

What's new in Easy PV

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New in April 2025

Updated performance & consumption tasks

We're rolling out new features and improved user interfaces across the Performance and Consumption tasks in Easy PV. These updates will help you generate system performance and consumption projections more accurately than ever.

We've summarised the key changes below, but we also recommend reading the full user guides to understand how to use the new versions of these tasks and the new features we've added: [Performance task user guide](#) and [Consumption task user guide](#).

Improved user interfaces

We've been working on improvements to many of the user interfaces in Easy PV to make them more intuitive and efficient. These UI upgrades are designed to make it quicker and easier to complete tasks and take full advantage of the new and existing features.

Automatic panel stringing

We've introduced automatic panel stringing, which recommends a suitable way to string panels based on the roofs and inverter inputs in your design. This new feature is a real time-saver—especially for larger systems—by helping you set up strings quickly and efficiently. You can manage preferences on your account to set how you want automatic panel stringing to apply. See below for more information.

Performance ⓘ

✓ Location

✓ Roofs

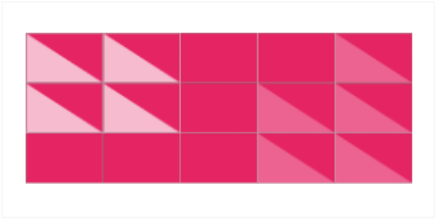
✓ Panel allocation

✓ Self consumption

Panel Allocation ⓘ

We have auto-selected the allocation of panels to inverter inputs.

