



NextEnergy Solar Fund

Investment companies | Update | 12 July 2023

Recycling champion

From an operational standpoint, NextEnergy Solar Fund (NESF) is doing well. As we discuss on page 5 of this note, the board, encouraged by a high proportion of predictable revenue, has felt comfortable in declaring an inflation-matching 11% increase in NESF's dividend per share, and is confident that this will be well-covered by earnings.

In the face of a difficult market for fundraising (expanding the fund by issuing new shares), NESF's managers propose recycling capital from its portfolio of subsidy-free solar assets. In the short term, the proceeds would be used to reduce borrowings (gearing) and fund a potential share buyback. Longer-term, the proceeds would be used to secure new solar and energy storage opportunities that present a suitable return profile.

After a good 2022/23 financial year, new investments could boost the NAV and cashflows further. Share buybacks could turn the tide on NESF's share price discount to **net asset value (NAV)** and lower debt levels could calm investors' nerves. Combine this with a prospective **dividend yield** of 9.1% and NESF's future looks bright.

Income from solar-focused portfolio

NESF aims to provide its shareholders with attractive risk-adjusted returns, principally in the form of regular dividends, by investing in a diversified portfolio of primarily UK-based solar energy infrastructure and complementary energy storage assets.

Sector	Renewable energy infrastructure
Ticker	NESF LN
Base currency	GBP
Price	92.2p
NAV	114.3p
Premium/(discount)	(19.4%)
Yield	9.1%

Note 1) Morningstar estimate, last published 114.3p as at 31 March 2023. This included the most recent 1.88p dividend, which went ex on 18 May 2023.



NESF was the first fund to declare that it would recycle capital into new investments



Fixed revenues underpin 11% dividend hike



Aiming to be a market leader for enhancing ecology and biodiversity





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Domicile	Guernsey
Inception date	25 April 2014
Manager	NextEnergy Capital IM
Market cap	544.4m
Shares outstanding (exc. treasury shares)	590,480,019
Daily vol. (1-yr. avg.)	1,220,625 shares
Net gearing	28%

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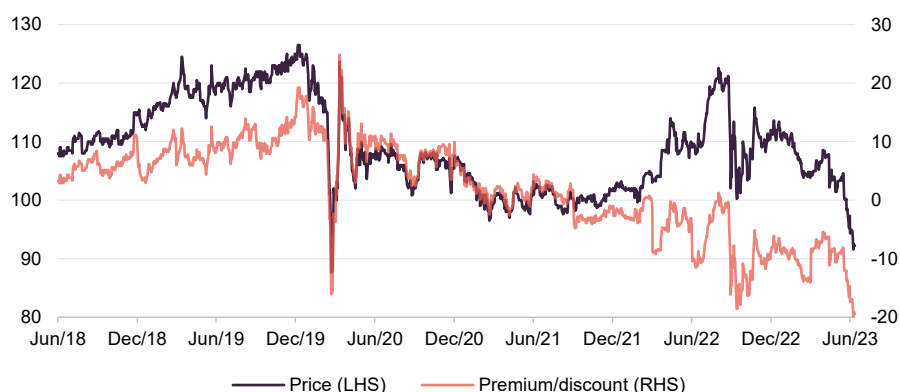


At a glance

Share price and premium/(discount)

NESF's share price was knocked by the general COVID-related panic that hit markets in March 2020 and has never fully recovered its poise. By September 2022, the shares were at least back trading at asset value. However, as talk of interest rate rises grew, investors became increasingly nervous, and the share price **discount to net asset value (NAV)** started to widen.

Time period 30 June 2018 to 10 July 2023



Performance over five years

While the NAV gave back some of its gains at the end March 2023, over the accounting year ended on 31 March, the NAV made progress, rising from 113.5p to 114.3p.

On a total return basis (including dividends), NESF made 7.2% in NAV terms and 8.2% in share price terms.

We look at the drivers of this on page 6.

