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Welcome

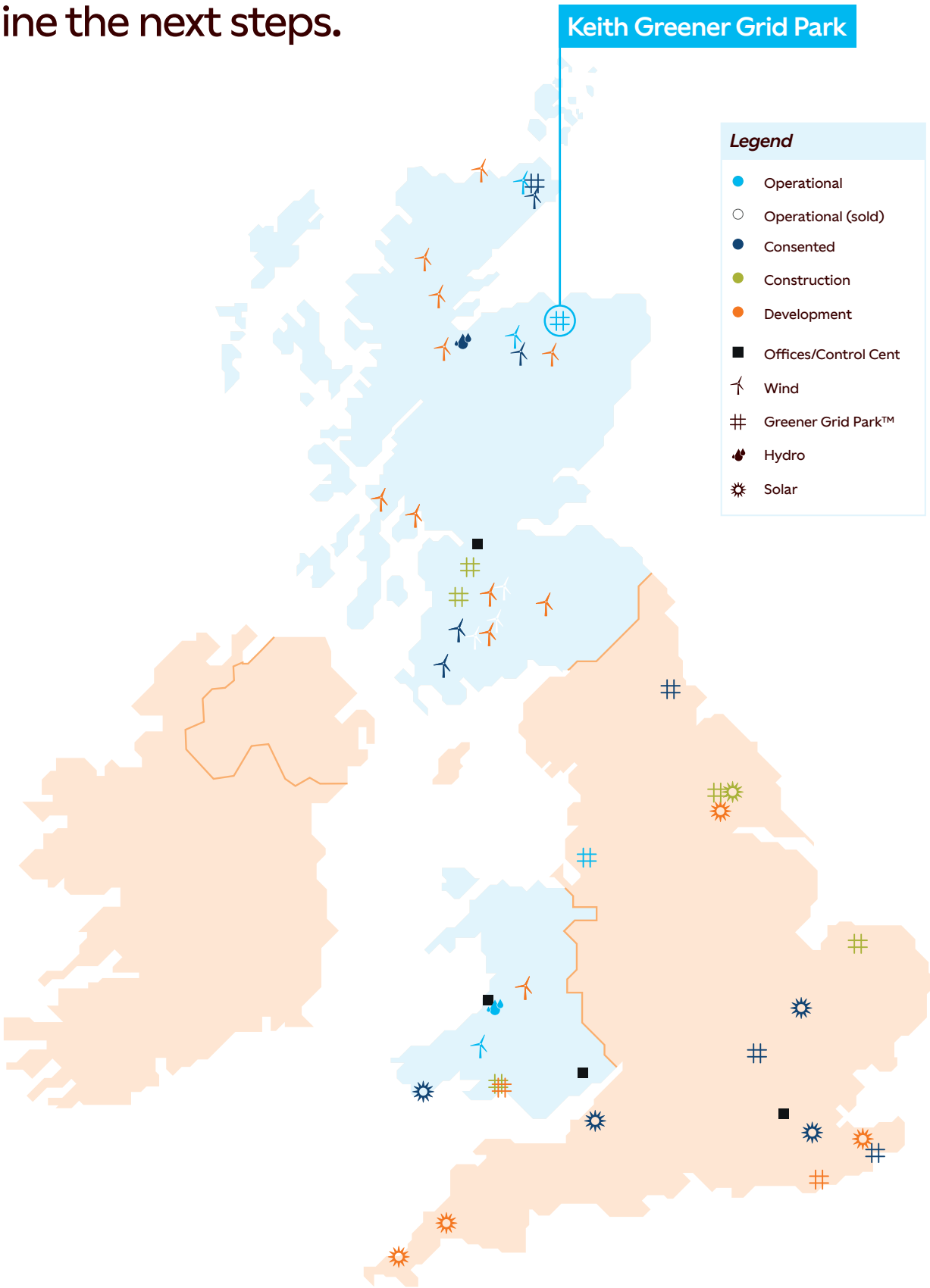
We are consulting the community in advance of submitting revised plans for Energy Storage at the existing Keith Greener Grid Park.