Roof 1




Fox ESS KH 10kW 1ph Hybrid

Input 1

Input 2

Input 3

Roof 2



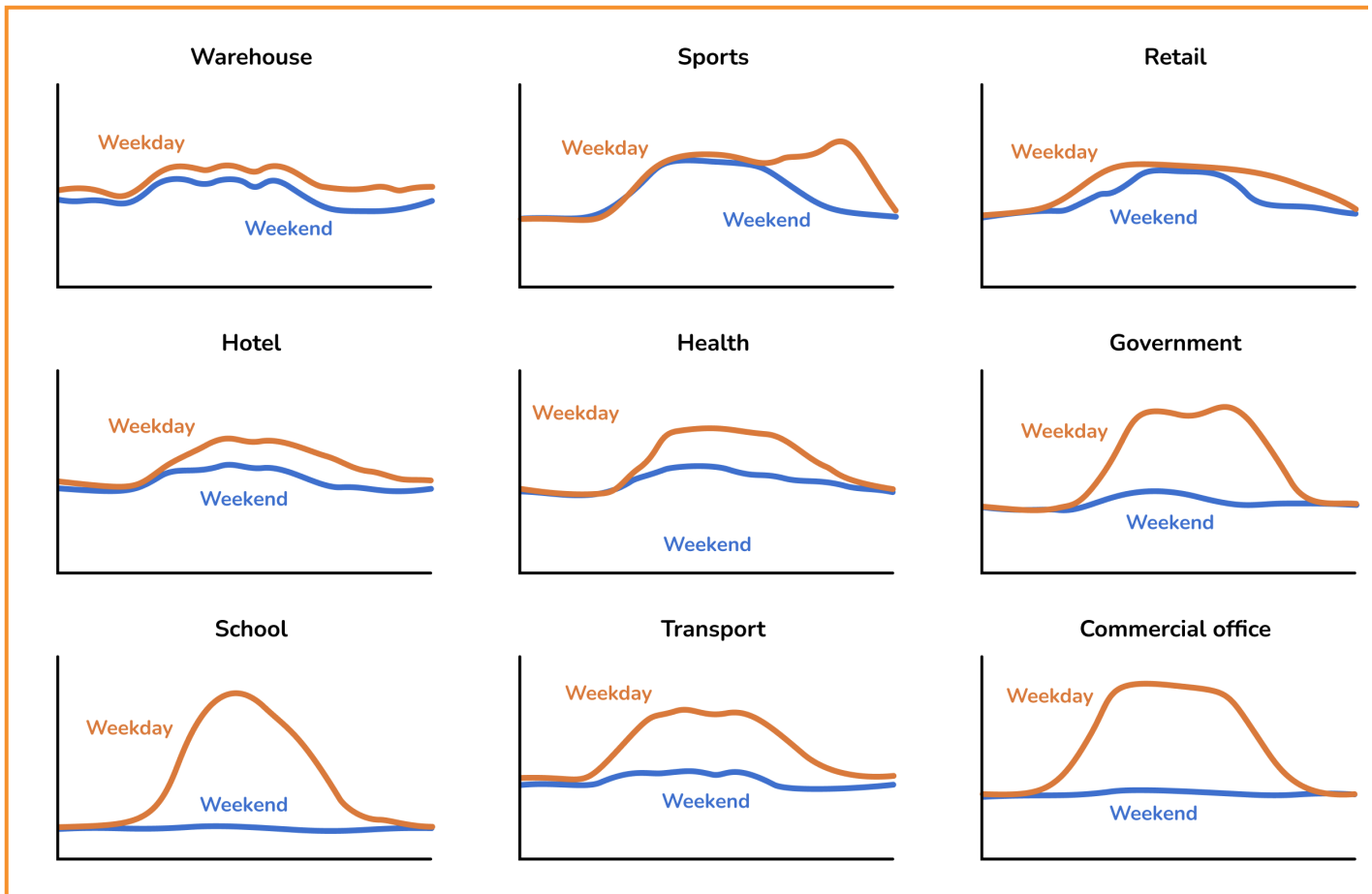
Fox ESS KH 10kW 1ph Hybrid

Input 4

New domestic and commercial consumption profiles

You can now choose from a variety of domestic and commercial consumption profiles to build an accurate picture of energy usage throughout the year. A consumption profile calculates when energy is consumed—both annually and on a daily basis. For example, in a domestic home, most energy is typically used in the early morning and evenings. In contrast, an office profile reflects higher energy use during typical working hours, from around 09:00 to 17:00.

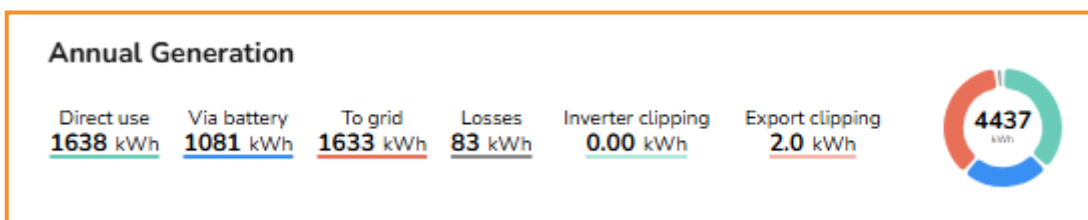
The following commercial profiles are available



Configure export limits and visualise export and inverter clipping

We've added support for setting export limits where required by the DNO. This ensures your system design complies with local network requirements and accurately reflects any restrictions on energy export and the potential financial benefits of the system.

You can toggle on clipping in the consumption task to show relevant information in the charts. This makes it easier to visualise when and how much potential generation is being limited by the inverter or by export limits, helping you make more informed design choices and assess whether an inverter is appropriately sized for the system.



Configure Performance task preferences

You can now set preferences on your account for how you want the Performance task to work.

Mode: Choose between **MCS** and **NREL** methods to calculate the total annual generation

Panel allocation: Set whether you want Easy PV to:

- **automatically allocate panels** - this will entirely skip this step in the performance task if panels can be allocated automatically (you can return to this if you later want to change the allocation).
- **Suggest allocation** - this will display the suggested allocation which you can accept or edit.
- **Manual allocate panels** - this will ignore suggested panel allocation and you will need to allocate panels manually.

MCS Self Consumption: Choose whether you want to:

- **use default values for MCS self consumption** - this will let you set default values which will be used by default for each of the inputs required for the MCS consumption calculations.
- **manually enter MCS self consumption** - if you select this option you will need to set the inputs required for the MCS calculations on every project.

Sunpaths: Choose whether you want Easy PV to automatically calculate shading based on the terrain and 3D buildings or whether you want this to be excluded so you can set the shading manually.

Performance Settings

These will be used as the settings for the performance task.