Time period 30 June 2018 to 30 June 2023

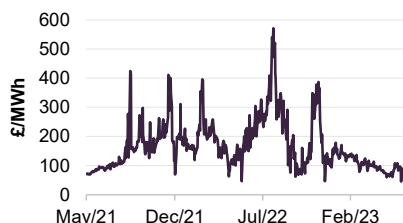


Source: Morningstar, Marten & Co

Year ended	Share price total return (%)	NAV total return (%)	Earnings per share ¹ (pence)	Dividend per share (pence)	Cash dividend cover (x)
31/03/2019	12.3	12.4	11.93	6.65	1.3
31/03/2020	(8.6)	(4.9)	(5.09)	6.87	1.2
31/03/2021	4.9	7.2	6.32	7.05	1.1
31/03/2022	11.4	23.1	17.34	7.16	1.2
31/03/2023	8.2	7.2	7.55	7.52	1.4

Source: Morningstar, Marten & Co. Note 1) fully diluted

Figure 1: Power prices



Source: Bloomberg, N2EX day-ahead

Figure 2: Discount rates

UK unlevered	6.75%
UK levered	7.45–7.75%
Italy unlevered	8.25%
Subsidy-free (uncontracted)	7.75%
Life extensions	7.75%

Source: NextEnergy Solar Fund

Almost all renewable energy funds now trade on double digit discounts

NESF is classified as an Article 9 fund

Navigating a difficult environment

As Figure 1 shows, power prices have subsided from the extreme highs that we saw in 2022, and are almost back to 2021 levels. However, the manager has a specialist energy sales desk that is tasked with mitigating market price volatility and so NESF has been less exposed to this as a result. To illustrate this point, prices for 88% of NESF's budgeted generation for its financial year ending in March 2024 (FY24) have been fixed at an average price of £79.0/MWh, 44% of budgeted generation has been fixed at an average of price of £91.4/MWh for FY25 and 13% of budgeted generation has been fixed at a price of £147.2/MWh for FY26.

In addition, around 50% of NESF's revenues are derived from inflation-linked (RPI) government-backed subsidies, which gives greater visibility over NESF's predicted revenues.

The UK inflation assumptions used in NESF's end-March 2023 NAV calculation are based on HM Treasury Forecasts and long-term implied rates from the Bank of England. At 4.9% for March 2024 and 3.4% for March 2025, these look perhaps overly conservative to us. Inflation figures have been coming in ahead of forecasts and core inflation is rising. Fortunately, reflecting the significant degree of inflation-linkage in NESF's revenues, higher inflation has a positive effect on NESF's NAV; at the end of March 2023, NESF said that a 1% increase in inflation above the rate assumed in its valuation would be expected to add about 8.7p (7.3%) to the NAV.

Unsurprisingly, given this backdrop, interest rates are still climbing, up 2% since 13 December 2022, when we last published a note on NESF. Investors' concern is that this will feed through into higher discount rates used to work out the present value of NESF's cash flows to calculate the NAV. A higher discount rate means a lower NAV and vice versa. Figure 2 shows the discount rates that NESF is using in its NAV currently. These compare to 20-year gilt yields of about 4.5% at the end of June 2023, which were about 0.75% higher than they were when we last published. At the end of March 2023, NESF said that a 0.5% increase in its discount rate would be expected to take off about 3.2p (2.7%) from its NAV.

As interest rates climb and fears grow of a slowing economy, which could perhaps even tip into recession, funds that can offer high levels of predictable, reliable and growing income ought to be in demand. However, like all other renewable energy funds, NESF has experienced a widening of its share price discount to its NAV over the past couple of years, and almost all renewable energy funds now trade on double digit discounts to NAV.

From an environmental standpoint, NESF is classified as an Article 9 fund under EU SFDR and Taxonomy. You can read the company's latest Taskforce on Climate-related Financial Disclosures (TCFD) report [here](#). The actions that it is taking are making a real difference to the problems of climate change and the UK's energy security. It produces enough power for 242,000 UK homes and since launch its activities have enabled the avoidance of the production of 2.2 megatonnes of greenhouse gases. However, as we know, in order to achieve net zero much more needs to be done and, unsurprisingly, the manager has a significant pipeline of investment opportunities.

