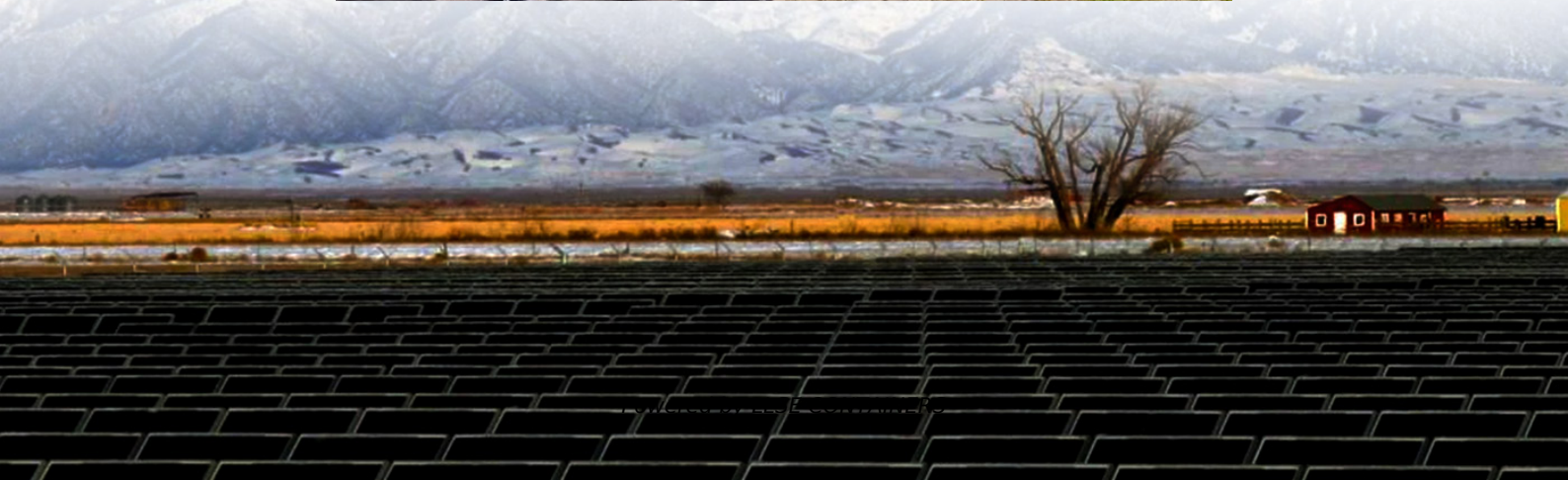
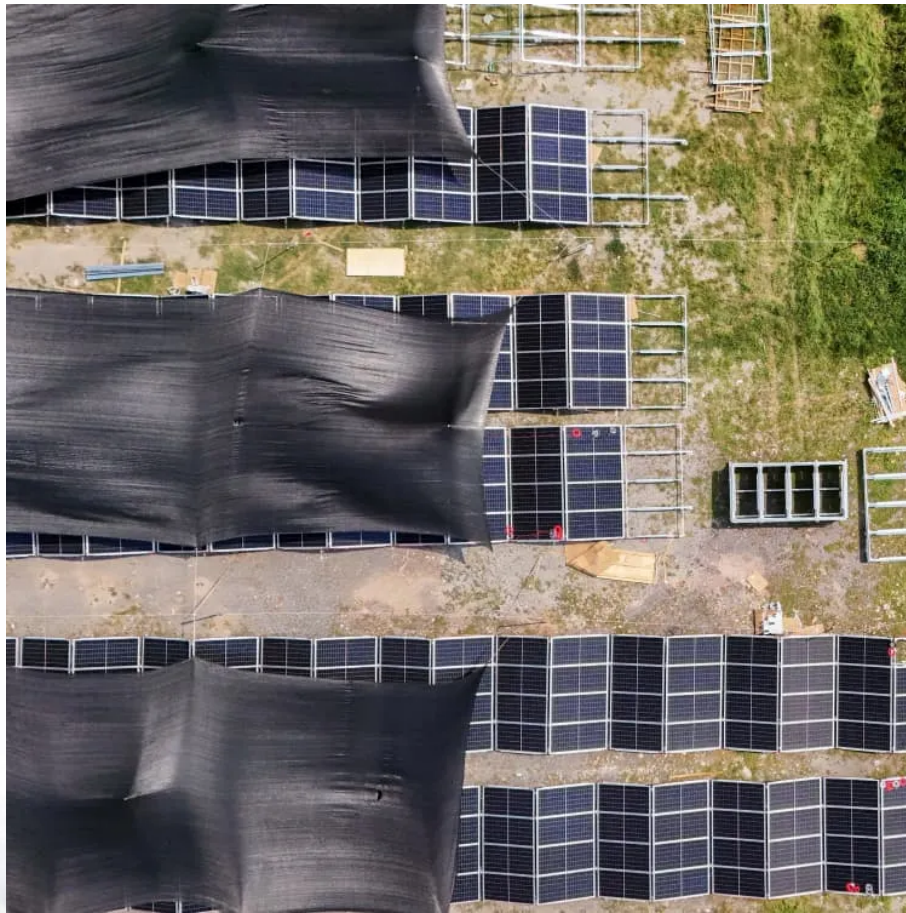


