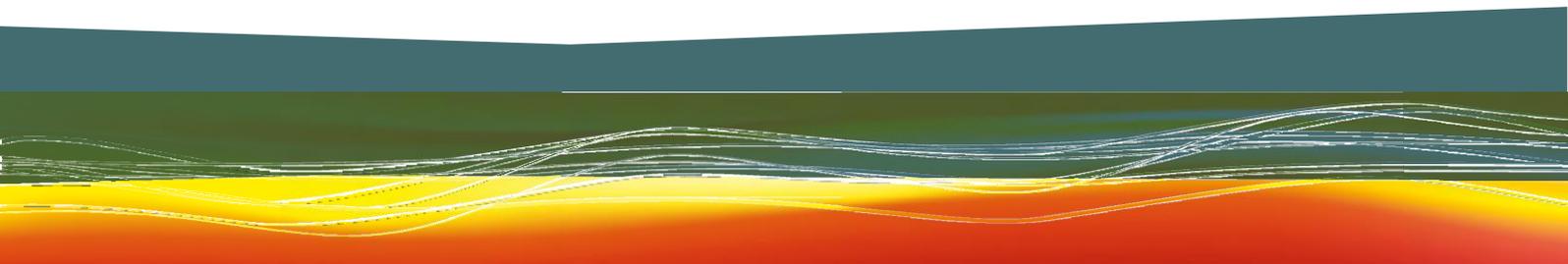


## OFF-GRID TechDay on December 06, 2023

On the day before the OFF-GRID Expo + Conference begins, some companies will be offering product training sessions. Participation in these is free of charge for conference participants and requires pre-registration.

### Program overview

	Room 2.10	Room 2.1
09:00 - 11:30 am	Victron Energy BV	Alliance for Rural Electrification
Break		
12:00 - 02:30 pm	ZYC Energy	Steca - a KATEK brand
Break		
03:00 - 05:30 pm		SelfChill - Modular Cooling Solutions



## Alliance for Rural Electrification



### Training content

Why join an off-grid renewable energy industry association?

The trust of its members and partners has made the Alliance for Rural Electrification (ARE) the number one international business association in the field of decentralised renewable energy (DRE) over the past 17 years. Attend the ARE membership services training session at the OFF-GRID Expo + Conference to learn more about ARE itself, its position and relevance in the DRE sector and how it can help off-grid companies with their business and market ambitions.

The Alliance for Rural Electrification aims to promote access to clean energy in Africa, APAC and Latin America and the Caribbean. ARE is building a sustainable decentralised renewable energy industry for the 21st century, activating markets for affordable energy services and creating local jobs and powering equitable green economies. With the strength and commitment of more than 200 members worldwide, ARE works to improve market conditions for off-grid renewable energy and promotes its members' business development through market intelligence, policy & advocacy support, capacity building, B2B and B2F events and targeted marketing approaches.

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1040 Brussels  
Belgium

<https://www.ruralelec.org>  
[d.mohapatra@ruralelec.org](mailto:d.mohapatra@ruralelec.org)

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## SelfChill – Modular Cooling Solutions



### Training content

SelfChill is a brand for modular and sustainable cooling solutions powered by solar. SelfChill's technology is developed by Solar Cooling Engineering GmbH and distributed by Phaesun GmbH in Germany.

During the training you will learn about all single components for cold and freezing rooms navigating through different options of thermal storage vs. electrical batteries.

After reviewing a typical design process, you will be able to configure your own system and get an overview of the assembly, installation and maintenance key facts.

Beyond the technology, you will be guided through exciting insights about optimal storage conditions for fruits and vegetables, best practices and promising user cases.

Solar Cooling Engineering GmbH  
Donaustr. 38  
87700 Memmingen  
Germany

<http://www.selfchill.org>  
[info@selfchill.org](mailto:info@selfchill.org)

