

CORSHELLACH ENERGY STORAGE PROJECT

Pre-application Consultation (PAC) Report



Contents

1. Introduction	3
1.1 Proposed Development	3
2. The Applicant’s Commitment to Consultation	3
3. Statutory Requirements and Best Practice Guidance	3
4. Consultation Methodology.....	4
4.1 Community and Stakeholder Mapping.....	4
4.2 Consultation.....	4
4.2.1 Email to Elected Representatives – 6 th February 2023.....	4
4.2.2 Project Website – 10 th February 2023	4
4.2.3 Community Pre-Exhibition Mailing – 10 th February 2023	5
4.2.4 Pre-Exhibition Advertising – 15 th February 2023	5
4.2.5 Email to Elected Representatives – 22 nd February 2023	5
4.2.6 Public Exhibition – 23 rd February 2023.....	5
4.2.7 Summary of responses to questions on submitted comment forms.....	6
4.2.8 Stakeholder Update – 4 th April 2023.....	7
4.2.9 Community Pre-Exhibition Mailing – 2 nd May 2023.....	7
4.2.10 Pre-Exhibition Advertising – 3 rd May 2023	8
4.2.11 Email to Elected Representatives – 2 nd May 2023.....	8
4.2.12 Public Exhibition – 11 th May 2023	8
4.2.13 Summary of responses to questions on submitted comment forms.....	9
4.3 Summary of Consultation	10
5. Feedback and Applicant’s Response	11
6. Summary.....	14

1. Introduction

This Pre-Application Consultation (PAC) Report outlines how RES (the Applicant) has engaged with the local community to inform them about the proposed Corshellach Energy Storage Project, hereinafter referred to as the 'Proposed Development'.

It explains how and when the community was consulted before the planning application was submitted to Moray Council (hereinafter referred to as LPA) and how this consultation has shaped the Proposed Development.

The PAC Report summarises those activities undertaken, details how comments received from the community were considered and sets out if any consequent changes or mitigating measures have been included in the proposal.

1.1 Proposed Development

The development consists of a 49.9MW Battery Energy Storage System located near Dunphail, south of Forres, Moray. The nearest postcode is IV36 2QH. The coordinates for the approximate centre of site are E: 304159, N: 846982.

2. The Applicant's Commitment to Consultation

The Applicant is the world's largest independent renewable energy company, working across 24 countries and active in wind, solar, energy storage, biomass, hydro, green hydrogen, transmission and distribution. As an industry innovator for over 40 years, RES has delivered more than 26GW of renewable energy projects across the globe and supports an operational asset portfolio exceeding 41GW worldwide for a large client base.

The Applicant is committed to finding effective and appropriate ways of consulting with all its stakeholders, including local residents and community organisations, and believes that the views of local people are an integral part of the development process. The Applicant wants to be good neighbours to the communities that host its projects and will listen to and address questions or concerns that interested parties might have. A comprehensive process that engages with local people and stakeholders at an early stage allows an informed debate that helps the Applicant identify issues of potential concern, explore solutions and design a project that will be welcomed as a positive asset by the local community.

3. Statutory Requirements and Best Practice Guidance

The requirement for pre-application consultation is set out in Part 2 of the Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2013, (as amended by the Town and Country Planning (Pre-Application Consultation) (Scotland) Amendment Regulations 2021) and sections 35A & B of the Town and Country Planning (Scotland) Act 1997 as amended by the Planning Etc. (Scotland) Act 2006.

The legislation requires developers to submit a 'Proposal of Application Notice (PAN)' 12 weeks before submitting a formal planning application for 'Major' applications. The PAN explains how the Applicant will engage with the local community and sets out a timetable for the engagement. Once a planning authority receives a PAN, they have 21 days to consider the proposal and the decision is then effective for a period of 12 months from its date of issue.

The Applicant originally submitted a PAN to the LPA on 6th February 2023. The submitted information included details of the site location, the type of consultation methods that would be undertaken, with whom and within what distance from the site.

4. Consultation Methodology

The purpose of pre-application community consultation is to improve, where possible, the quality of the proposed planning application by considering public opinions and addressing, wherever possible, any issues raised by stakeholders. It is also intended that any interested stakeholders have access to up-to-date and accurate information regarding the Proposed Development and the opportunity to provide feedback to be considered prior to the proposed planning application being finalised and submitted.

4.1 Community and Stakeholder Mapping

This section details the key local stakeholders the Applicant identified and engaged with during the pre-application public consultation process. Prior to the start of the consultation, the Applicant undertook detailed desktop research to develop a comprehensive understanding of the key stakeholders to engage with during pre-application public consultation. This research involved identifying local stakeholders located around the site of the Proposed Development.

The stakeholder groups identified included:

- Finderne Community Council
- Elected representatives for Forres ward of the LPA
- Residential properties within a 2km radius of the Proposed Development

4.2 Consultation

As set out in section 3, the formal consultation began on 6th February 2023 when the PAN was issued to the LPA. A combination of the following methods was used to inform stakeholders (listed in section 4.1) about the Proposed Development, and subsequently to ascertain their views. An updated PAN was submitted to the LPA on 4th April 2023 advising that the date of the second consultation event had changed.

4.2.1 Email to Elected Representatives – 6th February 2023

The Applicant sent an email to all elected representatives for Forres ward of the LPA and Finderne Community Council to advise them that the Applicant was investigating the potential for an energy storage development at the site location and would commence a number of consultation activities shortly including newsletter distribution, a dedicated project website and public exhibitions. The letter also invited these representatives to contact the Applicant if they wished to arrange a meeting to discuss the proposal. A copy of the PAN was enclosed with each letter. A copy of the letter can be found at **Appendix A**.

4.2.2 Project Website – 10th February 2023

On 10th February 2023, a project website was launched at www.corshellach-energystorage.co.uk/ containing information on the Proposed Development as well as contact details for the Applicant to facilitate direct engagement.

The project website remains live and will be updated when the planning submission is made, to include links to all planning application documentation.