NESF was the first fund to declare that it would recycle capital into new investments

With new equity fundraising off the table until the share price discounts close decisively, NESF was the first fund to declare that it would instead seek to recycle capital from operational projects to fund new investments in solar and in energy storage, creating opportunities to add to its NAV and its cash flows as well as benefitting the planet.

We think that a prospective dividend yield of 9.1%, a record of dividend increases matching inflation, the possibility of NAV growth, and a board that is prepared to undertake NAV-accretive repurchases add up to an attractive opportunity.

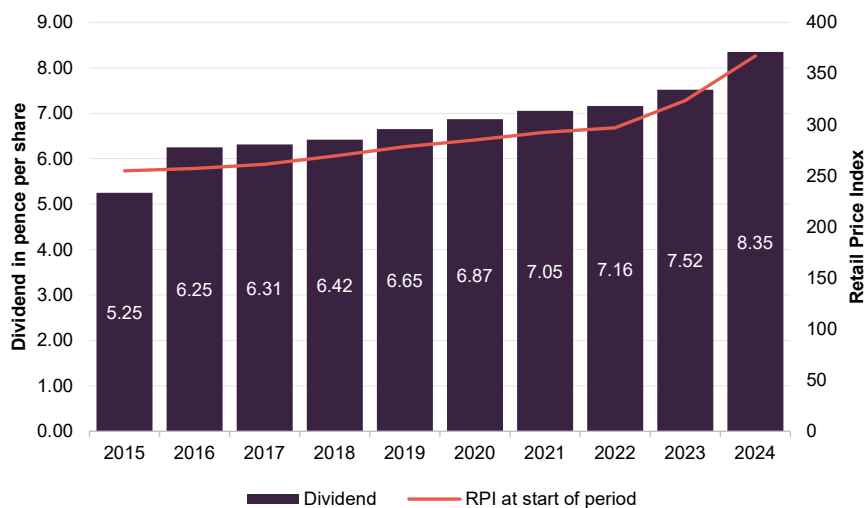
New dividend target

Fixed revenues underpin 11% dividend hike

NESF declared quarterly dividends totalling 7.52p for its financial year that ended on 31 March 2023. These were covered 1.4x. For the current financial year, NESF is targeting a dividend of 8.35p, an 11.0% increase. The board believes that this dividend is likely to be covered 1.3–1.5x and it can be reasonably confident in that because 1–1.1x cover is coming from fixed revenues.

The net effect of this is that NESF is one of very few investment companies that offers investors both a high starting yield and dividend increases that have matched inflation.

Figure 3: NESF's dividend history¹ versus inflation



Source: NextEnergy Solar Fund, Marten & Co Note: 1) For financial years ended 31 March. The lower dividend for the financial year ended 31 March 2015 reflects the immaturity of the portfolio at that date.

Capital recycling programme

On 27 April 2023, NESF announced plans to divest a 236MW portfolio of subsidy-free UK solar assets (Hatherden, Whitecross, Staughton, The Grange, and South Lowfield). It said that the proceeds would be used to:

- reduce gearing: materially reducing the amount drawn down on its revolving credit facilities;

- invest in future long-term growth opportunities: providing it with flexibility to capture higher returning investment opportunities in the future, such as energy storage; and
- buyback shares if the share price continues to trade at a material discount to NAV.

Two operational subsidy-free assets will remain within the portfolio and the company remains committed to its remaining subsidy-free solar pipeline. At 31 March 2023, NESF had total gearing (on a gross asset value basis) of 44.6%, which compares to a 50% cap on gearing. The gearing figure includes its £200m of preference shares, excluding these the gearing figure is 28%. NESF had £38.7m of headroom within its £135m revolving credit facility at the end of March 2023.

The effect of the proposed capital recycling should be threefold: validating the assumptions used in calculating the NAV, narrowing the discount, and – perhaps, most importantly – freeing up cash for new NAV-enhancing projects that will further the fight against climate change.

