

Fronius Solar.Web Portal – USER GUIDE

Introduction

Fronius' Solar.web is an all-in-one internet portal utilised for configuring, monitoring and analysing and visualising photovoltaic systems.

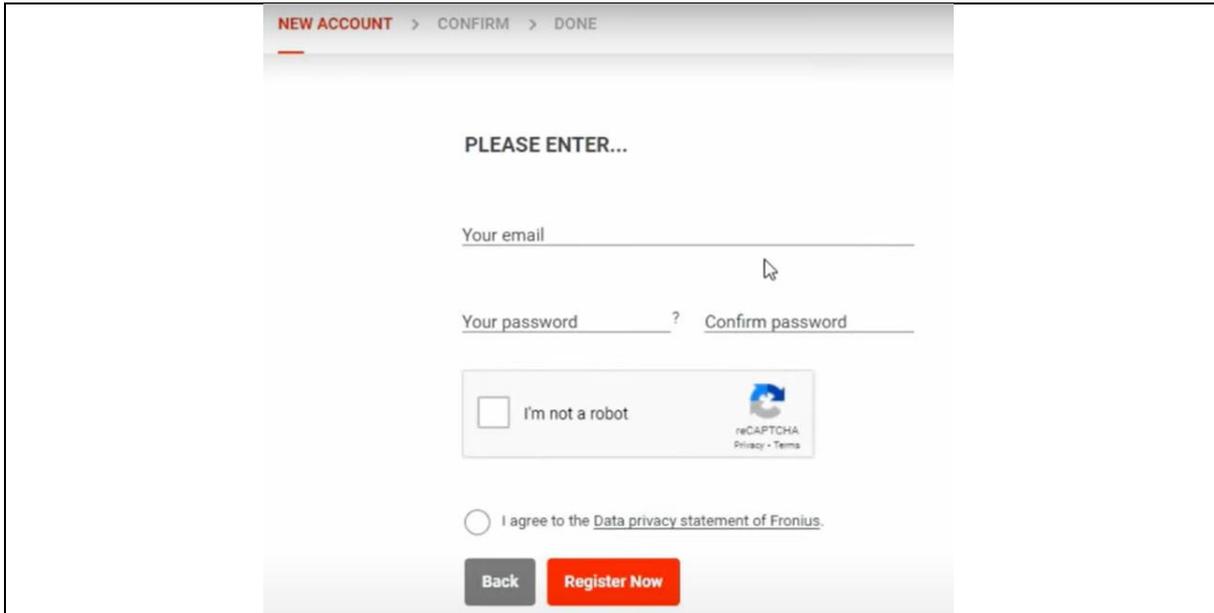
Through this, PV installations can be monitored, analysed and compared quickly and easily. Installations are rigorously kept up-to-date, where data can be accessed at any time in a clear and effective manner. In addition to being user-friendly, it provides a comprehensive range of analysis functions and tools, such as the Fronius Solar.configurator for system configuration, Fronius Solar.web android and apple apps for monitoring & visualising while on the move, and Fronius Solar.TV for public displays.

Using the Solar.Web Monitoring Platform

Getting Started

Once the installer has completed commissioning your system, please type www.solarweb.com and open up this webpage. From there you can register your account by clicking on **Login** at the top right hand of the screen, followed by clicking on **Register Now** (highlighted below)





On clicking this link, you will be walked through the entire process for registering your account (including receiving an email with an activation link to be clicked). On completing this, you will then be able to utilise your newly set up username and password to login. You then can then select **Business Customer** (highlighted below).

