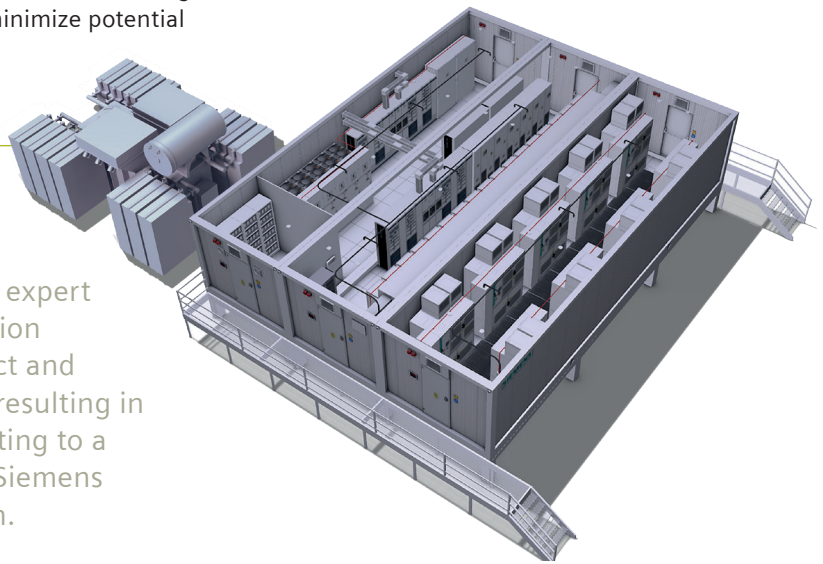
Siemens Sinorix Suppression portfolio leads in the E-House category with the NOVEC 1230 which is a suppression product that has 0 NAOL or no adverse environmental effects.

This is specifically important to ensure suppression at the first sign of emergency to minimize potential damage.

To protect against fire hazards, detection, and extinguishing should be an integral part of the project.

Due to the established competence and experience with systems worldwide, our team of experts can easily install any system necessary for the project, so that it only has to be put into operation on final customer site.

“Engineering correctly at the start of the project to ensure optimal performance will guarantee minimal issues later on” Richard Strain who is an expert in the Design Build Field explains. Siemens Solution Partners have the advantage to purchase, interact and communicate directly with the Siemens Factory resulting in effective and efficient projects. “Everyone is shifting to a turnkey approach” says Richard, Working with a Siemens Partner enables that this type of turnkey solution.



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