



# Energy Local

## Power your home with local energy

### What is Cyd Ynni – Ynni Lleol?

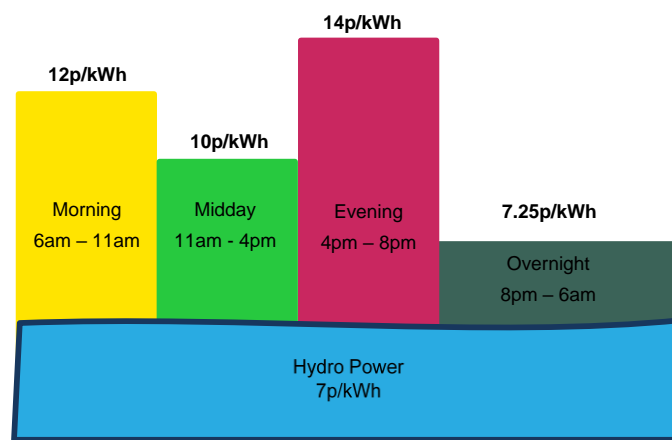
Cyd Ynni - Ynni Lleol is a community project that, by helping you match your electricity use with power from a local hydro plant, will enable you to take control of your electricity bills while supporting local renewable energy.

### How does it work?

When you sign up to Cyd Ynni – Ynni Lleol you become part of an Energy Club. The club is made up of members of your community, plus a local hydro plant. As a member, you'll have a free smart meter fitted in your home that will measure when you're using electricity as well as how much - helping you buy power in a better way.

If members of the club use power when the hydro is generating, the hydro power plant receives 7p/kWh of energy. The energy the hydro produces will be shared evenly between all the homes using electricity at that time and each home will pay that 7p/kWh for their share. That's about half the average price of electricity in the UK, but more than the hydro would usually receive for selling it – so everyone wins!

Any extra power required by a household will be provided by Cooperative Energy, on what is known as a 'time of use tariff'. On this tariff, the day is split into four chunks during which time electricity is different prices – you pay more at popular times (breakfast and tea time) and less when it's quieter.



Cyd Ynni – Ynni Lleol  
Electricity Prices

Your smart meter will collect info about your energy use, which you'll be able to view online, as well as receiving reports, advice and support to help you shift your electricity use to take advantage of the best prices.

To make the most of being part of the Energy Club, you'll need to shift your electricity use firstly to when the hydro is producing (which you'll be check using forecasts online) and secondly away from breakfast and tea time.

Each household will be different, but we estimate you'll be able to save between 10-30% on your electricity bill.

## How will the community benefit?

Through Cyd Ynni - Ynni Lleol the local generator will get a better price for their power, whilst you spending less on bills means more money can be spent within our community.

The hydro plant that will be part of the second phase of Cyd Ynni - Ynni Lleol's first trial is owned by Ynni Ogwen, so we'll also be supporting the great work they do.

## Who's involved?

Cyd Ynni - Ynni Lleol is an initiative of Cyd Ynni – a consortium of local community led renewable energy generators, which includes Ynni Ogwen, Ynni Padarn Peris, Moelyci, Coetir Mynydd, Antur Waunfawr and Ynni Anafon. They are supported by a range of organisations working together to run the trial:

- Partneriaeth Ogwen: a social enterprise supporting the communities of Dyffryn Ogwen.
- Energy Local (Ynni Lleol): a national non-profit helping get more value from local renewables.
- Co-operative Energy: an electricity supply company set up for the benefit of its customers.
- National Trust: owners of the hydro plant in the first phase of Cyd Ynni - Ynni Lleol and members of Cyd Ynni.
- 10:10: a national climate change charity working to support the project with resources, promotion and more.

By working together, we are bringing engineering expertise and community renewable projects together for the benefit of communities and the domestic electricity user.

## Be part of Cyd Ynni - Ynni Lleol

We're looking for around 100 households to take part in the first trial. If you think you would like to participate, please fill in an expression of interest form available at:

- [www.energylocal.co.uk/cydynni](http://www.energylocal.co.uk/cydynni)
- Partneriaeth Ogwen's offices at 26 Stryd Fawr, Bethesda
- Alternatively, send us an email: [cydynni@energylocal.co.uk](mailto:cydynni@energylocal.co.uk)