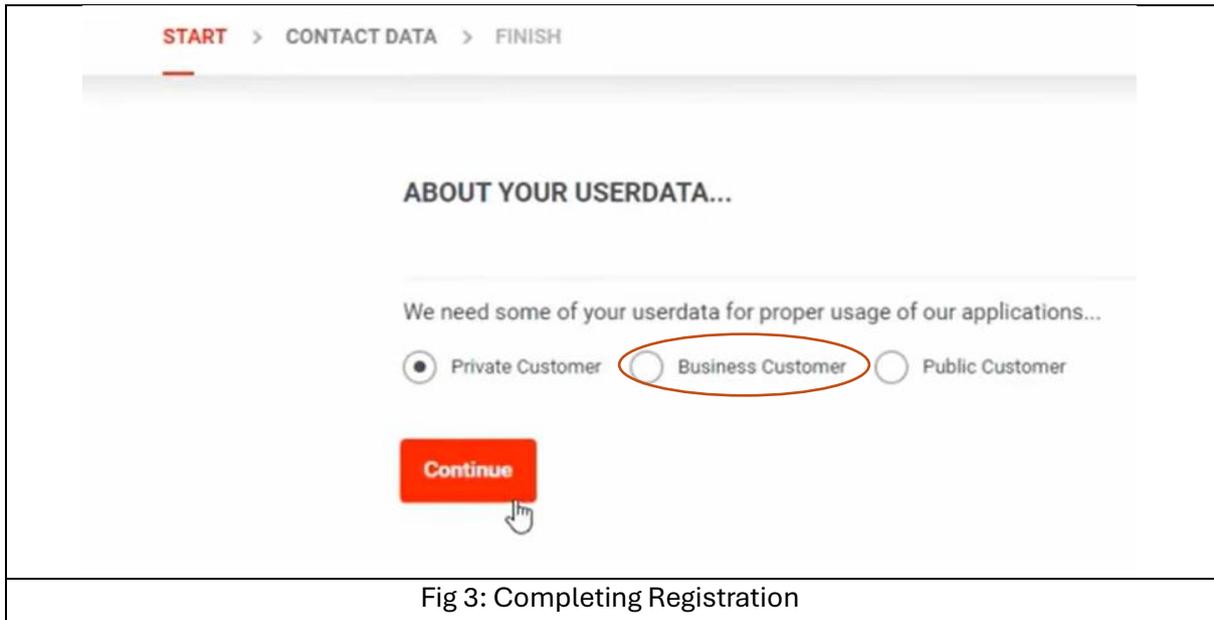


Fig 3: Completing Registration

On logging into your account, you are exposed to a panel that shows the following