Our team are here to discuss our proposals, listen to your views and outline the next steps.

About Statkraft

- The largest generator of renewable energy in Europe
- Origins in Norwegian hydropower over 125 years ago
- Operating in the UK since 2006 with offices across the UK
- Over 40 projects in operation or development across the UK
- Expertise in developing and operating wind, solar, hydro and grid stability projects
- Distributed over £6 million to support local communities near renewable energy projects





MEMBER
THE ELECTRICITY STORAGE NETWORK

RenewableUK

MEMBER OF scottish renewables

For more information and to register for updates, visit: projects.statkraft.co.uk/keith-grid-extension

Scan the QR code to view the project webpage

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About Greener Grid Parks

Greener Grid Parks are energy projects comprised of zero carbon technologies which stabilise the grid, allowing more renewable energy to be transmitted through the network. They are not a wind farm or solar farm, but include equipment to import, store and export energy for use at a later date.

This is provided by one or both of the following innovative technologies.

Synchronous Compensator



Greener Grid Park at Keith

Large machines with built-in flywheels provide grid stability without emitting any carbon dioxide – decarbonising the grid and saving consumers money.

Batteries (Battery Energy Storage System or BESS)



BESS at Neilston Greener Grid Park, which is nearing operation

Batteries capture energy and store it for use later to keep supply and demand balanced. This is another innovative way we can provide stability to the grid.

For more information visit
www.statkraft.co.uk/greenergridparks

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About Keith Greener Grid Park Extension

Proposed Site Location



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“Sometimes it’s been necessary to shut down wind farms and switch on gas fired power plants - projects such as our Greener Grid Parks will make this a thing of the past.”

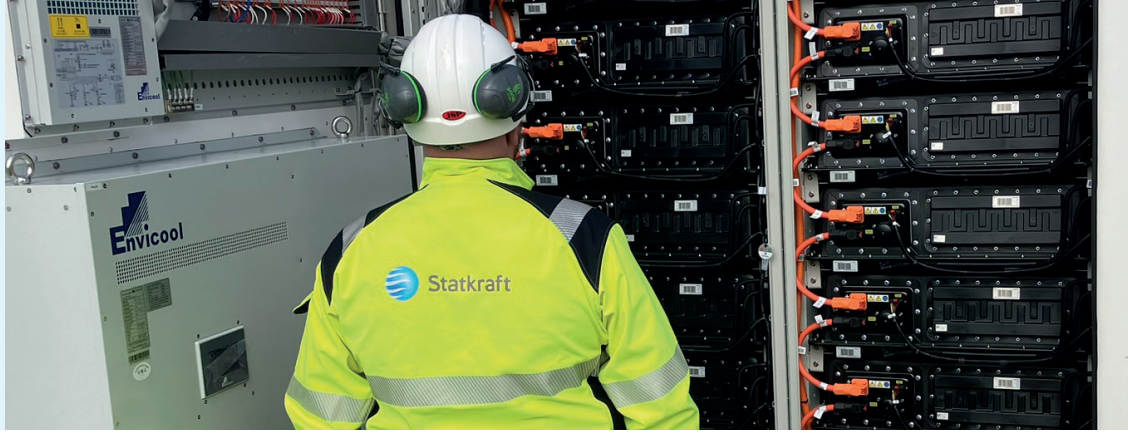
Guy Nicholson -
Head of Greener Grid Parks, Statkraft UK.

“We hugely value the role batteries play today, helping to secure and balance the system in real time. There is a growing role for batteries in the future, with our forecasts seeing a need for four or five times the capacity we have today by 2030.”

National Energy System Operator (NESO),
October 2024

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About Keith Greener Grid Park Extension

Why here?

