

**Bureau d'enquêtes et d'analyses sur les
risques industriels (BEA-RI)**MTECT / IGEDD / BEA-RI
Tour Séquoïa
92055 La Défense Cedex**For the attention of Mr. Laurent Olivé**
Deputy Director BEA-RI

Seoul, 7 October 2026

Subject: Actions taken by LG Chem Ltd further to the safety recommendations issued in the investigation report on the fire that occurred at the site operated by Akuo Corse Energy Solar in Aghione (2B) on Thursday, 6 April 2023

Dear Sir,

We write to you further to the communication of your investigation report dated 6 August 2026 on the fire that occurred on 6 April 2023 at the Olmo 1 photovoltaic farm operated by Akuo Corse Energy Solar in Aghione.

In your email dated 7 August 2026, you asked that LG Chem Ltd send you the actions that it intends to take further to the four safety recommendations issued by the BEA-RI in its report, which are intended to the manufacturer of the batteries.

You will find hereafter the explanations from LG Chem Ltd regarding the actions taken further to the BEA-RI's safety recommendations.

1. Recommendation no. 1: "Inform customers with the same type of module of their sensitivity to humidity and the risks associated with air-conditioning equipment"

Further to this safety recommendation issued by the BEA-RI, LG Chem Ltd intends to send a letter to its French customers to ensure the reliable and safe operation of their equipment. The letter will expressly refer to recent safety evaluations and recommendations from the BEA-RI.

The letter will inform the customers of the following risks:

- The accumulation of moisture, dust, and particulate matter inside ESS facilities accelerates the corrosion of internal components.
- Severe corrosion significantly degrades the dielectric strength of system components, leading to insulation breakdown.
- Insulation breakdown may cause short circuits between battery modules, between racks, or in other electrical equipment, which can ultimately trigger thermal runaway or fire incidents.

To mitigate these risks and maintain system integrity, the letter will strongly advise customers to immediately implement the following preventive measures:

- Maintain the ambient relative humidity (RH) inside the ESS room below 85% at all times using dedicated HVAC and dehumidification systems.

- Regularly inspect and clean the facility to prevent dust accumulation, water ingress, or condensation around the battery racks and PCS.
- Conduct periodic checks on insulation resistance and ensure sealings on doors and air vents remain intact to block external moisture and contaminants.

In addition, LG Chem Ltd's technical support team will remain available should customers require assistance in optimizing their sites' environmental controls.

LG Chem Ltd considers that the dispatch of this letter to its customers is an adequate and sufficient response to this first safety recommendation issued by the BEA-RI.

2. Recommendation no. 2: "Adapt the documentation and clearly mention the potential risks caused by the presence of humidity due in particular to air conditioning systems"

Further to this second safety recommendation issued by the BEA-RI, LG Chem Ltd has been updating its installation guide and its operation and maintenance (O&M) manual to clearly mention the risks caused by the presence of humidity.

The documents contain sections regarding the management of corrosion and the management of condensation (particularly with respect to air-conditioning systems), and are being further supplemented to state that the presence of moisture can cause degradation of electrical insulation performance.

LG Chem Ltd added a section 1.6 entitled "*Protect to enter condensate to electric installations*" in its installation guide, in which seven technical recommendations and prevention messages are issued to the customers regarding the air-conditioning and cooling systems used in their installation. LG Chem Ltd **notably** insists on the need to:

- Select a proper location for the condensate drain pipe and tray to ensure that condensate and condensation from the HVAC system do not enter the battery racks,
- Install a proper thermal insulation on the condensate drain pipe to prevent condensation,
- Enhance the sealing of the joints in the condensate drain pipe to prevent any leakage of condensate
- Install humidity sensors in areas where humidity is unstable due to the influx of outside air to ensure consistent humidity control in the battery room.

In its O&M manual, LG Chem Ltd added to section 5.3. entitled "*Weekly Inspection*" a section entitled "*Indoor Corrosion*" to ask its customers to check on a weekly basis the potential existence of corrosion and systematically replace parts that may be corroded.

LG Chem Ltd considers that these documentation amendments, together with the customer letter mentioned under Recommendation no. 1 above, are an adequate and sufficient response to this second safety recommendation issued by the BEA-RI.

3. Recommendation no. 3: "On the basis of statistical data and feedback from accidents such as the one in Aghione, examine the JH3 series modules to identify any internal manufacturing faults and recall them if necessary"

LG Chem Ltd acknowledges this third safety recommendation issued by the BEA-RI and confirms, notably on the basis of the statistical data and feedback from accidents at its disposal, that there is no need to recall the modules of the JH3 series.

LG Chem Ltd is committed to both a detailed investigation of any incident occurring at a customer's installation and a systematic monitoring of field batteries (which is under development).

As soon as LG Chem Ltd is informed of the existence of such an incident by one of its customers, it is recorded in the Crisis Management Internal System (CMIS) within 24 hours following this communication.

LG Chem Ltd then asks the customer to send all the relevant information as soon as possible (photos of the site in question, data relating to the batteries, etc.), which are then analysed with this customer to determine the origin and cause of the incident.

In this scope, LG Chem Ltd carefully analyses the recorded data, examines the history of previous incidents on the site in question, checks the manufacturing chain of the products at stake, and inspects the site if required by the previous steps.

On the basis of the results of these analyses, examinations, checks and inspections, LG Chem Ltd focuses its efforts on determining the most relevant and effective solution to restore the site as quickly as possible.

Lastly, with respect to the JH3 modules installed at its customers' sites in Europe, LG Chem Ltd will proceed with the recovery and analysis of the relevant field operating data, in order to identify any suspect batteries and, if necessary, proceed with their replacement.

LG Chem Ltd considers that the above measures and planned actions constitute an adequate and sufficient response to this third safety recommendation issued by the BEA-RI.

4. Recommendation no. 4: “Reinforce technical advice and prevention messages to customers on battery storage conditions, technical choices of air conditioning solutions and extinguishing systems implemented by the container assembler, in the light of the knowledge and experience acquired as a manufacturer”

Further to this fourth safety recommendation issued by the BEA-RI, LG Chem Ltd has been updating its installation guide and its operation and maintenance (O&M) manual, as described under Recommendation no. 2 above.

In its installation guide, LG Chem Ltd added a section with detailed technical recommendations regarding air-conditioning and cooling systems. It also amended the fire extinguishing system section to provide additional information on the choice of fire suppression systems used in its customers' installations (i.e., section 8 entitled “*Fire Extinguishing System*”).

In its O&M manual, LG Chem Ltd added a section related to the need of a weekly inspection of indoor corrosion.

The documentation updates described under Recommendation no. 2 above, together with the customer letter mentioned under Recommendation no. 1 above, further serve as the response to this fourth safety recommendation.

LG Chem Ltd considers that these amendments to its installation guide and O&M manual, together with the customer letter, are an adequate and sufficient response to this fourth safety recommendation issued by the BEA-RI.

* * *

LG Chem Ltd will like to ensure to the BEA-RI and to its customers that it has been, is and will continue to be deeply committed to ensuring the highest quality and security of its products and of the installations where they are being used and operated, hence LG Chem Ltd's complete transparency and collaboration with the BEA-RI on the investigations that followed the incident.

We thank you for your collaboration.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Jaesung Im', with a small dot at the end.

Jaesung Im

Department Leader, Global Customer & Market Quality Group

LG Energy Solution, Ltd.