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General Safety Notice For Rooftop Solar Systems, Safety Precautions: before, during and after flooding.


The following precautions apply to any roof mounted solar system that is at risk of flood.



 **What you should do before a flood.**

If your solar system is at risk of being subjected to a flood, this is what you should do:
 1) Turn off the solar system by following the "Shutdown procedure" marked on or near your solar inverter or meter box.
 2) If in doubt, follow this procedure:
 a) Turn off the inverter AC mains isolator (usually in the meter box).
 b) Turn off the PV array isolator (usually next to the inverter).
 c) If there is a risk that the water level will reach the cables and inverter, arrange to turn off the roof top array isolator also.

//WARNING//
 Even if the utility has turned off the mains supply, you solar panels will continue to produce lethal voltages during the daytime. If the solar system is not turned off by switching off the array isolators next to the inverter and on the rooftop, there may be some risk of electric shock and/ or electric arcing.
 For more information, contact your installer.

 **What you should do during a flood.**

If your solar system is under extreme flood (ie. The inverter and cables are in water) do not attempt to turn the system off because you may receive a lethal electric shock from the solar panels, even if the utility has turned of the mains power in the street.

 **What you should do after a flood.**

If your solar system has been affected by a flood, this is what you should do:
 1) **Do not attempt to operate any switches, residual moisture could cause the switches, inverter and wiring to be live and you could receive a lethal electric shock from the solar panels, even if the utility has turned of the mains power in the street.**
 2) Call your installer and request them you recommission the system or, if your installer is not available, ask a licensed electrician to check the system for you.
 3) In the case where the inverter has been submerged, or partly submerged in water, the inverter should be replaced.

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