

PEC Renewables Members Technical & Financial Summary 2022



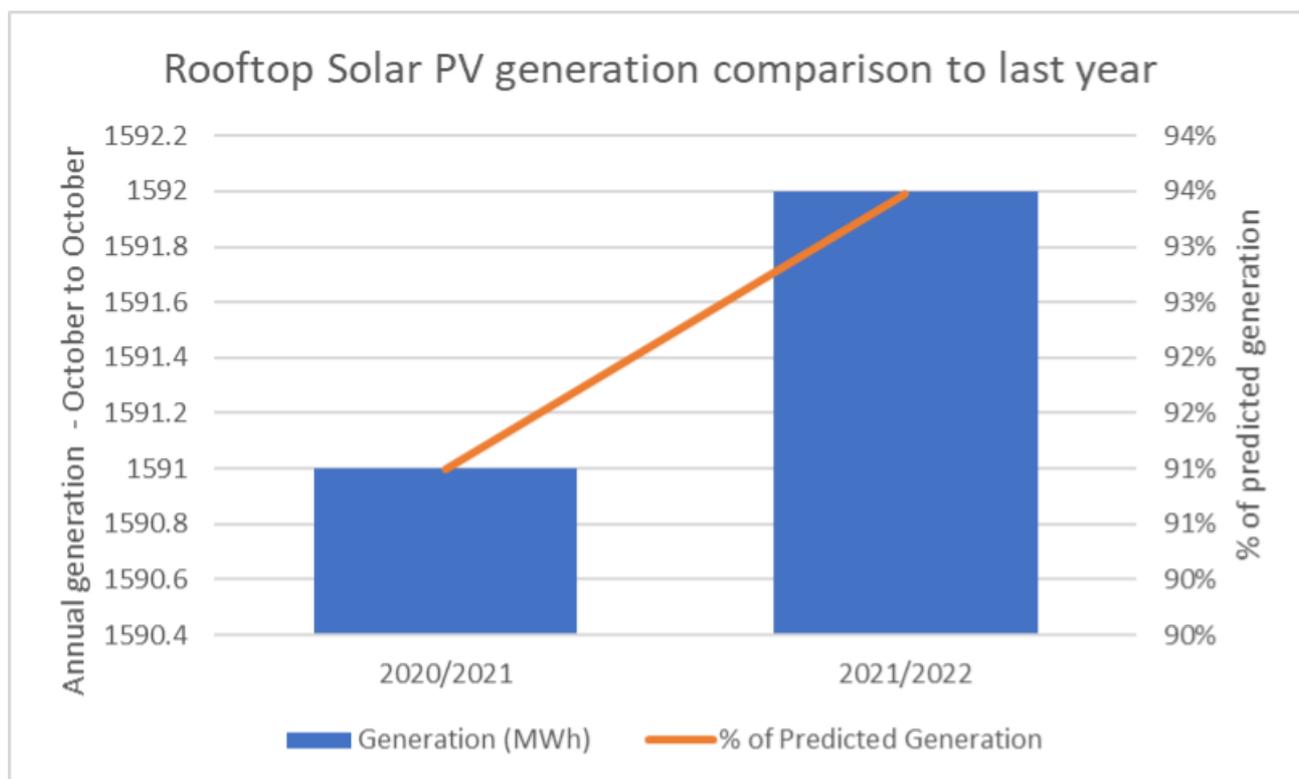
Rooftop solar

Between October 2021 and September 2022, our rooftop arrays have generated 1,592 MWh of clean energy, saving 335 tonnes of carbon emissions. £125,764 has been saved from the energy bills of local schools and community organisations.

We expect cumulative generation to fall year on year due to the dropping performance of solar panels over time (generally up to 0.5% per year). This year, this has been countered by the following:

- Sunshine hours in Plymouth have been around 4% higher than over the same period last year.
- We are continuing to progress a maintenance programme across the sites to address efficiency losses that are above and beyond expected drops in panel efficiency.

Because of the closure and demolition of Dunstone Primary School, our installation on that site has been removed. We have donated the 120 panels from this site to other community organisations across the City.



