

PRODUCT CASE STUDY

UNITED STATES

Solar panel charging station for electric vehicles experienced a fire hazard, to which Firefighters were summoned.



1 Solar EV charging station fire

2 Water not effective - fire re-ignites



3 PVSTOP applied

4 Solar system de-energised and fire controlled

Firefighters attended and their first attempt to extinguish the fire was with water (safe distance and applied water pressure to ensure safe approach to an electrical fire).

They managed to extinguish the fire, but within a very short time period the fire re-ignited.

The Firefighters realised that they were not focused on the source of the ignition, which was the sunlight on the panels feeding the electrical fire, and they requested PVSTOP.

PVSTOP was applied successfully to the panels, covering them and de-energising the solar system.

At this point, the fire was manageable and safely extinguished.