

## **4.11 Information Day A1 Display Boards**



# Welcome

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**Our team are here to discuss our plans, listen to your views and outline the next steps of the Proposed Development.**

## About Statkraft

- The largest generator of renewable energy in Europe
- Over 40 projects in operation or development across the UK
- Origins in Norwegian hydropower over 125 years ago
- Expertise in developing and operating wind, solar, hydro, and grid stability services
- Mer, our EV charging company, is helping the shift towards net zero transportation
- Distributed over £4 million to support local communities near renewable energy projects



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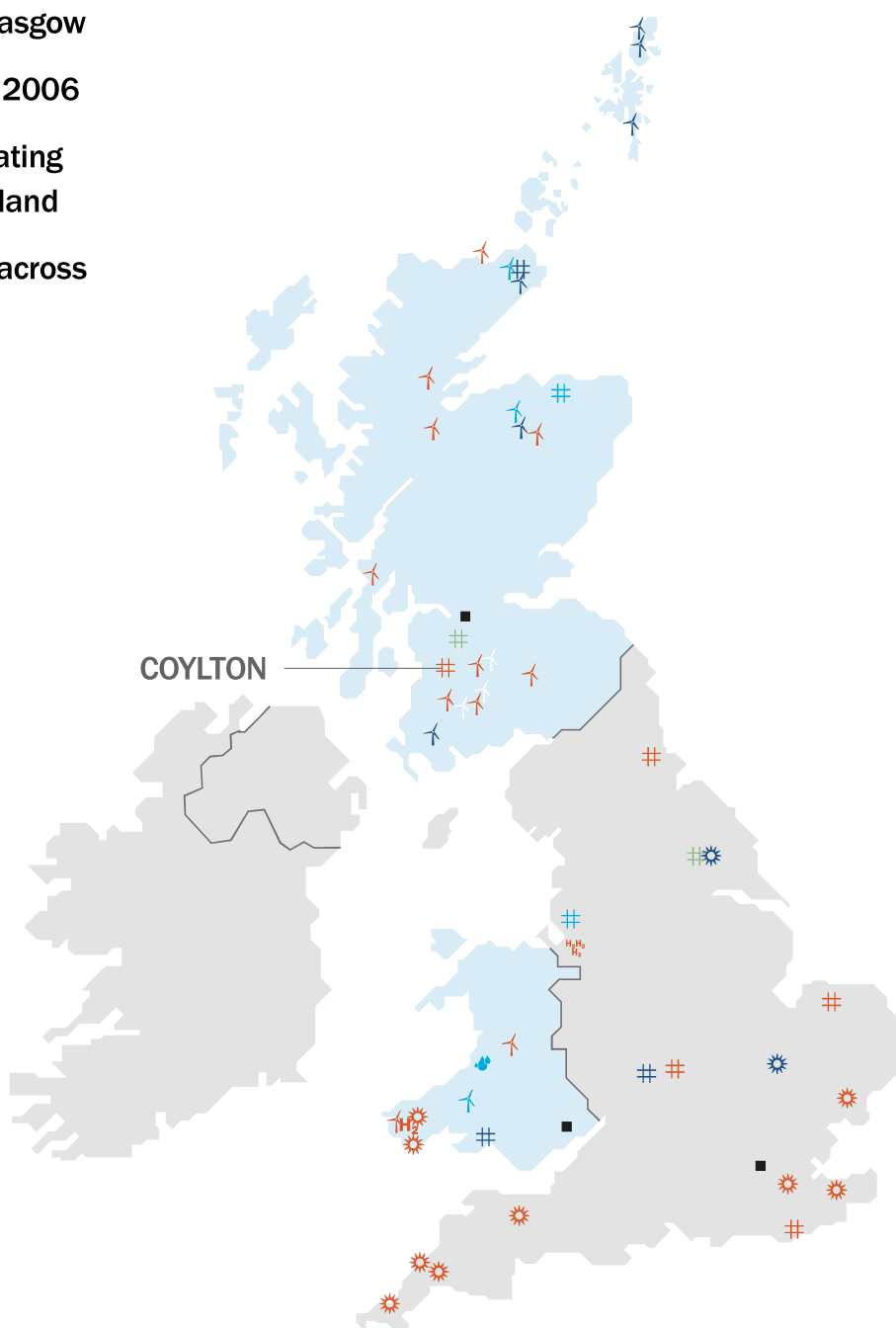
For more information and to register for updates, visit [www.statkraft.co.uk/coylton](http://www.statkraft.co.uk/coylton)