Mode

MCS



Panel Allocation

Suggest Allocation



MCS Self Consumption

Manually enter MCS self...



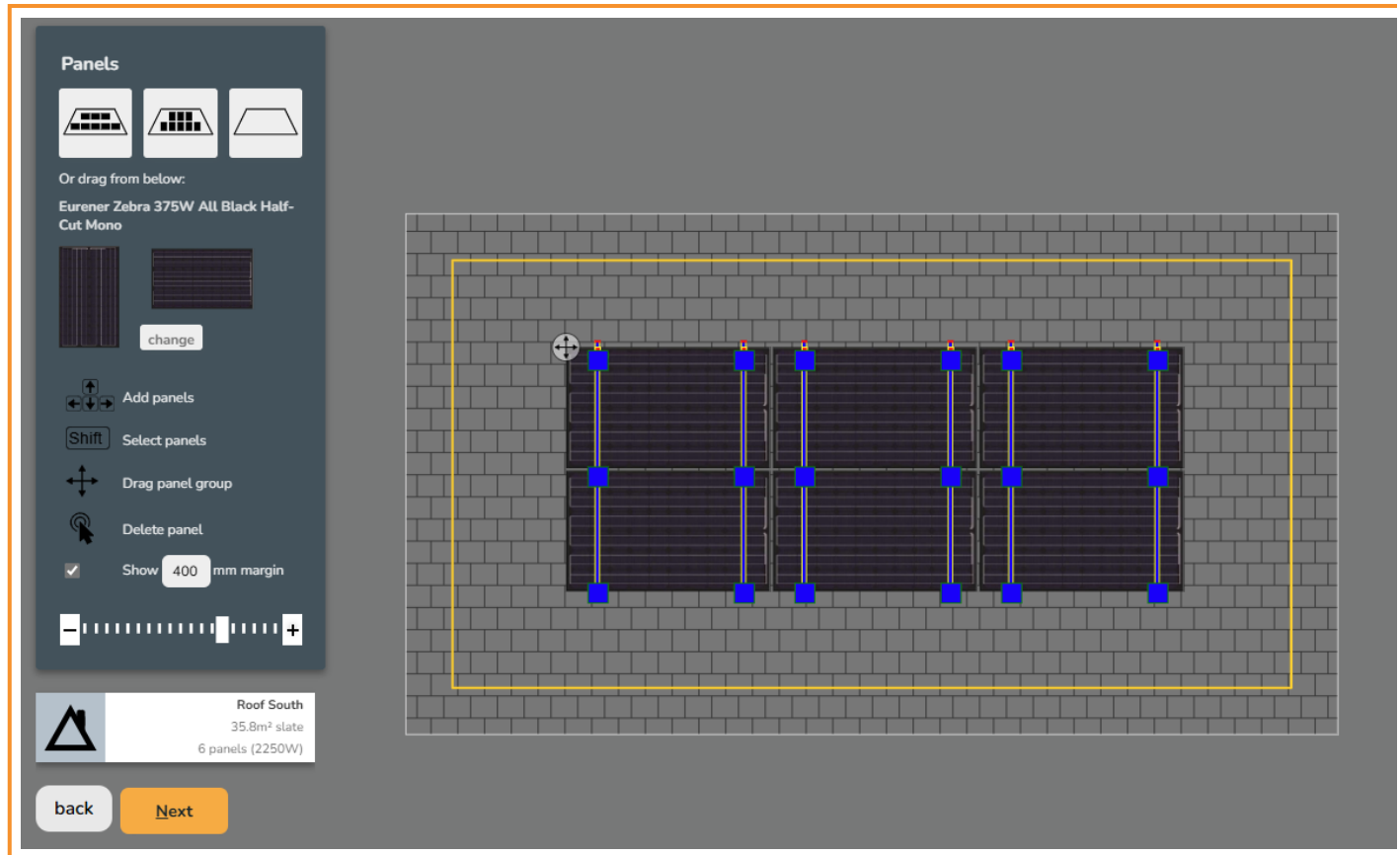
Sunpaths

Automatically calculate shadin...