Close proximity to the substation avoids lengthy transmission cables, maximises the grid stabilisation function of the Greener Grid Park and ensures an efficient connection to the grid whilst minimising environmental disturbance and cost.

Keith is an excellent site location for a Battery Energy Storage System (BESS) because:

- This BESS project will enhance the **vital work being done in the Keith Greener Grid Park,** by increasing the amount of renewable energy consumers can utilise
- It will **connect to the existing Keith Greener Grid Park** and is next to Keith Substation meaning the **cable connection is short and less intrusive**
- There will be low **impacts on flooding, cultural heritage and ecology**
- There is **existing roads infrastructure** for access
- It is located in an area of **high wind generation and export**



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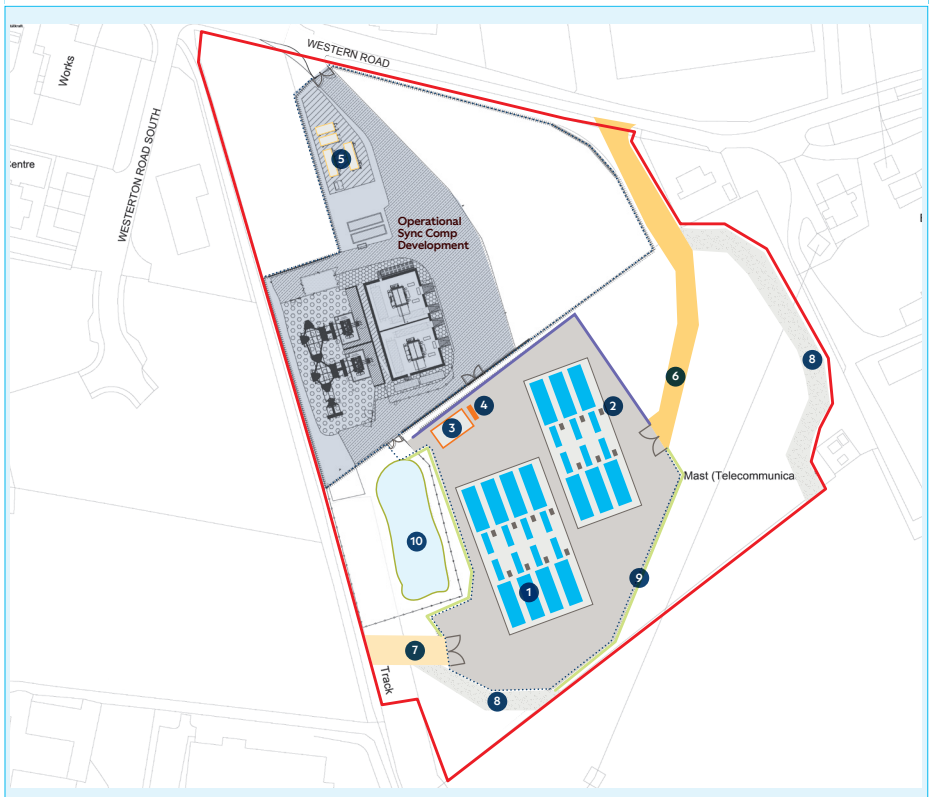


Design Evolution

In 2020, Statkraft received planning consent for Keith Greener Grid Park, this included 19.9MW of batteries and two synchronous compensators. The batteries were not built but the synchronous compensators have been operational since 2022.

At our public exhibitions in 2022 and 2024 proposed layouts were shown as part of a new 50MW battery application. These applications were not submitted as we continued to refine our proposal which we are now presenting today.