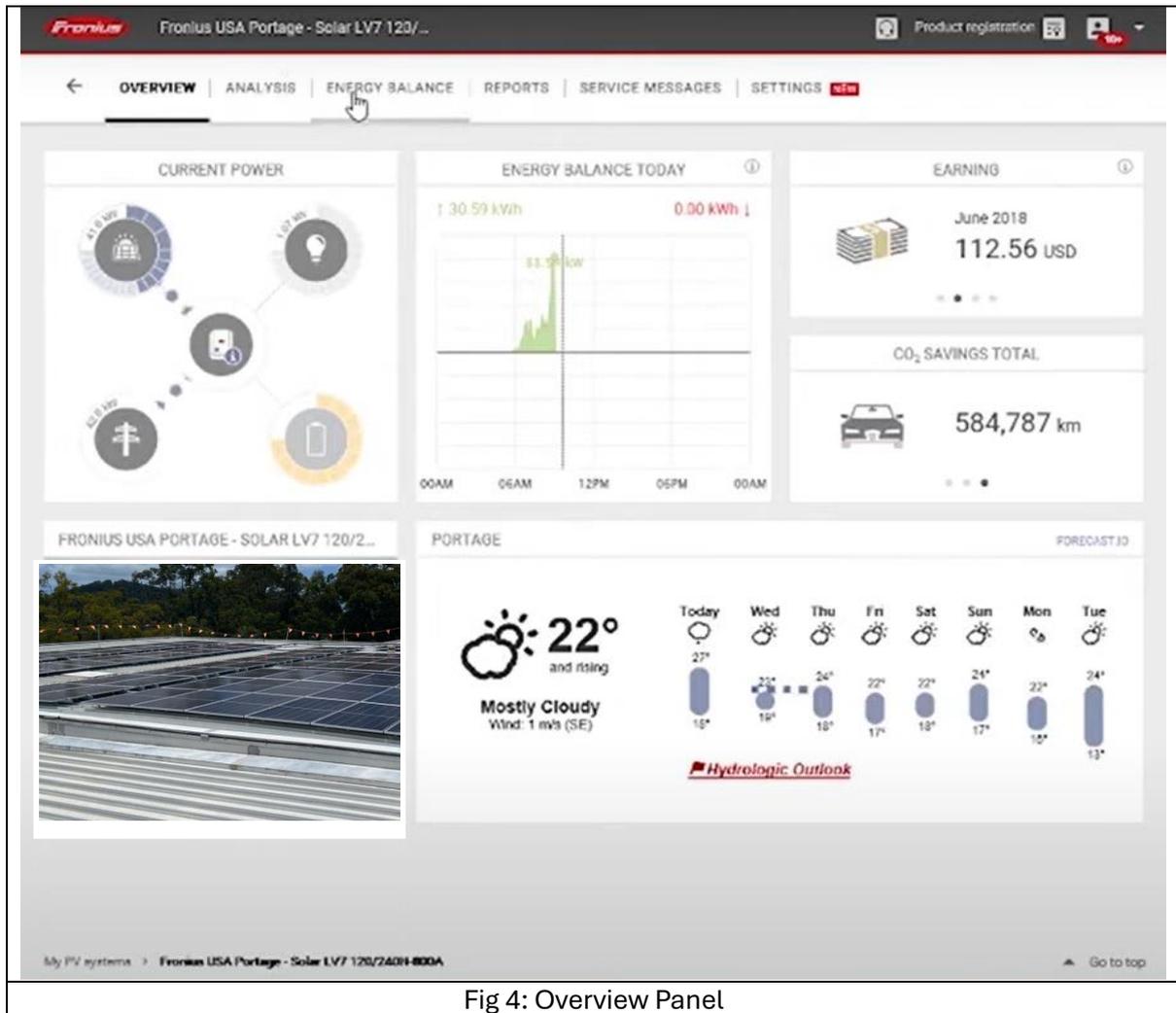


Fig 4: Overview Panel

At the top left corner (Current Power), you can click the following

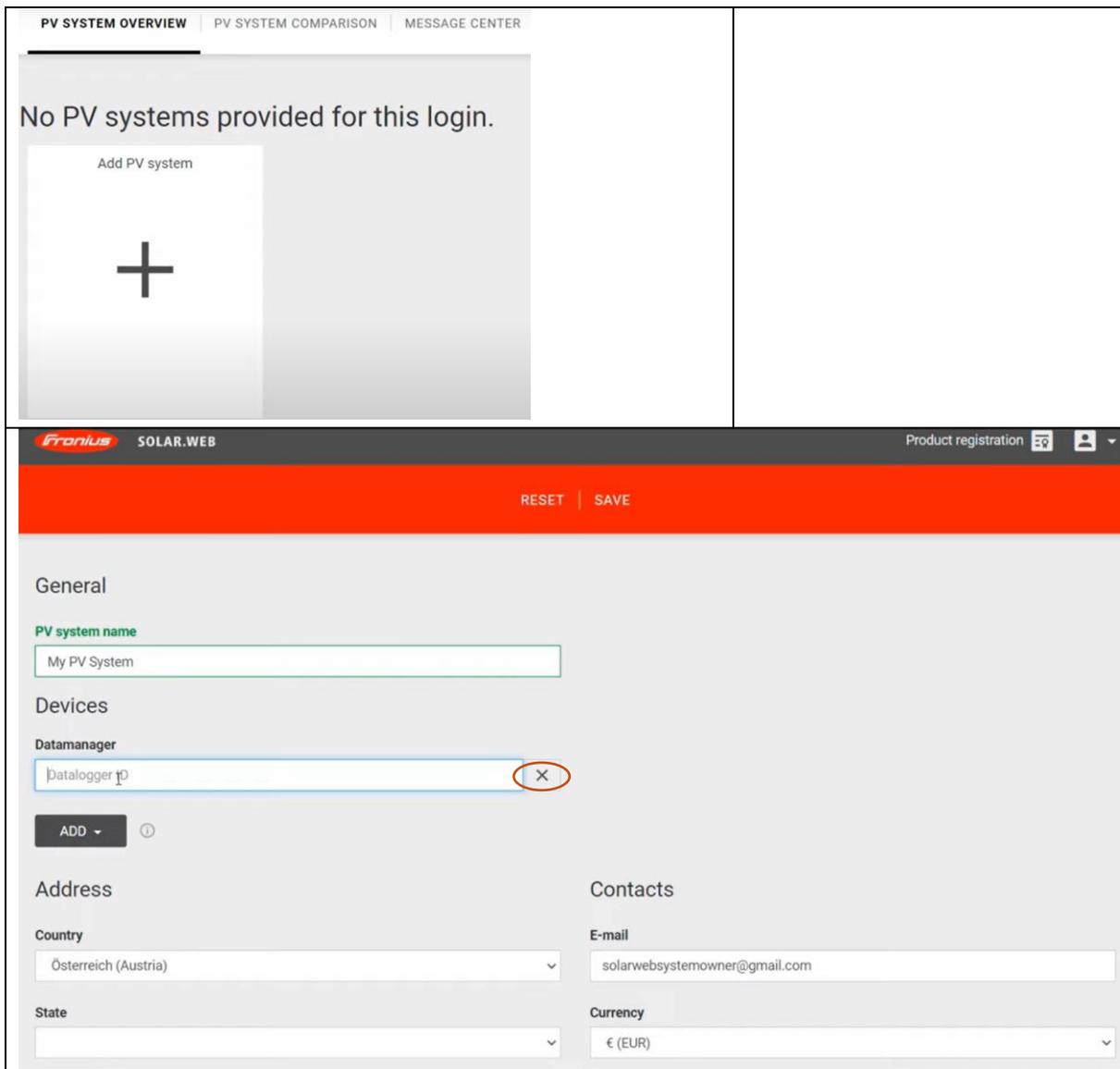
	<ul style="list-style-type: none"> - Clicking on the inverter icon (1), provides information regarding the inverter’s data sources. - Clicking on the solar array icon (2) will show the solar energy production for the array together with utilisation - Clicking on the power grid icon (3) which pinpoints supplied power being fed to the utility grid - Clicking on the light bulb icon (4) displays consumption supplied directly from the utility <p><i>(this system does not come with BESS, so the remaining battery icon can be ignored for this user guide)</i></p>
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<p>ENERGY BALANCE TODAY</p> <p>↑ 30.59 kWh 0.00 kWh ↓</p> <p>9:05 am Feed in: 0.00 kW</p> <p>00AM 06AM 12PM 06PM 00AM</p>	<ul style="list-style-type: none"> - This section provides a graphical representation of the system production for the current day. - Consumption based data on the graph will only be displayed if Fronius' smart meter is correctly installed. 																
<p>← PRODUCTION CONSUMPTION RETURN ON INVESTMENT EXPENSE</p> <p>98.15 kWh</p> <p>Energy from grid Consumed directly</p> <p>June 2018 DAY MONTH YEAR TOTAL</p>	<ul style="list-style-type: none"> - On double clicking Energy Balance Today at the bottom right hand corner are options displaying, in bar chart form, various timeframes. - These bars will show sections in red or grey, with red signifying energy being consumed directly from the grid vis-à-vis self-consumption (energy consumed directly from the solar array) - Total signifies all data going back to the first time system was energised 																
<p>EARNING</p> <p>June 2018 112.56 USD</p> <p>CO₂ SAVINGS TOTAL</p> <p>2,249</p>	<p>The remaining 3 panels on the home page are non-interactive, referring to</p> <ul style="list-style-type: none"> - Earnings and CO2 savings (current day and total) 																
<p>PORTAGE FORECAST 10</p> <p>22° and rising Mostly Cloudy Wind: 1 m/s (SE)</p> <table border="1"> <thead> <tr> <th>Today</th> <th>Wed</th> <th>Thu</th> <th>Fri</th> <th>Sat</th> <th>Sun</th> <th>Mon</th> <th>Tue</th> </tr> </thead> <tbody> <tr> <td>27° 15°</td> <td>22° 19°</td> <td>24° 18°</td> <td>22° 17°</td> <td>22° 18°</td> <td>24° 17°</td> <td>22° 16°</td> <td>24° 13°</td> </tr> </tbody> </table> <p>Hydrologic Outlook</p>	Today	Wed	Thu	Fri	Sat	Sun	Mon	Tue	27° 15°	22° 19°	24° 18°	22° 17°	22° 18°	24° 17°	22° 16°	24° 13°	<ul style="list-style-type: none"> - Portage, pertaining to weather forecast over the next 8 days
Today	Wed	Thu	Fri	Sat	Sun	Mon	Tue										
27° 15°	22° 19°	24° 18°	22° 17°	22° 18°	24° 17°	22° 16°	24° 13°										