Set default roof margins

You can now set a default roof margin to apply to all your projects. This is a margin around the edges of a roof that panel arrays should not overlap. It is shown as a yellow line on the roofs in the Easy PV Panels Task. If you use the auto-fill functionality to add panels automatically to the roof, it will ensure no panels cover the roof margin.



For standard (free) Easy PV accounts

Navigate to your **account preferences** then select the **design** tab. Enter the roof margin in millimetres (mm) that you want to be applied by default to your new projects. You can override this on a per-project basis via the panels task.

User Preferences

[General](#)[Connect To Midsummer](#)[Financial](#)[Design](#)[Performance](#)

Design Settings

These will be used as the base settings when creating a new project. They can be overridden on a per-project basis.

Design defaults

Roof margin

mm

Enter the default roof margin in mm that you want to be applied to all roofs. Easy PV can auto-fill roofs with panels and will ensure panels avoid the margins you set, and any other obstructions added to the roof.

For PRO Easy PV accounts

Navigate to your **PRO account settings** and select the **design** tab. Enter the roof margin in millimetres (mm) that you want to be applied by default to new projects for all your users. This will override any defaults the users have set on their own account preferences, but they will be able to override the default margin on a per-project basis via the panels task.

Team Preferences

[General](#)[Financial](#)[Documents](#)[Customer Proposal](#)[Email](#)[Design](#)[CRM Connections](#)[Speedy PV *Beta*](#)

Design Settings

These will be used as the base settings when creating a new project. They can be overridden on a per-project basis.

Design defaults

Roof margin

mm

Enter the default roof margin in mm that you want to be applied to all roofs. Easy PV can auto-fill roofs with panels and will ensure panels avoid the margins you set, and any other obstructions added to the roof.

New in February 2025

- **Birds eye view overview images:** you now have the option to include birds eye view of panels on roof as overview image on the proposal when designing in 3D mode.
- **Capturing contact information in Speedy PV:** you can now configure your Speedy PV so contact details are required before the estimate is shown.

New in January 2025

- Multiple battery storage systems factored into calculations on Easy PV consumption task.
- Updated functionality to change currency in Easy PV.

New in December 2024

- Inclusion of G100A and G100C forms in Easy PV
- Easy PV Pro: introduced compatibility with OAuth 2.0 authentication for emailing, in addition to SMTP options, for compatibility with Office 365.

New in November 2024

- Updates to tariffs. Details on these changes can be found [here](#).
 - Settings in financial task, consumption task and user defaults are now consistent.
 - User default tariffs will be applied for MCS and Easy PV self-consumption calculations in the financial task.
- Updates to 3D studio roof menu to adjust roof covering, eaves depth and ridge and hip symmetry.
- Squares added to schematic task.
- Polygonal roof obstructions can be added in quick roof design mode.
- CSV settings in financial task modal moved to new modal when downloading CSV. Old option to edit quote view can be accessed before generating customer proposal to adjust both the customer proposal and Easy PV project report.

New in October 2024

Various small updates and enhancements have been rolled to the live site. This includes:

- New refresh options in the financial task so you can reset the goods and services costs separately.

New in September 2024

Lots of exciting new features have been rolled out this month.

New financial task and automatic pricing

We've completely overhauled the financial task to make it quicker than ever to create accurate quotes and projections for your projects. This is quite a big change so take a look at our detailed guide to [learn how to use the financial task](#).

Here's a summary of the important changes:

- You can now manage **default financial settings** you want to use for all your projects via your account preferences or Pro team preferences. [Learn more](#).
- You can also **configure pricing rules** so Easy PV can automatically generate quotes for you based on your project design. [Learn more](#).
- The financial task will **automatically generate the quotation and projections** based on the defaults and pricing rules you've configured. You can override your defaults on a per-project basis via the settings popup on the financial task.
- You can also add **grants and discounts** to the quotation and include **loans, running costs and other custom savings** in the projections.
- The projections can now be based on **variable-rate tariffs** when using the Easy PV consumption task to calculate self consumption.

New MAGIC design mode

We're excited to be releasing a beta version of our new Magic design mode. Using 3D data and high resolution imagery, we **automatically work out the form of buildings create 3D models for you, as well as identifying obstructions**.