Ernesettle solar array

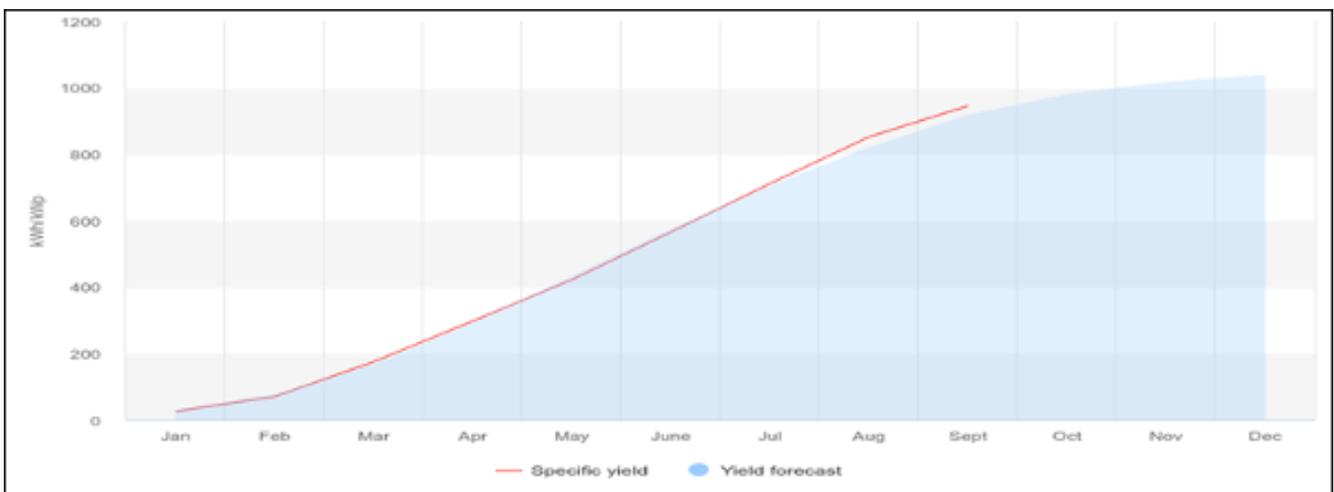


Our ground-mounted array at Ernesettle has had another successful year of operation. The array generated 4,385 MWh of renewable energy this year. This a 3% improvement in last year where, like rooftop, we have likely benefited from increased sunshine hours. This is enough to power 1,250 homes and saved 922 tonnes of carbon.

There have been very few technical and operational issues linked to operating the array and it is considered to be performing very well and the site is well maintained. We plan next year to begin to improve the biodiversity of the site by looking at grass management that maintains efficiency while being better for wildlife.

Forecast generation

The graph below shows the slightly above forecast generation during the 2022 operational year as of the end of August 2022:



PEC Renewables & Ernesettle Community Solar Financial Position

Linked to this report are the PEC Renewables Annual Accounts ([click here](#)) and the Ernesettle Community Solar (ECS) Annual Accounts ([click here](#)) and the report from our Independent Auditors. These show PEC Renewables have fixed assets with a value of £1,324,897 and turnover of £419,964. Overall, we are reporting an overall deficit of £51,532, compared to a profit of £30,332 in 2021.

ECS has fixed assets with a value of £2,817,809 and annual turnover of £531,424. The accounts show an overall deficit of £1,863, against a surplus of £19,398 in the previous year. The deficit position at end June 2022 has been created by an accounting adjustment for the interest accrued against the shareholder loan capital contribution.

PEC Renewables Profit and loss statement

	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022
TURNOVER	£303,864	£265,409	£276,254	£295,627	£364,871	£419,964
OPERATING PROFIT/ DEFICIT	(£4,079)	(£66,856)	(£34,563)	(£18,953)	(£5365)	(£38,442)
PROFIT/DEFICIT BEFORE TAXATION	(£6,598)	(£25,138)	£12,073	£37,557	£36,902	(£52,059)
NET PROFIT/ DEFICIT	(£2,498)	(£21,654)	£9,270	£31,272	£30,332	(£51,532)

Ernesettle Community Solar Profit and loss statement

	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022
TURNOVER	£435,732	£482,303	£502,710	£539,846	£505,064	£531,424
OPERATING PROFIT/ DEFICIT	£105,448	£147,800	£170,033	£225,690	£194,968	£161,664
PROFIT/ DEFICIT BEFORE TAXATION	(£89,452)	(£62,187)	(£39,957)	£15,703	£25,496	(£470)
NET PROFIT/ DEFICIT	(£77,071)	(£50,349)	(£34,286)	£13,904	£19,398	(£1863)

Financial Position continued

PEC Renewables and Ernesettle Community Solar continue to meet financial performance projected in the latest financial model. A rise in interest rates has made a significant impact on the end of year profit and loss positions, but we expect this to be mitigated by increased FIT (Feed-in Tariff) and power sale income in the new year. For example, we have taken advantage of the recent rises in energy costs to fix the prices that we receive for power sales from Ernesettle out until 2024. This will bring favourable income increases for the next few years.

For PEC Renewables, we expect the RPI increase to be applied to the income streams to keep up with interest rates, albeit there will be a time lag. We are also reviewing the reserve position we should have in place for the replacement of inverters which expire under warranty in 2024 and beyond. We expect future costs to exceed our current estimates.

Member interest repayments

This year the Board are recommending that the 2021/2022 interest payments, remain at 4% for shareholdings in the 2014 and 2015 share offers, and 5% for share holdings in the 2016/2017 (Ernesettle) share offer. It is the Board's current intention to apply these same rates to shareholdings in the upcoming years.

To ensure the widest spectrum of members have an opportunity to vote on this resolution the ballot will be run online. There will be no voting at the AGM and so members receiving this Annual Report and Formal Notice of AGM are encouraged to come forward to ask any questions or express any concerns in advance of the voting deadline by emailing support@plymouthenergycommunity.com or calling 01752 477117.

Subject to interest payment resolutions being approved at the AGM, Members interest payments (and where appropriate capital repayments) will be processed during December.

If you would like to donate your Member interest payment to support Plymouth Energy Community's work on fuel poverty and the climate emergency then please email support@plymouthenergycommunity.com or call 01752 477117.

Please ensure your bank details are current via your online investor portal found on www.ethex.org.uk/.

Share withdrawals

This year members were again invited to apply for full or partial withdrawal of their share capital. A total of £242,950 was requested across 31 investors. This year we received applications for the return of capital investments in excess of our target figure. The Board have approved a recommendation to repay about £40,000 more than targeted in our original financial model but this still leaves us oversubscribed by almost £39,000. This over subscription has been managed by applying a 25% reduction to the requested repayments from those investors holding 10,000 or more shares in any one share offer. The total amount being repaid is £199,200.

These share withdrawal payments will be made after the AGM at the same time as interest payments.