Automatic Taipei Photovoltaic Containerized Type for Fire Stations





Overview

Can a PV system be used near a fire?

The presence of a PV system near a fire may produce hazards such as heightened potential for falls, electrical shock, and collapse of roof structures. Due to these perceived hazards, there have been cases where firefighters limited their operations and the fire was allowed to expand.

What is a PV standard in Japan?

This standard is referenced by the Japan Photovoltaic Energy Association and disseminated to the PV industry in Japan. The standards include installation restrictions of PV systems on a roof, and specific labeling for PV signage to enable firefighters to recognize the presence of a PV system.

What if a fire starts in a PV system?

Under non-routine circumstances, if a fire starts in the area of a PV system, firefighting operations may need to be adapted to account for the PV system's presence and related potential hazards.

Are rooftop PV systems a fire hazard?

Such hazards for firefighters caused by a rooftop PV system include: electrical shock, slips and falls, electrical arcing roof collapse, and fire risks from the PV materials. To protect firefighters and mitigate hazards, research and analyses are available to provide information on how to deal with PV components during and after firefighting.



Automatic Taipei Photovoltaic Containerized Type for Fire Stations



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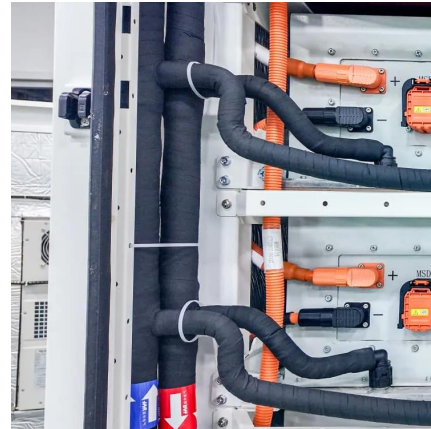
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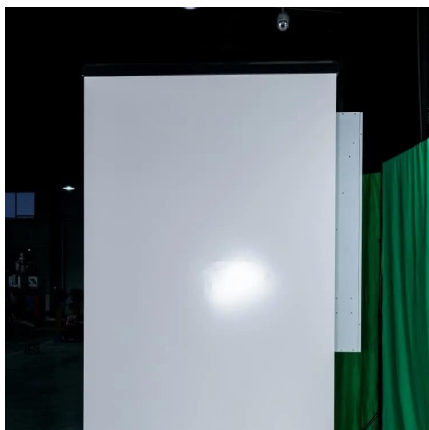


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