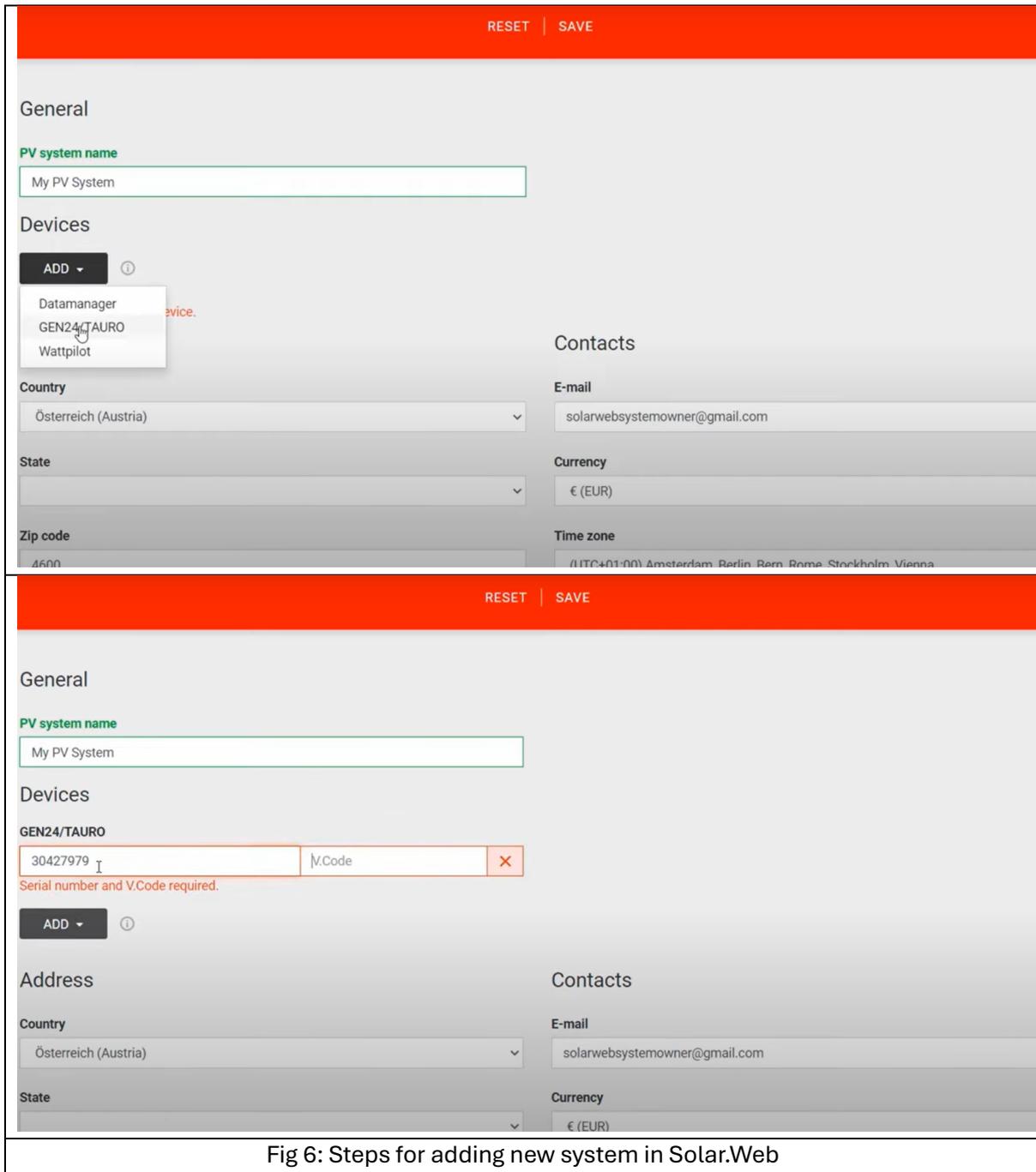
	<ul style="list-style-type: none"> - Photo of the array itself
<p>Fig 5: Descriptions of sections of Overview panel</p>	