Magic mode is an experimental feature, and we won't detect every building shape perfectly. Please expect to have to do some tweaking of roof shapes or obstructions on more complex roofs. It works better in urban areas where more detailed aerial imagery is available.

We're working hard on magic mode, and we expect to regularly release improvements over the coming months. While this service is in the beta phase we are offering access for free to both free and pro users. Free users are restricted to three designs per day. We reserve the right to start charging for the service in future.

Customise customer proposal with your branding

We're delighted to be releasing one of our most requested features. Pro users can now apply their branding to the customer proposal document and apply additional customisations. To configure your customer proposal, navigate to the 'Proposal' tab in your Pro account settings.

- Add a **custom cover page**
- **Customise colours** to match your brand
- Add an '**About us**' section to the contents page
- Configure a **branded page footer** to appear on all pages of the proposal document with your logo and company information
- Add your **terms and conditions**
- Add other important information about your services and the scope of work. This can be overwritten on a project-by-project basis.

New in August 2024

Numerous small updates and enhancements have been rolled to the live site. This includes:

- Retirement of an older version of the PV Array Test Report which has been replaced with a new PV Array Test Report that is up-to-date with MCS documentation
- The addition of a new GSE frame allowing for GSE projects with even more panel sizes
- Updates to structural task
 - Allowing for structural calculations if the roof is less than 5 m tall or is not an integer
 - Adding in of MCS certificate for a roof hook

New in July 2024

Lots of small updates and enhancements have been released. This includes:

- Updates to 3D design mode
 - Improved controls for land boundaries in the 3D design studio
 - Improvements to snapping guides
 - Ability to set the ridge to gutter distance via the elevations view
- Support for displaying a 3D design preview in the customer proposal document - you can manage this via the Customer Proposal task.
- Updates to data used for structural calculations based on BRE Digest 489 (2014 revised)
- Updates to quick roof design mode
 - Ability to clone a roof
 - Improvements to snapping guides

New in June 2024

We've rolled out lots of new features in time to show them off at the Installer Show at the Birmingham NEC.

For **standard Easy PV** users

- **New consumption task** - this has had a full overhaul and is more flexible and accurate than ever.
 - There are now three options to use for consumption calculations
 - Upload half-hourly customer consumption data as a CSV
 - Input user's annual energy consumption
 - Or estimate based on example property types
 - The calculations can now be based on specific energy tariffs for greater accuracy
 - Add custom electricity import tariffs, including split rate tariffs where different rates apply to daytime and night-time.
 - Add custom export tariffs
- **Configure financial defaults via your account preferences**
 - You can configure the defaults you want all projects to use
 - Pre-set the inflation, financial discount and degradation rates and forecast length (i.e. 25 years)
 - Pre-set the default electricity import and export rates for MCS calculations
 - Choose default consumption method for forecasting (MCS-based, Easy PV Consumption Task, or percentage-based)
- **Support for Solshare** for shared solar projects on blocks of flats.
 - Add to any projects with three phase inverters
 - Simply choose the number of connections you want and Easy PV will specify all the kit you need
 - Order quickly with Midsummer Wholesale directly from the project
- Various bug fixes and improvements

And for **Pro** users

- **DNO applications via the ENA Connect Direct system**
 - Allows you to submit a pre-installation application very quickly with no need for manually completing and emailing forms to the DNO
 - DNOs approve or reject application within minutes
 - See the status of DNO applications directly from Easy PV
- **Set financial defaults for all users in your team**
 - You can configure the defaults you want all projects to use for all your users.
 - Pre-set the inflation, financial discount and degradation rates and forecast length (i.e. 25 years)
 - Set default electricity import and export rates for MCS calculations

- Choose default consumption method for forecasting (MCS-based, Easy PV Consumption Task, or percentage-based)
- **Email sending from your email domain within Easy PV**
 - You can now configure Easy PV emails to be sent from a generic email address you own, rather than from a noreply@easy-pv.co.uk email.
 - Via your Pro account settings you can input the SMTP details for the email address you want to use
 - All emails sent from Easy PV by any of your users will be sent to your customers from the email address you have configured