# Statkraft in UK

- **Scottish Head Office in Glasgow**
- **Operating in the UK since 2006**
- **Twenty four projects operating or in development in Scotland**
- **Employ almost 500 staff across our UK businesses**

- Operational
- Operational (sold)
- Consented
- Construction
- Development
- Offices
- ⋈ Wind
- ⋈ Greener Grid Park™
- ⋈ Hydro
- ⋈ Solar
- H<sub>2</sub> Hydrogen





# About Greener Grid Parks

Greener Grid Parks are a collection of buildings, containing zero carbon technology which stabilise the grid, allowing more renewable energy to be transmitted through the network. They are not a wind or solar farm, the buildings resemble agricultural barns, storage units or shipping containers.

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



Greener Grid Park at Keith

## Synchronous Compensator

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



BESS at Kilathmoy, Ireland

## Batteries (Battery Energy Storage System or BESS)

Batteries capture energy and store it for use later. Grid-forming converters combined with batteries always stay in 'grid-forming' mode which means they inherently resist changes in voltage and frequency on the electricity grid. This is another innovative way we can provide stability to the grid.





# Why do we need Greener Grid Parks?

**Greener Grid Parks are pioneering projects which help achieve zero carbon emissions.**

- As we move towards a zero carbon world we need to keep the power network stable as gas and coal units close.
- National Grid has had to pause renewables and run gas power stations – even when there is enough renewable energy to meet demand.
- National Grid pay to switch on fossil fuel powered plants and pay constraint payments – this has a cost to the environment and consumer.
- Greener Grid Parks remove this need by providing zero carbon stability so we can utilise as much renewable energy as possible.

## £128 MILLION

Saved (estimated by NGESO) across contract period for Phase 1 Pathfinder. Saving consumers money; meeting local, regional and national targets.

(NGESO: National Grid Electricity Systems Operator)

“ 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. ”

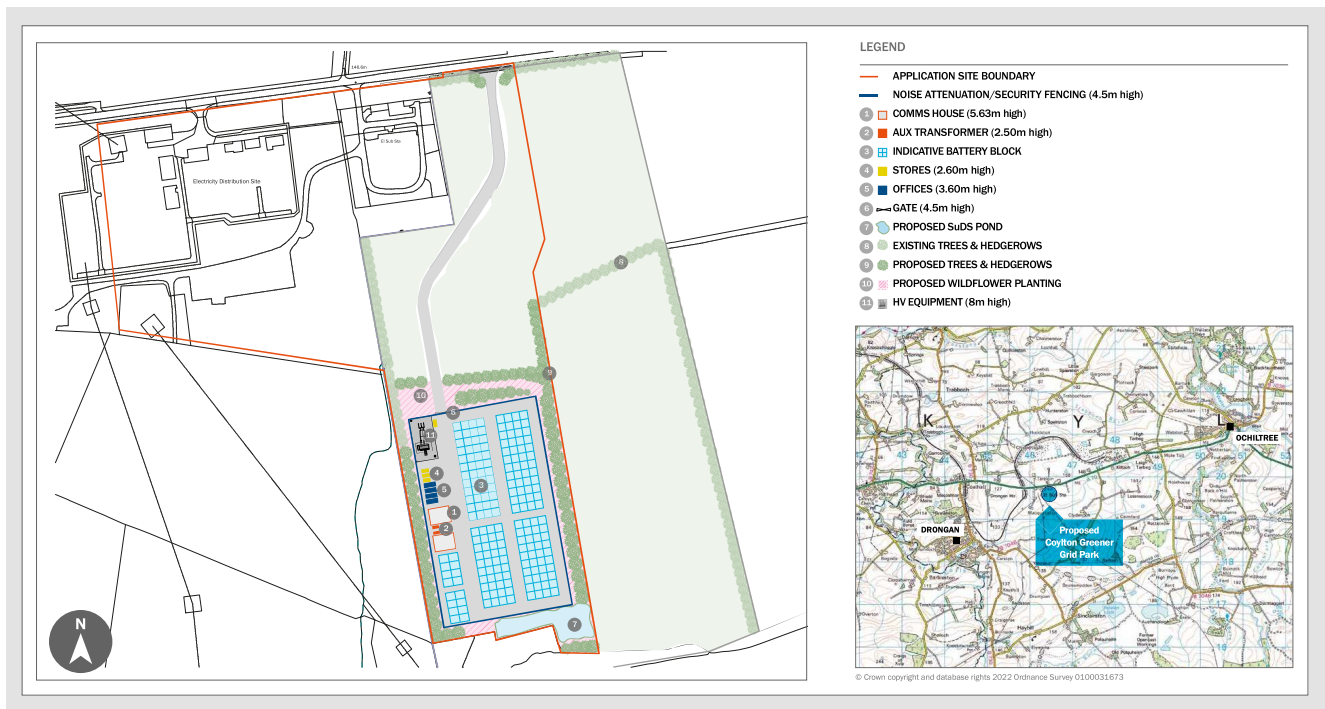
*Guy Nicholson -  
Head of Grid Integration, Statkraft UK.*