4.2.3 Community Pre-Exhibition Mailing – 10th February 2023

On 10th February 2023, the Applicant sent a newsletter, advertising the upcoming public exhibition, to 34 properties identified within 2km of the Proposed Development. A copy of the newsletter can be found at **Appendix B**.

4.2.4 Pre-Exhibition Advertising – 15th February 2023

The Applicant placed an advertisement which appeared in the Forres Gazette on 15th February 2023 to help raise awareness of the upcoming exhibition. A copy of the advertisement can be found at **Appendix C**.

4.2.5 Email to Elected Representatives – 22nd February 2023

The Applicant sent an email to all elected representatives for Forres ward of the LPA and Finderne Community Council enclosing the newsletter regarding the upcoming public exhibition. A copy of the newsletter can be found at **Appendix B**.

4.2.6 Public Exhibition – 23rd February 2023

The public exhibition took place between 3pm and 7.30pm on 23rd February 2023 at the Edinkillie Community Hall, Dunphail, Forres, IV36 2QW. Approximately 25 people attended the public exhibition. A copy of the exhibition boards presented at the public exhibition can be found at **Appendix D**.

All of the information provided on the exhibition boards at the public exhibition was also published on the project website at www.corshellach-energystorage.co.uk from 23rd February 2023.

For people without internet access, hard copies of the exhibition material were available upon request. No requests for hard copies were received.

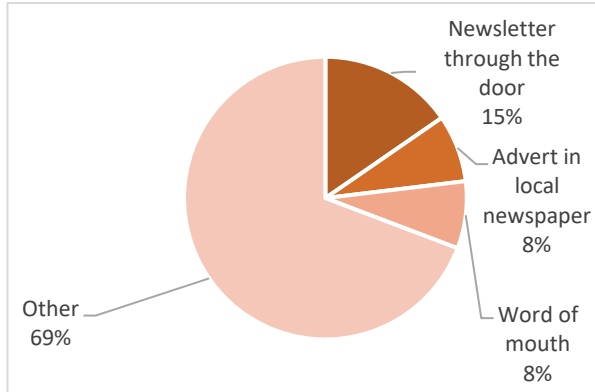
A comment form was provided as part of the public exhibition and online, to encourage feedback from attendees about renewable energy in general and the project design specifically. The comment form was made available as a hard copy at the exhibition or as a downloadable version on the project website. A copy of the comment form can be found at **Appendix E**.

Thirteen completed comment forms were received by the Applicant. Below is a summary of the answers received to the questions on the comment form.

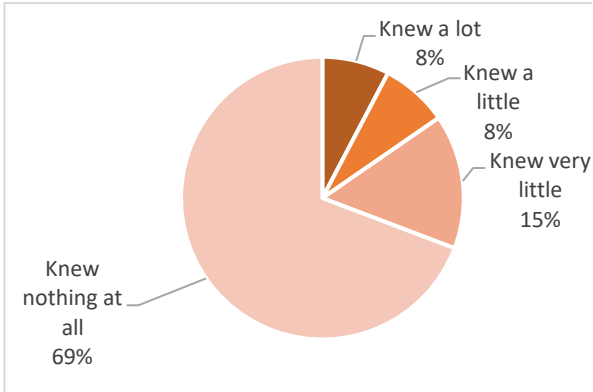
At all stages of the consultation process the Applicant set out clearly the purpose of the consultation and emphasised that comments made were not representations to the determining authority (the LPA) and that there would be the opportunity for representations to be made to the determining authority once the planning application was submitted.

4.2.7 Summary of responses to questions on submitted comment forms

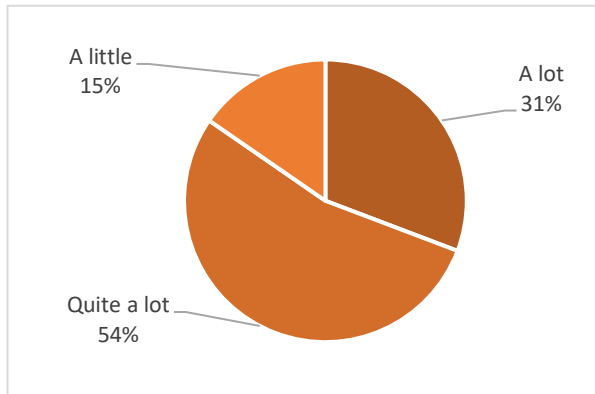
Q1.1 How did you find out about our public exhibition?



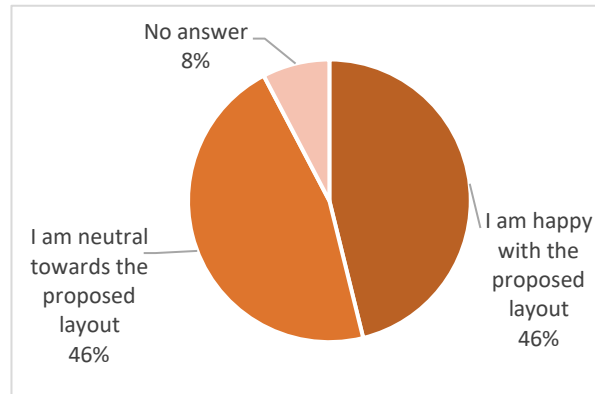
Q1.2 Before visiting the exhibition how would you describe your knowledge of the proposed Corshellach Energy Storage System?



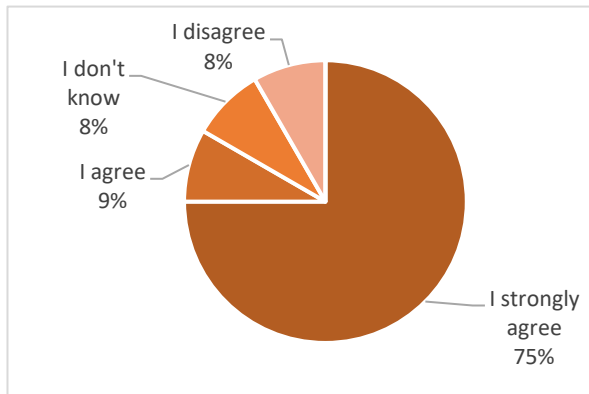
Q1.3 Having visited the exhibition, to what extent do you feel you have increased your understanding about the proposed Corshellach Energy Storage System?