Add a PV System in Solar.web

This new system normally will be added automatically to Solarweb while commissioning the inverter. However, if this does not occur, on logging into your account, under **PV System Overview**, there should be a big icon with a + sign, for **Add PV System** (image below).



The screenshot shows the 'PV SYSTEM OVERVIEW' section of the Solar.web interface. At the top, there are navigation tabs for 'PV SYSTEM OVERVIEW', 'PV SYSTEM COMPARISON', and 'MESSAGE CENTER'. The main content area displays a message: 'No PV systems provided for this login.' Below this message is a large white button with a plus sign and the text 'Add PV system'. Below the button is a form for adding a new PV system. The form has several sections: 'General' with a 'PV system name' field containing 'My PV System'; 'Devices' with a 'Datamanager' field containing 'Datalogger ID' and a small 'x' icon circled in red; 'Address' with 'Country' (Österreich (Austria)) and 'State' dropdowns; and 'Contacts' with an 'E-mail' field containing 'solarwebsystemowner@gmail.com' and a 'Currency' dropdown set to '€ (EUR)'. At the top of the form, there are 'RESET' and 'SAVE' buttons. The bottom of the page shows the 'Fronius SOLAR.WEB' logo and 'Product registration' information.



RESET | SAVE

General

PV system name

My PV System

Devices

ADD ▾ ⓘ

- Datamanager
- GEN24/TAURO
- Wattpilot

Country

Österreich (Austria) ▾

E-mail

solarwebsystemowner@gmail.com

State

▾

Currency

€ (EUR)

Zip code

4600

Time zone

(UTC+01:00) Amsterdam, Berlin, Bonn, Rome, Stockholm, Vienna

RESET | SAVE

General

PV system name

My PV System

Devices

GEN24/TAURO

30427979 | V/Code

Serial number and V.Code required.

ADD ▾ ⓘ

Address

Country

Österreich (Austria) ▾

E-mail

solarwebsystemowner@gmail.com

State

▾

Currency

€ (EUR)

Fig 6: Steps for adding new system in Solar.Web

After writing the system name, cancel the **Datamanager** tab, click on **ADD**, then select GEN24/TAURO. You can then input its serial number and V/Code (found on the outside of the device). If this fails to save, then that means that our installer already registered the device. Please carry out the following steps.