Find out more at: [www.statkraft.co.uk/greenergridparks](http://www.statkraft.co.uk/greenergridparks)



# About Coylton Greener Grid Park



**Coylton is an excellent site location for a Greener Grid Park because:**

- National Grid Electricity System Operator (NGESO) identified area with a stability need
- Statkraft have been awarded a contract by NGESO to provide this service at Coylton
- It is next to the existing Coylton substation meaning the cable connection is short and less intrusive
- Low impacts on flooding, cultural heritage and ecology
- Existing roads infrastructure for access

**If Coylton was granted planning permission, we estimate construction will commence in 2024 and the project will be operational in 2026**

## OUR COMMITMENT

We will plant native trees and a wildflower meadow to increase the biodiversity of the site



MEMBER:



**Project website:**

[www.statkraft.co.uk/coylton](http://www.statkraft.co.uk/coylton)



# Design Evolution

## Timeline

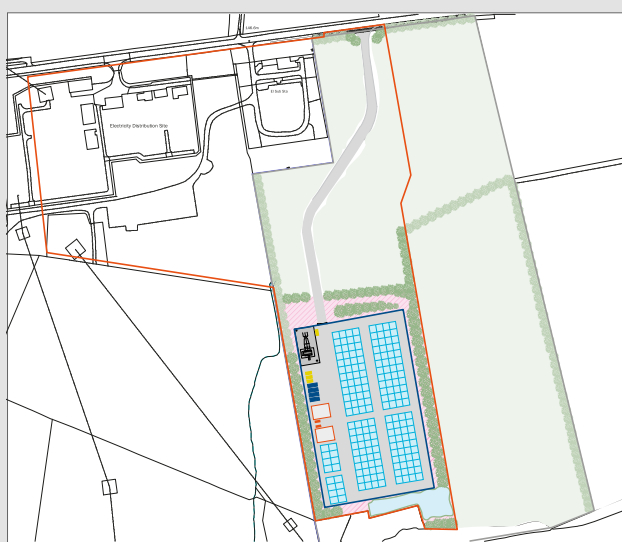
- **October 2021**  
First application submitted
- **March 2022**  
NGESO contract awarded
- **August 2022**  
First application consented (20MW)
- **2022 - 2023**  
Design works and technical assessments
- **October 2023**  
New application submitted (50MW)

## 20MW Planning Permission Approved



In August 2022, East Ayrshire Council consented our 20MW application

## 50MW Application Submitted 2023

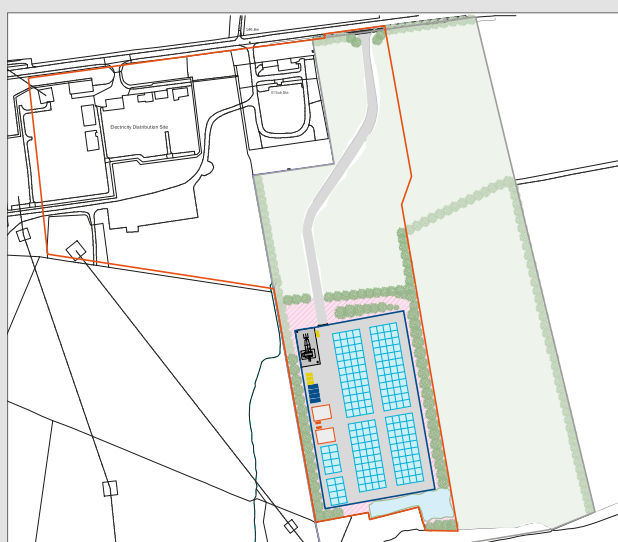


A new planning application was submitted to reflect NGESO's new requirements. Decision expected early 2024.