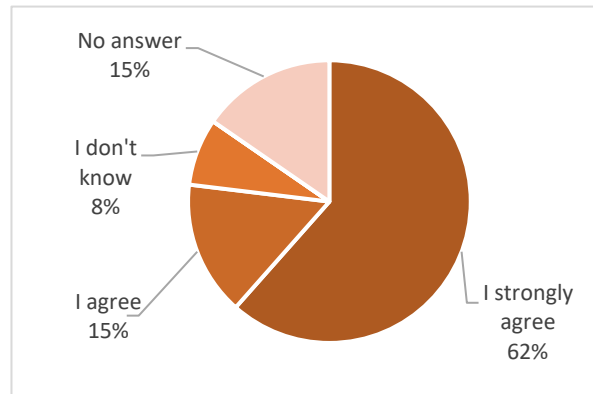
Q2.1 What do you think about the proposed preliminary design layout of Corshellach Energy Storage System?



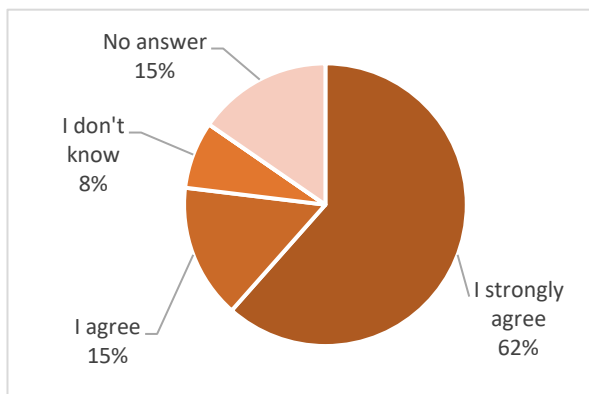
Q3.1 Do you agree that we are facing a global climate change emergency?



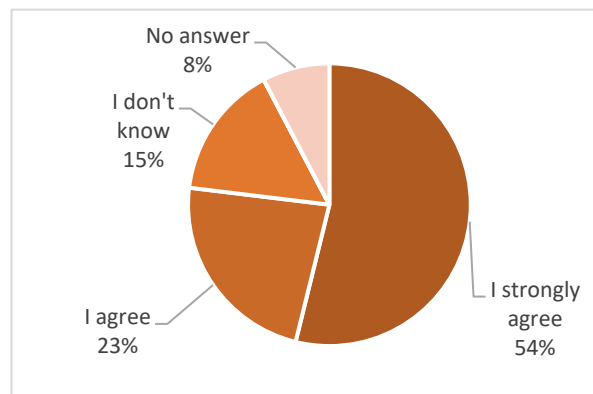
Q3.2 Do you agree that generating electricity from renewable sources, and reducing our reliance on fossil fuels, can help towards tackling the issue of climate change?



Q3.3 Do you agree that generating electricity from renewable sources will provide greater energy independence and security for the UK?



Q3.4 Do you agree that we need to develop energy storage projects to create a more stable and secure electricity system, supporting the rollout of zero carbon energy?



4.2.8 Stakeholder Update – 4th April 2023

On 4th April 2023, the Applicant sent an email to all elected representatives for Forres ward of the LPA and Funderne Community Council to advise them that the second consultation event would now be held during week commencing 8th May 2023. A copy of the updated PAN was attached to the email.

4.2.9 Community Pre-Exhibition Mailing – 2nd May 2023

On 2nd May 2023, the Applicant sent a newsletter, advertising the upcoming second public exhibition, to 41 properties including those identified within 2km of the Proposed Development plus visitors to the first consultation event who had asked to be kept updated on the Proposed Development. A copy of the newsletter can be found at **Appendix F**.

4.2.10 Pre-Exhibition Advertising – 3rd May 2023

The Applicant placed an advertisement which appeared in the Forres Gazette on 3rd May 2023 to help raise awareness of the upcoming second public exhibition. A copy of the advertisement can be found at **Appendix G**.

4.2.11 Email to Elected Representatives – 2nd May 2023

The Applicant sent an email on 3rd May 2023 to all elected representatives for Forres ward of the LPA and Finderne Community Council enclosing the newsletter regarding the upcoming second public exhibition. A copy of the newsletter can be found at **Appendix F**.

4.2.12 Public Exhibition – 11th May 2023

The second public exhibition took place between 3pm and 7.30pm on 11th May 2023 at the Edinkillie Community Hall, Dunphail, Forres, IV36 2QW. Approximately 6 people attended the public exhibition.

A copy of the exhibition boards presented at the public exhibition can be found at **Appendix H** along with a Report on Feedback which refers to the written feedback received from the February 2023 exhibition and how the Applicant has responded to it.

All of the information provided on the exhibition boards at the public exhibition was also published on the project website at www.corshellach-energystorage.co.uk from 11th May 2023.

For people without internet access, hard copies of the exhibition material were available upon request. No requests for hard copies were received.

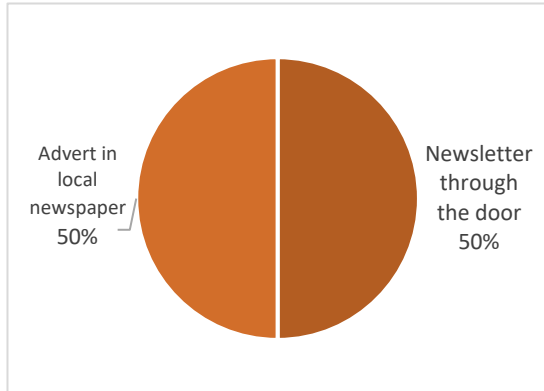
A comment form was provided as part of the public exhibition and online, to encourage feedback from attendees about renewable energy in general and the project design specifically. The comment form was made available as a hard copy at the exhibition or as a downloadable version on the project website. A copy of the comment form can be found at **Appendix I**.

