Beijing battery storage

Beijing battery storage

Thank you for choosing Automatic Translation. Currently we are offering translations from English into French and German, with more translation languages to be added in the near future. Please be aware that these translations are generated by a third party AI software service. While we have found that the translations are mostly correct, they may not be perfect in every case. To ensure the information you read is correct, please refer to the original article in English. If you find an error in a translation which you would like to bring to our attention, it would help us greatly if you let us know. We can correct any text or section, once we are aware of it. Please do not hesitate to contact our webmaster to let us know of any translation errors.

CTIF International Association of Fire Services works to collect Lessons Learned and to promote learning from fires, accidents and natural disasters. Please contact us with your Lessons Learned paper or story to share here on CTIF .

On April 16anexplosion occurred when Beijingfirefighters were responding toa fire in a 25 MWh lithium-iron phosphate battery connected toa rooftop solar panel installation. Two firefighters were killed and one injured. CTIF can now publish a translation of the Chinese report from the incident.

Beijing Fire Station has beeninvestigating the cause of a firein an LFPbattery which killed the two firefighters while working to put out a fire on the roof of a shopping mall in the Chinese capital on Friday April 16th.

The city fire station said it received reports of a fire at the Jimei Home Dahongmen store at 12:17 p.m. and allegedly dispatched 235 firefighters with 47 fire trucks from 15 fire stations.

An explosion occurred in the north section which killedtwo firefighters and injured a third. Also astaff member of the Beijing Gotion Full-Service has been missing since the incident.

The report is unsure of the exact reason for the sudden explosion, but is leaning towards the possibility of environmental wear and tear destroying the insulation of the battery by dust and sand having accumulated:

"The sudden explosion of the power station in the north area could be explained by the safety accident induction mechanism of lithium batteries, which is the thermal failure of the batteries in the extreme conditions when they were significantly affected by internal and external sources. The safety of battery-based energy storage system is complicated because it involves batteries, battery management systems, cables, system electrical topology, early warning, monitoring and firefighting systems et al. Due to the limitation of accidental information, it is hard to determine the fire accident was initiated by the poor quality of the batteries or the overloading input to the batteries which exceeds the limitation of the batteries. Several possible reasons are proposed as follows".

The report then lists several probable causes if this fatal failure, and recommendations for how to build and respond safer when it comes to these types of batteries.

Here is the downloadable report from the incident, translated within the network of the HyResponder project, ofwhich CTIF are active members.

Download the PDF report with illustrations below:

Accident analysis of Beijing Jimei Dahongmen 25 MWh DC solar-storage-charging integrated station project

Contact us for free full report

Web: https://www.kary.com.pl/contact-us/
Email: energystorage2000@gmail.com
WhatsApp: 8613816583346