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## Steca – A KATEK Brand

### Training content

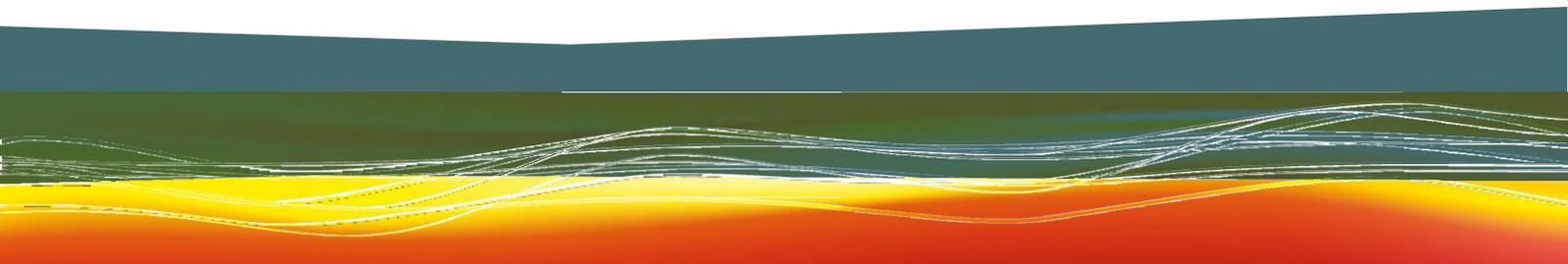
At the OFF-GRID Expo + Conference in Augsburg, Steca - A KATEK Brand presents an integrated solution for charging electric cars with PV power. Since the hybrid inverter StecaGrid SolBrid and the wallbox StecaGrid Charger are matched to each other, smooth communication between the devices is guaranteed. In addition, the interaction of the two components eliminates the need for an additional energy meter. The StecaGrid Charger receives information from the inverter about how much surplus PV power is available and adjusts its charging power accordingly. In this way, the PV power can be optimally used for charging.

In conjunction with the StecaGrid Switch, the SolBrid inverter can enable island operation of the house if required when the power grid is not available due to a blackout. All consumers in the house can be supplied with emergency power from the PV system or the battery.

Mammostr. 1  
87700 Memmingen  
Germany

<https://www.steca.com>  
[info.katek-mm@katek-group.com](mailto:info.katek-mm@katek-group.com)

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## Victron Energy BV

### Training content

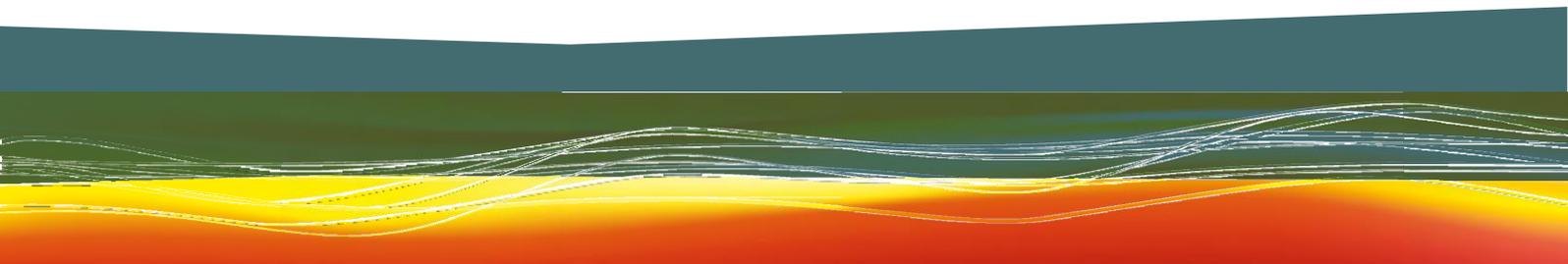
“News, easy system setup, monitoring & NODE-Red”

In this year’s TechDay session Bob Hopmann will go through Victron Energy news (components & software), explain system setup with VictronConnect, monitoring and I’ll explain what advantages NODE-Red can offer.

Victron Energy BV  
De Paal 35  
1351 JG-Almere-Haven  
Netherlands

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[bhopman@victronenergy.com](mailto:bhopman@victronenergy.com)

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ZYC Energy

### Training content

How to create your custom off grid system tailored to your unique needs?

At this year OFF-GRID Expo TechDay, ZYC Energy will present how to choose and setup a simple, reliable but customised off grid energy storage system.,With ZYC Energy best selling DIY 5000, you can have many advantages like 5-320kWh wide capacity range, free maintaiance, expadable, 10years @70% warranty and prewired cabinets. You can get all you want for off grid.

We will also go through the quick communication commissioning process with Victron, Studer and other main inverters. Join us and Get the TechDay offer!

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