Proposed layout 2024

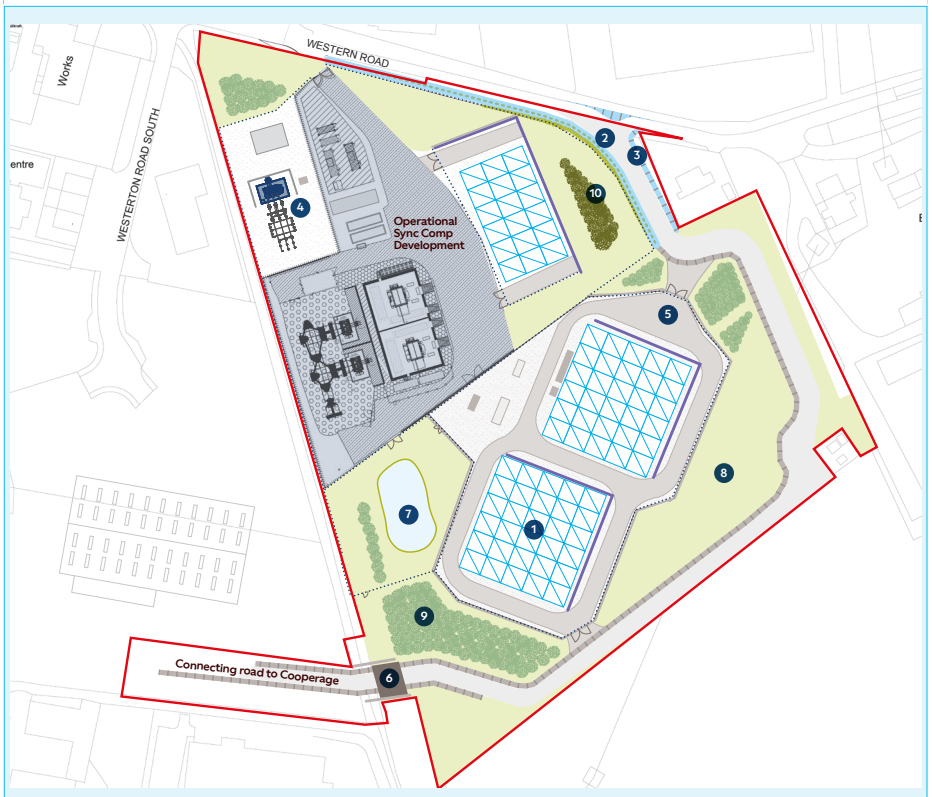


LEGEND

- Site Boundary
- Security Fence
- Noise Attenuation Wall
- 1 Battery And Inverter Skid
- 2 Telco And Lv Panels
- 3 Switchgear Station
- 4 Auxiliary Transformer
- 5 Offices and Stores
- 6 Primary Site Access Road
- 7 Indicative Secondary Access
- 8 Indicative Service Corridor
- 9 Fencing
- 10 SUDs Pond

At our public exhibitions in 2024, this proposed layout was exhibited as part of our new 50MW application. The application was not submitted as we continued to refine our proposal.

New proposed layout 2026



LEGEND

- Site Boundary
- Security Fencing
- Noise Attenuation Wall
- 1 Batteries (up to 5m)
- 2 Approved Bikeway
- 3 Approved Pavement
- 4 HV Yard and Transformer
- 5 Access Track
- 6 Protective concrete slab
- 7 SUDs Pond
- 8 Proposed Wildflower Meadow
- 9 Proposed Native Scrub and Tree Planting
- 10 Bund (up to 4m)

WE AIM TO:

- Increase the energy capacity from the consented 20MW to up to 50MW;
- Propose batteries with long duration energy storage;
- Utilise the land east of the existing GGP and to the south.

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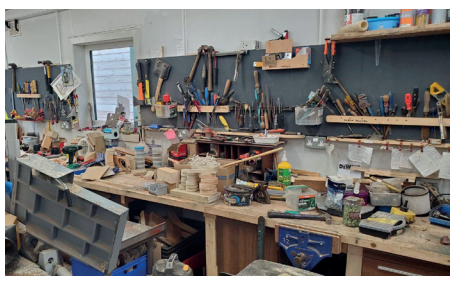
Community Benefits

Keith Greener Grid Park already delivers a community benefit fund of £20,000 each year and has delivered over £100,000 since commencement. The scheme being proposed would add another £20,000 per year into that fund.