Portfolio progress

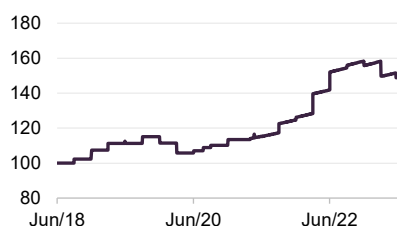
NESF has fleshed out its energy storage strategy

NESF is asking shareholders for permission to invest up to 25% of its gross assets in energy storage assets (up from the current 10% limit). We discussed NESF's energy storage strategy in our last note. In February 2023, NESF announced more detail on this in a document that you can read [here](#). NESF's £500m pipeline includes the 250MW battery storage project that we discussed in our last note.

NextPower III ESG, to which NESF has a \$50m commitment, continues to make progress. NESF has also made direct co-investments into two construction-phase assets – a 25% stake in a 50MW Spanish solar project and a 13% stake in a 210MW Portuguese solar asset. Both projects have secured PPAs with Statkraft. These projects may provide an NAV uplift on completion. The manager has indicated that instead of a new commitment to the next NextPower fund, we are more likely to see co-investments such as these, which come on a no-fee, no-carry basis.

Results for year ended 31 March 2023

Figure 4: NESF NAV total return



Source: Morningstar, Marten & Co

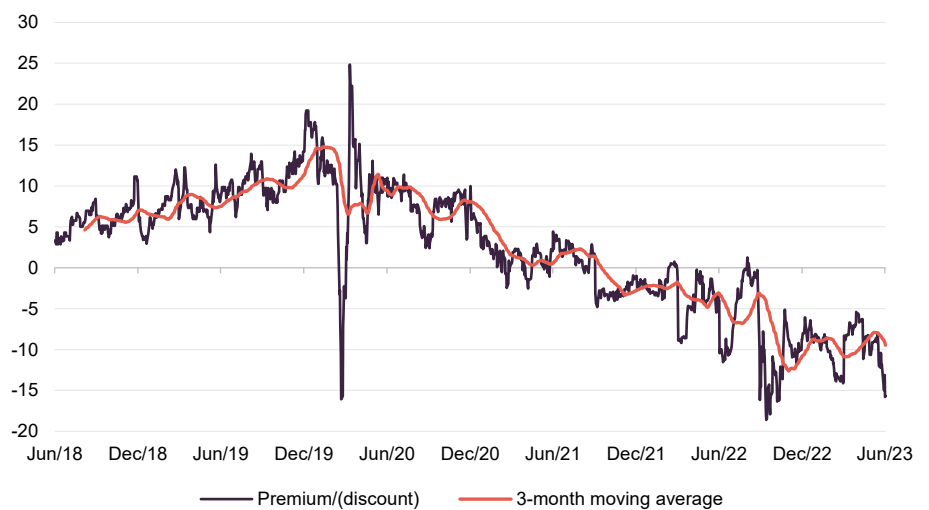
NESF published results for the 12 months ended 31 March 2023 on 19 June 2023. The NAV made progress over the year under review, rising from 113.5p to 114.3p. On a total return basis, NESF made 7.2% over the period in NAV terms and 8.2% in share price terms. It generated 870GWh of power, 12.5% more than over the previous year.

There are a lot of moving parts within that modest NAV uplift. Higher power price forecasts added 14.6p, higher inflation added 5.7p, and 13.4p was added from existing operations (within that solar irradiation came in above budget but power prices achieved were below expectations). Offsetting that was a 1% hike in the weighted average discount rate applied to NESF's forecast cash flows to calculate its NAV.

NESF also released a corrected NAV recently after an internal review identified that an issue with automated reports had led to overstatements of the NAV by up to 2.7p. The board has stated this was not an issue within the accounting system and had no impact on the cash flow generated by the business or on its dividend cover. It was satisfied that this was an isolated incident and has agreed a number of additional steps to further strengthen controls.