Two completed comment forms were received by the Applicant. Below is a summary of the answers received to the questions on the comment form.

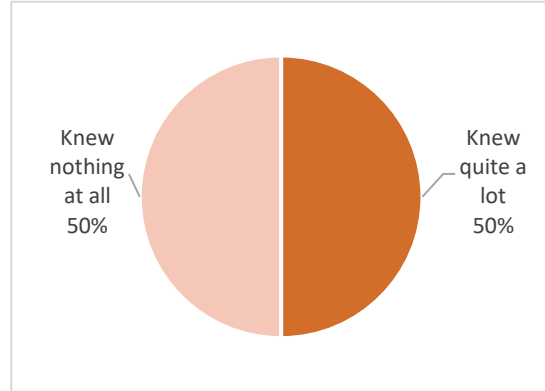
At all stages of the consultation process the Applicant set out clearly the purpose of the consultation and emphasised that comments made were not representations to the determining authority (the LPA) and that there would be the opportunity for representations to be made to the determining authority once the planning application was submitted.

4.2.13 Summary of responses to questions on submitted comment forms

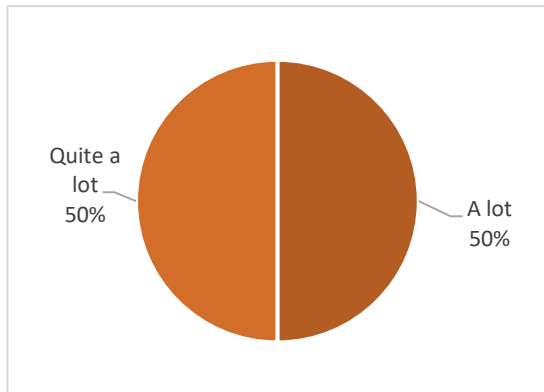
Q1.1 How did you find out about our public exhibition?



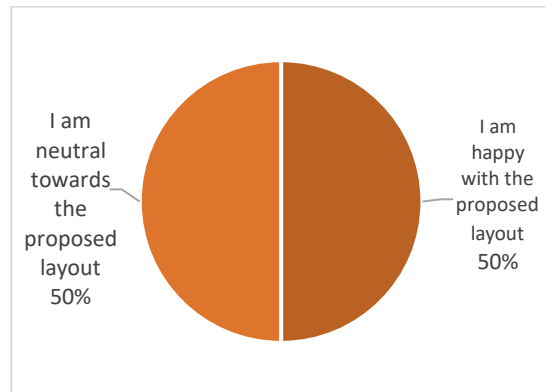
Q1.2 Before visiting the exhibition how would you describe your knowledge of the proposed Corshellach Energy Storage System?



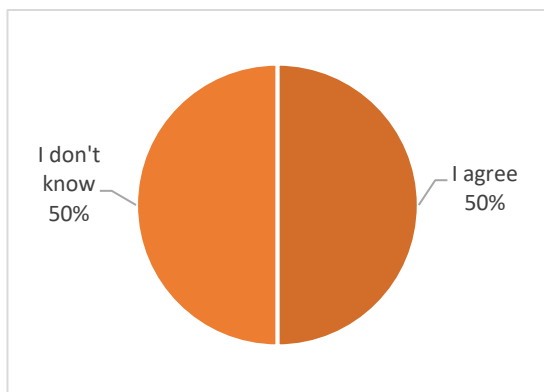
Q1.3 Having visited the exhibition, to what extent do you feel you have increased your understanding about the proposed Corshellach Energy Storage System?



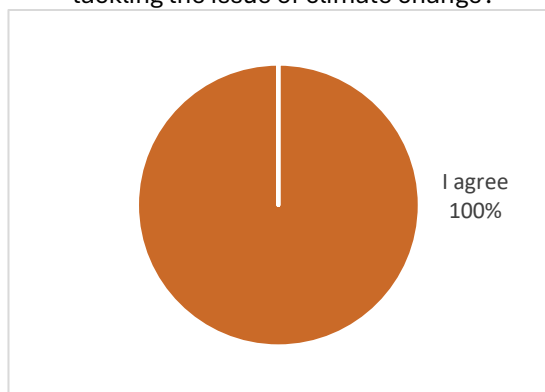
Q2.1 What do you think about the updated design layout of Corshellach Energy Storage System?



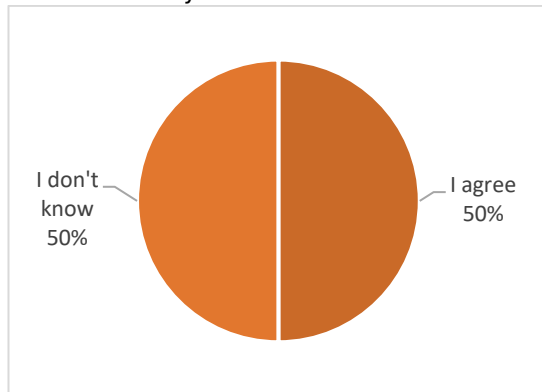
Q3.1 Do you agree that we are facing a global climate change emergency?



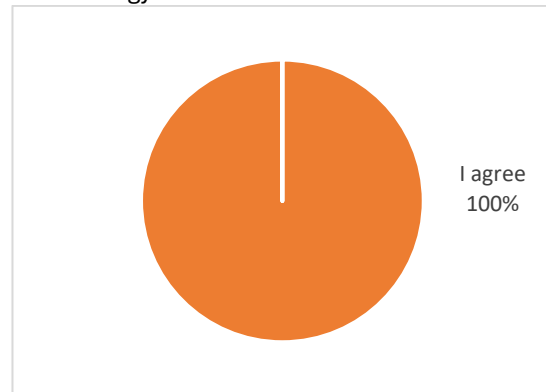
Q3.2 Do you agree that generating electricity from renewable sources, and reducing our reliance on fossil fuels, can help towards tackling the issue of climate change?