One of the projects that has benefited is the local Keith and District Men's Shed, a men's health and wellbeing charity. The Community Benefit Fund helped fund the purchase of a new solar panels and battery storage for the organisation.



Rural Environmental Action Project (REAP) a local environmental and sustainable development charity based in Keith, received funding for their Local Social Therapeutic Gardening and Food Miles Reduction programme.

Community Benefit Fund

We are committed to setting up a Community Benefit Fund of £20,000 per annum from construction, if this project proceeds. Local projects are already being funded by the existing Keith Greener Grid Park fund, helping to support outdoor learning, sustainability and energy efficiency projects.

Local Suppliers

We work with local business groups to increase awareness of opportunities to get involved in the construction and operation of our projects. ***Over £1.6 million was invested in the local supply chain during our first energy storage project here in Keith.*** Visit our website to find out how to register interest. Over 90% of suppliers at Coylton Greener Grid Park in Ayrshire are located within 50 miles of the site, and over 80% within 30 miles.

MEMBER:

MORAY CHAMBER OF COMMERCE

Scan this QR code to view information on our current
Keith Greener Grid Park Community Benefit Fund

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Thank you for visiting

Your comments and feedback are important to us.

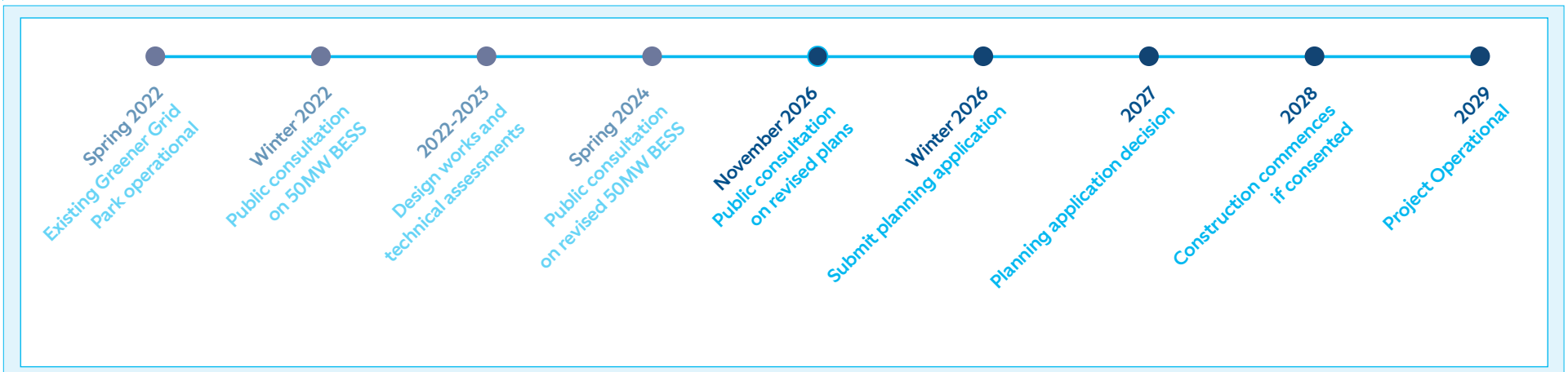
There will be an opportunity to formally comment on the application when a proposal is submitted. All of the information will be available to view on the websites of both Moray Council and our project at the time of submission.

We are committed to engaging with the local community and would like to keep you informed. Contact us with your questions, comments or to subscribe for project updates.



Statkraft Open Day at Keith Greener Grid Park

Indicative Timeline



Complete the feedback form

UKProjects@statkraft.com

0800 772 0668

projects.statkraft.co.uk/keith-grid-extension