Premium/(discount)

Figure 5: NESF premium/(discount) over five years ended 30 June 2023



Source: Morningstar, Marten & Co

NESF's share price was knocked by the general COVID-related panic that hit markets in March 2020 and has never fully recovered its poise. By September 2022, the shares were at least back trading at asset value. However, as talk of interest rate rises grew, investors became increasingly nervous, and the discount started to widen.

We think that the capital recycling programme offers one route to stabilising the discount. An end to interest rate rises would likely be a catalyst for a re-rating as well. We are encouraged by the additions that the chairman and the chair-elect have made to their personal holdings, which shows confidence in the strategy, as well as NESF's willingness to repurchase its own shares, which is a differentiator versus many of its peers. We note also the considerable increase in the shareholding of NextEnergy Group employees disclosed on 5 April 2023; to 1,538,657 shares from 317,961 at 15 June 2022, which emphasises the alignment between management and shareholders.

Fund profile

More information is available
at the trust's website
www.nextenergysolarfund.com

NESF is a UK-focused solar fund which was established in April 2014 with the aim of generating attractive risk-adjusted returns. The intention was that most of the return would come as dividends. Following shareholder approval for a revised investment policy in September 2020, the company has the freedom to invest up to 30% of gross assets in other **OECD** countries outside the UK. It can also invest up to 15% in solar-focused private equity structures, and 10% in energy storage.

NESF's investment manager is NextEnergy Capital IM Limited and it is advised by NextEnergy Capital Limited. Both companies are part of the NextEnergy Capital Group (NEC), which has around \$3.7bn of assets under management. To date, NEC has invested in over 378 individual solar plants for an installed capacity in excess of 1.4GW, putting it amongst the most experienced solar investors globally. WiseEnergy is NEC's operating asset manager. It has provided solar asset management, monitoring and technical due diligence services to over 1,350 utility-scale solar power plants with an installed capacity over 2.2GW. Starlight is NEC's development company. It has developed over 100 utility-scale projects and continues to progress a global pipeline of c.2.5GW of both green and brownfield project developments.

There are over 270 members of the NextEnergy team, around 159 of whom are employed on the asset management side of the business. The adviser has offices in Chile, India, Italy, Portugal, Spain, the UK, and the USA. NESF now has some exposure to most of these markets.

An investment committee comprising Michael Bonte-Friedheim (founding partner and group chief executive officer), Giulia Guidi (head of **ESG**), Ross Grier (UK managing director), and Aldo Beolchini (managing partner and chief investment officer) oversees NESF's portfolio.

Videos – introducing NESF

Fund brief



Fund manager brief



Environmental and social benefits

Aiming to be a market leader for enhancing ecology and biodiversity

NESF aims to be a market leader in the solar sector for enhancing ecology and biodiversity, with a particular emphasis on supporting pollinators such as bees. Ground-mounted solar is underplanted with wildflower meadows (with a bias to white flowers such as chamomile that reflect light back onto the panels, enhancing generation). Sheep graze sites, and a portion of each site is left uncut over the winter. NEC has a Biodiversity Management Plan which is being deployed over a select number of sites and involves, for example, the planting of wildflower meadows, and installation of bird and bat boxes etc. NEC has recently hired an environmental impact manager with over 20 years' experience in the environment sector to drive this work forward across the NESF portfolio.

NESF provides funding to local communities and supports educational projects. The NextEnergy Foundation (to which the manager contributes at least 5% of its profits) is a global organisation tasked with alleviating poverty, providing access to clean power and reducing emissions. The adviser has been working with suppliers to ensure that equipment is sourced ethically. ESG clauses are incorporated into contracts with suppliers of equipment and operations and maintenance firms.

Previous publications

Readers may wish to refer to our previous notes [Climbing inflation and power prices driving NAV uplift](#) , which was published on 9 February 2022, and [Earnings visibility underpins divided target](#), which was published on 13 December 2022. These can also be accessed through the [QuotedData website](#).



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