Q3.3 Do you agree that generating electricity from renewable sources will provide greater energy independence and security for Scotland?



Q3.4 Do you agree that we need to develop energy storage projects to create a more stable and secure electricity system, supporting the rollout of zero carbon energy?



4.3 Summary of Consultation

In summary, a range of engagement and communication activity was undertaken as part of the pre-application community consultation - reaching both nearest neighbours to the site as well as audiences in the wider area. This activity included:

- Letters to Elected Representatives;
- Advertisements for the public exhibitions in the local press;
- Two newsletters informing local residents about the public consultations;
- Two public exhibitions; and
- Project website.

All feedback received during the pre-application community consultation, through all consultation activities, has been considered by the Applicant throughout the design iteration and pre-planning stages of the Proposed Development. A summary of feedback, issues and concerns raised, together with the Applicant's response to each can be found in section 5.

5. Feedback and Applicant's Response

The Applicant believes in meaningful and effective consultation, to facilitate constructive dialogue with stakeholders and the community. All feedback received through the pre-application consultation activities is considered, as part of the iterative design process. A summary of the feedback received, and the Applicant's response is below.

Sample of Comments Received	Applicant's Response to Issue/Concern
<p><u>Need for the Development</u></p> <p><i>"Important development to secure energy supply"</i></p>	<p>Our energy system is in a transitional period.</p> <p>Ageing infrastructure is being replaced and greater flexibility introduced into our networks via technological advances, such as energy storage, to manage the increasingly complex supply and demand needs of the 21st Century.</p> <p>Energy storage is crucial in enabling the rollout of zero carbon energy and supporting the UK's net-zero emissions target. Renewable energy technologies are needed to replace electricity generation from fossil fuels, however, they can generate electricity intermittently depending on weather conditions, which can cause imbalances in the electricity network.</p> <p>Energy storage works by storing energy at times when generation exceeds demand and then releases electricity back to the electricity network when demand exceeds generation.</p> <p>Energy storage is also considered the fastest technology for responding to a sudden spike in demand or an abrupt loss of supply.</p>
<p><u>Fire Risk</u></p> <p><i>"What fire protection will exist, considering the dangers of li-on batteries of all sizes and especially when a site like this is placed in a rural area with a surrounding high fuel load (i.e. flora) that has already been subject to serious wild fires in recent years?"</i></p> <p><i>"Regarding fire precautions, adjacent undergrowth of heather, broom and gorse should be removed"</i></p>	<p>The proposed battery technology for the Proposed Development is anticipated to be lithium iron phosphate (LFP). LFP has better stability against thermal runaway at higher temperatures compared to some other battery chemistries.</p> <p>Batteries will be specified to be tested and certified to UL 9540A, demonstrating resistance to thermal runaway. Successful testing in accordance with the current edition of U950A will show that, at a unit level following deliberate initiation of thermal runaway:</p> <ul style="list-style-type: none"> • No flaming outside the initiating battery rack observed. • Surface temperatures of modules within the target battery rack adjacent to the initiating battery rack do not exceed the temperature at which thermally initiated cell venting occurs. • Wall surface temperature rise does not exceed a specified temperature above ambient. • Explosion hazards are not observed during the test.

	<p>A number of mitigation measures will also be implemented to further reduce risk from fire. These include:</p> <ul style="list-style-type: none"> • Equipment spacing • Protection systems • Access to battery enclosure • Location of Proposed Development • Access for emergency services. <p>A Fire Risk Statement accompanies the planning application.</p>
<p><u>Recycling</u></p> <p><i>“I would like to know what plans are envisaged for disposal and/or recycling of the materials to be deployed in the scheme at the end of their operating life”</i></p>	<p>The Proposed Development would use proven Lithium iron phosphate battery technology which has already been deployed on multiple storage projects across the UK and in a wide range of other uses including electric vehicles to smartphones.</p> <p>To support sustainable energy storage, the industry is working hard to establish a circular economy for industrial batteries. It is now widely accepted that lithium cannot remain a ‘throwaway’ material; it must be a circular material, recycled and reused indefinitely. There are current directives to ensure battery producers are responsible for minimising harmful effects of waste batteries on the environment and they must accept batteries for recycling and disposal at the end of life.</p> <p>Recovered materials can be used to make new batteries from recycled batteries, reducing manufacturing costs, the quantity of materials sent to landfill and our reliance on mining. As the battery markets grows, there is an increasing number of techniques available for recycling.</p>
<p><u>Visual Impact</u></p> <p><i>“Screening of structures are a good idea, hopefully to the benefit of the local houses”</i></p> <p><i>“Ensure the site is well screened visually”</i></p>	<p>The site of the Proposed Development is outside of any local or national landscape designations and is located a good distance from residential properties.</p> <p>Given the relatively low heights of the proposed development, potential visibility will be largely limited by the existing woodland and vegetation.</p> <p>A Landscape and Visual Assessment (LVA) provides an assessment of the potential effects of the Proposed Development on the existing landscape and visual amenity of the site and the surrounding area and accompanies the planning application. A detailed landscape proposal is included in the LVA with measures which include:</p> <ul style="list-style-type: none"> • Retention and management of the existing native gorse scrub and heathland around the compound as far as practicable.