Please get in touch with DS Energy on the following number

(07) 3051 2051

Who will arrange for a customer support engineer to investigate and attempt to link the new system to your account. If this is not possible, then

- (a. DS Energy will aid you in filling out the fault information, instruct on how you can upload a fault picture, and ultimately coordinate a site assessment.

Deleting account in Solar.web

If for any reason, the account linked with this system is to be deleted, the following steps are to be carried out. Open the **Settings** tab (highlighted below) and select **delete account**.

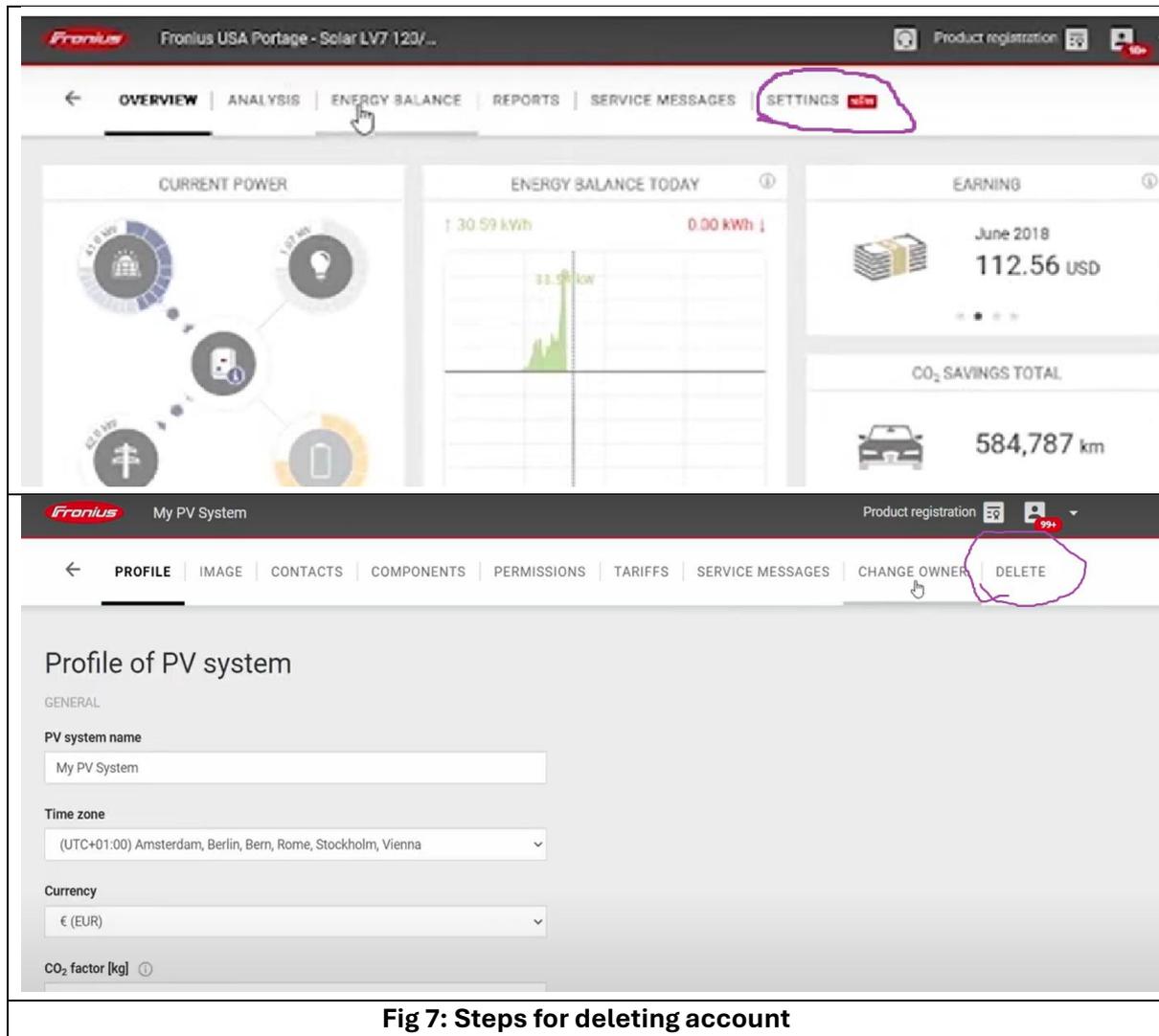


Fig 7: Steps for deleting account

However, it is strongly recommended not to execute this action, because it will lead to all generation and consumption data (current and historical) being deleted. Only in the instance of purchasing a Fronius Warranty or upgrading to Fronius Solar.web Premium, will this data (and your other entered personal details, as part of legal requirement) be recoverable directly from Fronius.

