



Photovoltaic support installation accident





Overview

On 12 June 2023, a group of workers was deployed to install solar panels on the rooftop of a building. The employee collapsed on the roof and was pronounced dead due to electrocution. Keywords: Contact, Electrocuted, Energized, Functional. One tragic incident in Gurnee, Illinois, in February 2024, saw 28-year-old Braulio Lozano fall from a roof while installing solar panels, later dying from his injuries. During the installation, one of the workers noticed an exposed cable arcing and emitting smoke. 2 As solar-powered energy continues to grow across the country, an increasing number of installers will need to be hired and trained to keep up with that. As the use of solar energy continues to grow in California and nationally, an increasing number of workers are exposed to unique hazards than can cause injury or death.



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[Accident Report Detail , Occupational Safety and Health ...](#)

Abstract: At 5:00 p.m. on June 23, 2022, an employee was working on a roof-mounted solar panel system when he made contact with an energized electrical component.

[Preventing Worker Deaths in the Solar Industry](#)

OHB's FACE program has created a four-minute "digital story" to explain the tragic events that led to Petersen's fatal fall and what could have been done to prevent it. The video honors Petersen's ...



2MW / 5MWh
Customizable



[Fatal Work Accidents & Wrongful Death in Solar Industry](#)

The table below presents a statistical overview of accidents ...

[Worker electrocuted during solar panel installation](#)

On 12 June 2023, a group of workers was deployed to install solar panels on the rooftop of a building. During the installation, one of the workers noticed an exposed cable arcing and emitting smoke.



[Fatal Work Accidents & Wrongful Death in Solar Industry](#)

The table below presents a statistical overview of accidents pertaining to fatal work accidents and wrongful death in the solar industry, drawn from research data.

[Photovoltaic Combiner Box Accident Case Analysis: Lessons for Solar](#)

Understanding combiner box failures helps solar professionals prevent costly accidents and optimize system reliability. This analysis reveals critical safety insights through real-world case studies.



Solar PV Electrical Safety

In Case of Emergency Involving Solar Panels: Call 911 and notify first responders that PVs are involved. Turn off AC side of solar panels.

[Solar Energy Installation Safety Risks , The Hartford](#)



This includes the PV solar array, the inverter and other essential parts. When these parts are live with electricity generated by the sun, they can cause serious injuries from electric shock or ...



[Photovoltaic support foundation safety accident](#)

In this paper, we mainly consider the parametric analysis of the disturbance of the flexible photovoltaic (PV) support structure under two kinds of wind loads, namely, mean

[Addressing Common Hazards on Solar Installation Projects](#)

Struck-by hazards refer to an accident where a worker is hit and injured by an object, tool, or equipment. On residential installations, this can happen when tools or equipment fall from the ...



[Solar installation occupational risks: A systematic review](#)

Although PV installers are known to experience some of the most significant and widespread construction-related occupational safety risks, PV installer accident investigation ...



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