	<ul style="list-style-type: none"> • This includes translocation of the upland heathland to other areas of the site, maintaining the ecological value of this habitat. • Proposed grassland seed mixes to the proposed infiltration/attenuation pond. <p>Any potential cumulative visual impact with the neighbouring energy storage proposal has been considered as part of the Proposed Development's planning application.</p>
<p>Flood Risk</p> <p><i>“Ensure the run-off pond is adequate to catch drainage”</i></p>	<p>The site is not located within a flood risk zone. The nearest watercourse is the Stripe of Corshellach to the south, which, according to the SEPA flood risk map shows a 0.5-10% chance of annual river flooding, though the area affected is localised to the watercourse itself.</p> <p>Aside from this, there are localised areas of surface water flooding within the area, though none of these occur within the site boundary.</p> <p>A Flood Risk Statement and Drainage Impact Assessment accompanies the planning application and incorporates sustainable drainage systems (SuDS) best practise principles, to ensure no significant impacts are created by the Proposed Development.</p> <p>Drainage measures are also incorporated into the construction phase to ensure that the rate of run-off during construction will not increase the flood risk beyond the site boundary.</p> <p>These measures will also include methods to prevent any suspended sediment entering the watercourse mentioned above. Once completed, the Proposed Development will increase the impermeable area slightly due to the hardstanding area of the battery compound. A surface water attenuation pond and drainage scheme is therefore incorporated into the final development design.</p> <p>With mitigation measures in place, significant impacts associated with flood risk and surface water are not anticipated.</p>
<p>Miscellaneous</p> <p><i>“What wind farms will feed into the site?”</i></p> <p><i>“Who will assess and determine the radiological impact of the site?”</i></p>	<p>Like most energy storage systems of this size, the Proposed Development would not be directly linked to an electricity generating station. The Proposed Development would be connected directly to the wider grid network and the frequency and timing of when the system charges and discharges is therefore dictated by the status of the grid network. The energy storage system will be utilised by National Grid to balance peaks and troughs in energy demand and generation.</p>

	Energy storage systems like the Proposed Development do not have any components that emit ionising radiation. Our equipment is compliant with Electromagnetic Compatibility (EMC) Directive, 2014/30/EU.
--	--

6. Summary

This PAC report sets out the consultation in respect of a full planning application for the Proposed Development near Forres.

The PAC report confirms that all necessary statutory pre-application consultation has been undertaken and shows that the Applicant engaged early with the local community to encourage a constructive consultation process.

Analysis of the comment forms from the first public exhibition has shown that 92% of respondents were happy with or were neutral towards the proposed layout. Analysis of the comment forms from the second public exhibition has shown that 100% of respondents were happy with or were neutral towards the updated layout.

The Applicant is committed to continuing the open dialogue it has established with the local community during pre-application public consultation as the application process continues, as outlined within this PAC Report.

The Proposed Development's website will be updated regularly to enable people to keep up to date with the latest news about the Proposed Development as it progresses. Once the planning application has been validated by the LPA, the Applicant will write to stakeholders and members of the community who have asked to be kept updated on the Proposed Development, to provide them with the planning reference number and contact details for the LPA's Planning Department, should they wish to submit a formal representation.

Appendices

- Appendix A. Letter to elected representatives
- Appendix B. First public exhibition newsletter
- Appendix C. First public exhibition newspaper advert
- Appendix D. First public exhibition boards
- Appendix E. First public exhibition comment form
- Appendix F. Second public exhibition newsletter
- Appendix G. Second public exhibition newspaper advert
- Appendix H. Second public exhibition boards and Report on Feedback
- Appendix I. Second public exhibition comment form

6th February 2023

Dear 

RE: Corshellach Energy Storage Proposal

I am writing to advise that RES is exploring the potential for an energy storage project on land to the west of Berryburn electrical substation (nearest postcode: IV36 2QH) - please see enclosed plan.

RES is the world's largest independent renewable energy company and has been operating from offices in Glasgow since 1993, employing around 120 local people. At the forefront of the renewables industry for 40 years, RES has delivered more than 21GW of renewable energy projects across the globe including the development, construction and asset management of Scotland's first utility-scale battery storage facility, the 20MW Broxburn Energy Storage facility in Broxburn, West Lothian.

Energy storage helps support National Grid by storing energy at times when generation exceeds demand and releasing electricity back to the national grid network when demand exceeds generation, thus creating a more stable and secure electricity system. Increasing the installed capacity of energy storage is essential to enabling and accelerating the rollout of zero carbon energy to support the UK's net-zero emissions target.

At this early stage of the project we have submitted a Proposal of Application Notice (PAN) to Moray Council. We are also undertaking a number of technical and environmental surveys to ensure that any potential impact from the development is appropriately assessed and mitigated. These detailed studies are due to be completed in the coming months ahead of preparing a planning application for submission later this year. A copy of the PAN is enclosed.

RES is committed to engaging early with the local community and key stakeholders to facilitate constructive consultation. Once we have received feedback on the PAN, we will begin a number of consultation activities, including setting up a dedicated project website and holding public exhibitions in order to gather people's feedback on the proposal.

We would welcome the opportunity to arrange a video or telephone call with you, should you wish to discuss the project further or ask any questions. We will also write to you again shortly with further details of the public exhibition events.