Assigning Permissions in Solar.web

If you would like to provide permanent or temporary rights to another party to access your system monitoring, open the **Settings** tab then click on **Permissions**. Within this panel you then

click on Add, then you input the email address of the person you want to permit, in addition to selecting what kind of rights you would like to grant them (highlighted below).

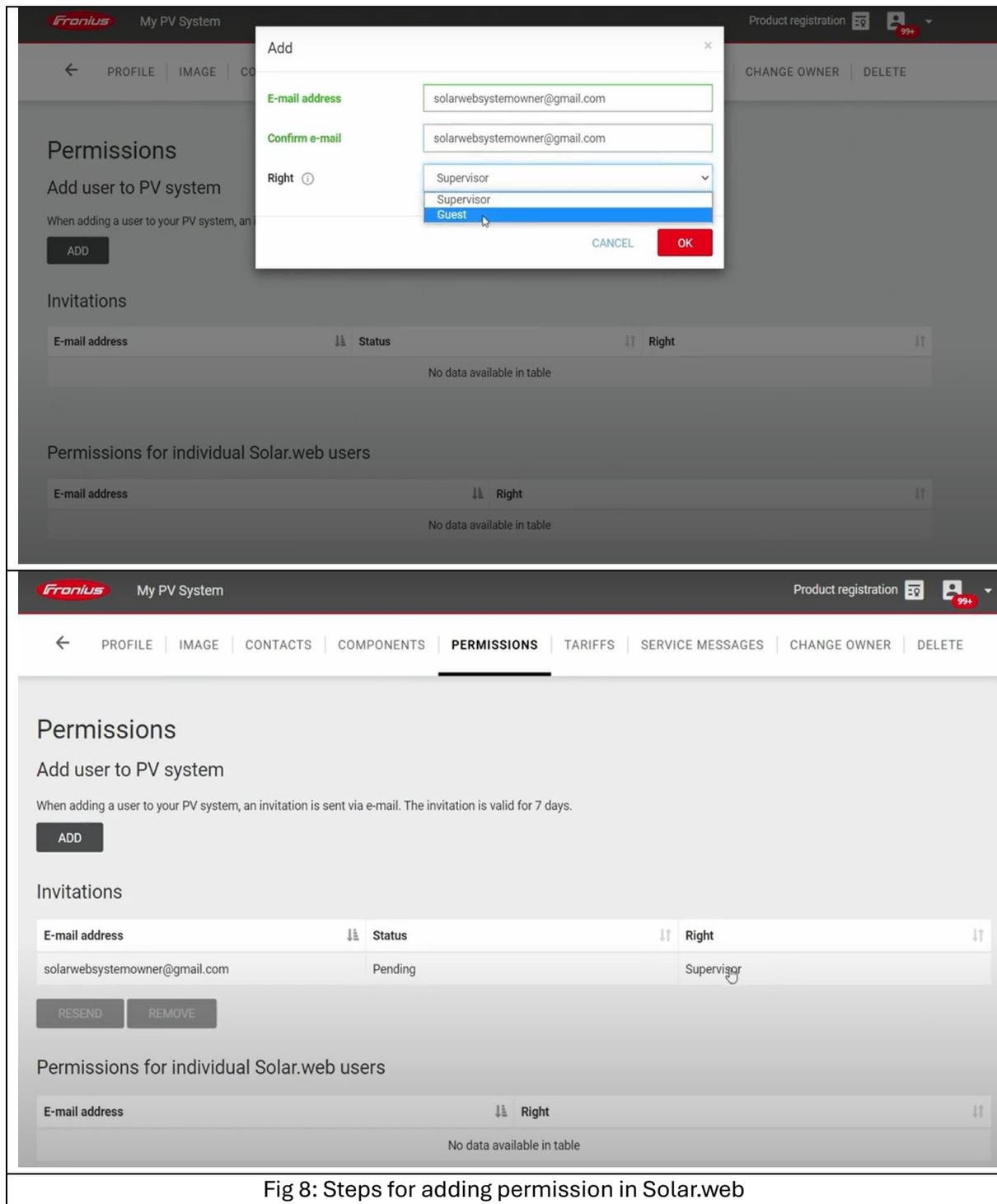


Fig 8: Steps for adding permission in Solar.web

With **Guest** rights, the person will only be able to observe system performance details displayed on the main user panel, without the ability to click on or edit anything, whereas **Supervisor** grants the added individual the same privileges as the system owner.