We aim to:

- increase the energy capacity
- move the infrastructure slightly to the south
- refine the layout and required infrastructure to remove the synchronous compensators

## Potential Section 36 Application



Statkraft intends to submit a Section 36 application in 2024 to increase the energy capacity of the project above 50MW.

We expect the visual appearance of the project to remain the same as the 50MW application.





# Community Benefits

We look forward to discussing with you the different ways that our projects bring positive benefits.

We were the first to offer community benefit funds for grid stability projects, and we would like to hear your ideas for worthwhile local projects.



Our first Greener Grid Park Community Benefit Fund at Keith, Moray, helped fund the purchase of a new solar panel and battery storage for the local Keith and District Men's Shed, a men's health and wellbeing charity.



"Windy Rig Wind Farm is another valuable contract for GTR. We are just one of several local businesses who are directly benefiting from the many wind farm developments within this area. This can only be a good thing for both local businesses and the local economy especially during the current pandemic." *Tanya Russell, Director, GTR Contracts Ltd*

## Community Benefit Fund

We are committed to setting up a Community Benefit Fund of £20,000 per annum. Our community benefit funds are dedicated to projects that help accelerate the transition to a low carbon society.

## Biodiversity Enhancements

Statkraft looks to actively improve the environment around our projects. We are committed to including enhancements suited to the local climate to improve habitat and biodiversity.

## Local Supply Chain

We work with local business groups to increase awareness of opportunities to get involved in the construction and operation of our projects.

**Over £1.6million was invested in the local supply chain at our Keith Greener Grid Park in Moray.**

Visit our website to find out how to register interest.





# Thank you for visiting

## Your views are important to us

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.

All of the information is available to view East Ayrshire Council's website and on our project website.



Statkraft Open Day at Keith Greener Grid Park



Please return the freepost reply card provided.



Visit the project website:  
[www.statkraft.co.uk/covilton](http://www.statkraft.co.uk/covilton)



[UKProjects@statkraft.com](mailto:UKProjects@statkraft.com)



Phone the project hotline:  
**0800 772 0668**

## **4.12 Information Day Photomontages**

**VIEWPOINT 1:  
CONSENTED SCHEME**



Shot location

**VIEWPOINT 1: A70 at East Tarelgin**



**VIEWPOINT 1: PROPOSED  
DEVELOPMENT**



Shot location

**VIEWPOINT 1: A70 at East Tarelgin**





## VIEWPOINT 2: CONSENTED SCHEME



Shot location

**VIEWPOINT 2: Core Path (C9) near  
Clydenoch**



Baseline view



At Completion



Year 15 after Completion



## VIEWPOINT 2: PROPOSED DEVELOPMENT



Shot location

**VIEWPOINT 2: Core Path (C9) near  
Clydenoch**



Baseline view



At Completion



Year 15 after Completion





## **4.13 Online Feedback Form**

Home Coylton Greener Grid  
Park

Project updates

Construction updates

Project Documents

Local benefits

Local suppliers

Frequently Asked Questions

Consented 50MW scheme

Get in touch

Request a call back from our development team. You will be contacted as soon as possible. If you prefer to call someone, phone us on 0800 772 0668.

Type your name here \*

Type your phone number here \*

[Privacy policy of Statkraft](#)

☐ By submitting this form, I consent to the processing of my phone number by Statkraft AS to receive a call back phone regarding the Statkraft's project I am interested in

☐ I have read and understood the Privacy Policy by Statkraft AS ([link above](#))

## Statkraft UK project pages

This is our dedicated consultation website to engage with those interested in our development projects in the UK. To find out more about Statkraft globally and our other UK operations, visit [www.statkraft.co.uk](http://www.statkraft.co.uk)

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United Kingdom

### Glasgow

The Garment Factory

## **4.14 Call Back Request Form**



Home Coylton Greener Grid Park

Project updates

Construction updates

Project Documents

Local benefits

Local suppliers

Frequently Asked Questions

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Get in touch

## Request a call back

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