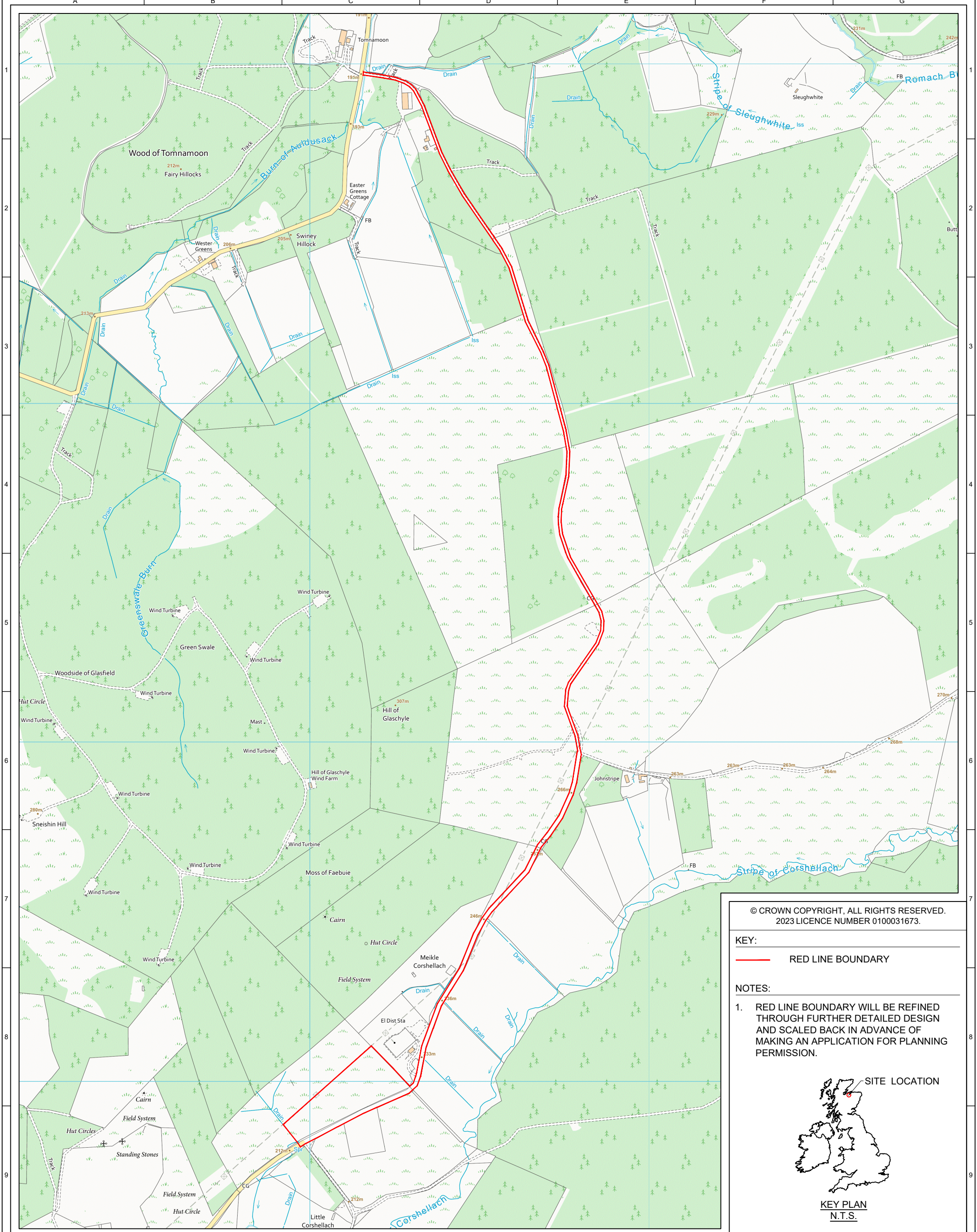
Yours sincerely,




Jenna Folkard

Senior Development Project Manager

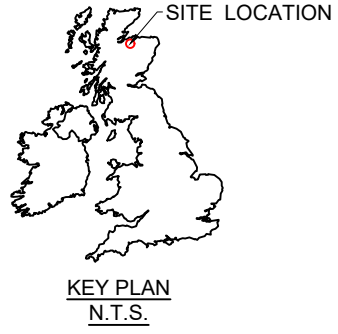
E: jenna.folkard@res-group.com M: +44 7823 340304

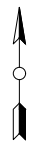


© CROWN COPYRIGHT, ALL RIGHTS RESERVED.
2023 LICENCE NUMBER 0100031673.

KEY:
 **RED LINE BOUNDARY**

NOTES:
 1. RED LINE BOUNDARY WILL BE REFINED THROUGH FURTHER DETAILED DESIGN AND SCALED BACK IN ADVANCE OF MAKING AN APPLICATION FOR PLANNING PERMISSION.





ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
1	BM	BY APPD	JF	2023-01-17	FIRST ISSUE

PROJECT TITLE CORSHELLACH ENERGY STORAGE	
DRAWING TITLE PROPOSAL OF APPLICATION NOTICE	
RES DRAWING NUMBER 04876-RES-LAY-DR-PE-002	REV 1
THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION	

PURPOSE PRELIMINARY	PROJECTION OSGB 1936
SCALE 1:10,000 @A3	DATUM N/A
LAYOUT DRAWING N/A	T-LAYOUT NO N/A
	
BEAUFORT COURT, EGG FARM LANE, KINGS LANGLEY, HERTS WD4 8LR. UK TEL +44 (0) 1923 299200 WWW.RES-GROUP.COM	

For Official Use only

Ref No

Date Recd



MORAY COUNCIL ENVIRONMENTAL SERVICES DEVELOPMENT MANAGEMENT

PROPOSAL OF APPLICATION NOTICE NOTICE UNDER SECTION 35(B) OF THE TOWN AND COUNTRY PLANNING (SCOTLAND) ACT 1997

1 Applicant Contact Details

Name *Jenna Folkard (of Renewable Energy Systems Limited)*

Address *Beaufort Court, Egg Farm Lane, Kings Langley,*

Post Code *WD4 8LR*

Telephone Number *07823340304*

Email Address *jenna.folkard@res-group.com*

2 Agent Contact Details (if applicable)

Name *N/A*

Address _____

Post Code _____

Telephone Number _____

Email Address _____

3 Site Address of Proposed Development

'Corshellach Energy Storage Facility', Land to the west of Berryburn Substation, Moray, Scotland

Post Code (if applicable): *IV36 2QH*

4 Description of Proposed Development (please provide a general description of your proposal, including the nature and scale of the development and gross floor space of buildings where proposed, continue on a separate sheet if required)

Installation of an energy storage facility. The development includes the siting of battery enclosures, power conversion units and transformers, a substation, hard-standing area, fencing, vehicular access, grid connection and ancillary works.

5 Is the proposed development a 'national' or 'major' development (as defined by the Town and Country (Hierarchy of Developments) (Scotland) Regulations 2009?)