Once you have completed these steps, these details will populate the **Invitations** section and include a **Pending** status, which will only change once the new user has clicked on the

activation link emailed to them, followed by the owner clicking on the link sent to their email, clicking on it, and accepting the Pending Invitation (image below)

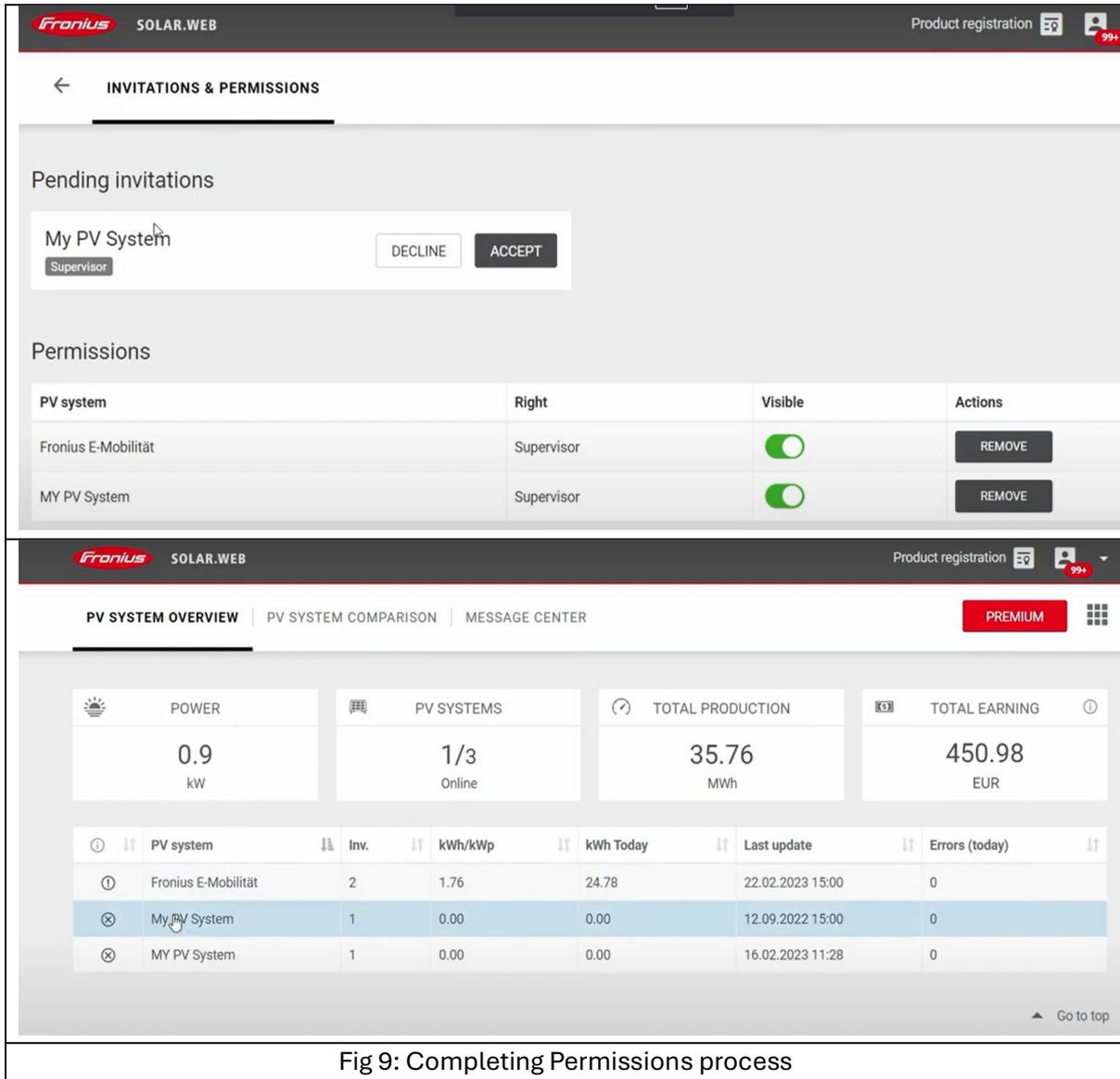


Fig 9: Completing Permissions process

Once you have clicked accept on the **Pending Invitation**, you can then open **PV System Overview**, and directly see in the list, the details of the new system/user added.

It is strongly recommended not to enter the **Meter** section – if any information needs to be changed relating to this, it is advisable to get in touch with us at DS Energy, at the following

Email: solartech@dsenergy.com.au

Phone: 07 3051 2061