National

Major ✓

6 The following details of the proposed development should be submitted to enable an assessment to be made:

- Location Plan, e.g. Ordnance Survey based scale plan 1:2500 (or smaller) showing the outline of the site (this is the extent of and to which the development proposed relates)
- Site Plan, e.g. Ordnance Survey based scale plan 1:500 (or smaller) showing an indicative layout, if available
- Any supporting documents or plans

7 Please give an account of what consultation the applicant proposes to undertake, when such consultation is to take place, with whom and in what form (continue on a separate sheet if required)

Project information letters, with contact details, will be distributed to stakeholders and the local community, including Finnerne Community Council and councillors for the Forres ward, Moray Council. A dedicated project website will be launched and will be updated and remain live throughout the project's development. The first of two public consultation events will be held at Edinkillie Community Hall, Dunphail on Thursday 23rd February 2023, between 3pm and 7.30pm, to enable people to find out more about the project. RES staff will be on hand to answer any questions and comment forms will be available to gather feedback. All information presented at the public exhibition, including the comment form, will also be available on the project website from 23rd February 2023. The public consultation event initiates a consultation period being run by RES to gather comments on the proposal. The closing date for comments on the proposed project is Friday 17th March 2023. The public consultation event will be advertised in the Forres Gazette on Wednesday 15th February 2023.

A second consultation event will be held at Edinkillie Community Hall, Dunphail during week commencing 17th April 2023 to provide an update on the project and will also provide details of feedback received at the first consultation event and how RES has responded to it. A second project information letter will be sent to stakeholders and the local community, including Finnerne Community Council and councillors for the Forres ward, Moray Council, advertising the second consultation event. The second public consultation event will also be advertised in the Forres Gazette on Wednesday 12th April 2023.

A complete PAC report will then be submitted to summarise all consultation events, comments and details of how this has shaped the proposal, as part of any full planning application.

8 Has a copy of this notice been served on the Community Council

YES ✓ NO

If Yes, provide details of the address(es) to which the notice was sent and the date sent.

Finnerne Community Council (Howard Davenport- findernecc@gmail.com)

Date: 06/02/2023

Signed



Date: 06/02/2023

Print Name

Jenna Folkard

Completed forms should be sent to the Development Control Manager, Development Services, Environmental Services Department, The Moray Council, Council Office, High Street, Elgin, IV30 1BX.

Data Protection Act 1998 — The information on this form may be made available for public inspection and may be published on the Council's website.

Application Notice 23rd June 2009

CORSHELLACH ENERGY STORAGE SYSTEM

FEBRUARY 2023



RES is exploring the potential for an energy storage system near Dunphail, south of Forres, Moray.

Environmental and technical surveys will be completed over the coming months to ensure any impact of the development upon the environment, landscape, heritage and local residents is appropriately assessed and mitigated and to inform a preliminary layout and design.

RES is now at the stage of consulting with the local community to get feedback on our early stage proposal. The feedback will be taken into account, along with the results of site surveys and assessments, as we refine the design.

Public Exhibition

We are keen to engage with the local community and as part of our pre-application consultation we are holding a public exhibition in the local area to share information on the preliminary design and to enable you to provide us with your feedback.

RES staff will be on hand to answer any questions or for more information, and comment forms will be available to gather feedback.



Thursday 23rd February 2023
3pm to 7:30pm

Edinkillie Community Hall
Dunphail, Forres, IV36 2QW

All information provided at the public exhibition will also be available at

www.corshellach-energystorage.co.uk

from 23rd February 2023.

The public exhibition initiates a consultation period being run by RES to gather comments on the proposal. **The closing date for comments is Friday 17th March 2023.**

Comments will still be accepted after this date but may not be considered in relation to the design development. Comments forms will be available at the public exhibition. Comment forms will also be available on the website above from the day of the exhibition and can be submitted via post or email to carey.green@res-group.com. Hard copies can be sent by post to RES, Third Floor, STV, Pacific Quay, Glasgow, G51 1PQ.

Please note that comments submitted to RES at this time are not representations to the determining authority (Moray Council). There will be an opportunity to submit representations to the determining authority should an application be made.

What is an Energy Storage System?

Increasing the installed capacity of energy storage is essential to enabling and accelerating the rollout of zero carbon energy to support the UK's net-zero emissions target.



Broxburn Energy Storage System

Renewable energy technologies are needed to replace electricity generation from fossil fuels, however, they generate electricity intermittently depending on weather conditions. This causes problems for the national grid network which must be finely balanced; electrical demand must match electrical generation at all times. If this balance is not achieved, it can lead to blackouts and the failure of grid circuits.

Our electricity system is in a transitional period to manage these increasingly complex supply and demand needs of the 21st Century, and energy storage systems will play a key part by maintaining this balance.

Energy storage helps support National Grid by storing energy at times when generation exceeds demand and releasing electricity back to the national grid network when demand exceeds generation. Electricity is not physically generated on site.

About RES

RES, a British company, is the world's largest independent renewable energy company with operations across Europe, the Americas and Asia-Pacific. At the forefront of renewable energy development for over 40 years, RES has developed and/or built more than 23GW of renewable energy capacity worldwide.

Across the UK and Ireland, RES has developed over 400MW of energy storage projects including the development, construction and asset management of Scotland's first utility scale battery storage facility, the 20MW Broxburn Energy Storage facility in Broxburn, West Lothian.



Jenna Folkard
Development Project Manager
✉ jenna.folkard@res-group.com
☎ 07823 340 304



Carey Green
Community Relations Manager
✉ carey.green@res-group.com
☎ 01872 226 931

RES, Third Floor, STV, Pacific Quay, Glasgow, G51 1PQ

If you require information in Braille, large text or audio, please let us know.

Claim Moray being 'left behind'

A FREEDOM of Information request has revealed that almost 4900 properties in Moray are yet to be connected to superfast broadband.

The Scottish Government's R100 broadband programme aimed to provide superfast broadband to everyone by 2021 but the expectation is that this target will not be met until 2028.

The FOI response, received by Moray MP Douglas Ross, shows that 4888 properties in Moray are still waiting.

Mr Ross claims that the region is in danger of being left behind and communities and businesses will miss out.

He said: "Trying to work with slow connections is a burden on businesses and frustrating for households. The region is in danger of missing out on new opportunities and investment if interested parties can access quicker broadband elsewhere."

The programme was a UK government plan but adopted by the Scottish Government.

Despite the delay, the Scottish Government announced a £36 million extension of the scheme covering an additional 2637 properties.

Compost scheme to launch at Bogton

By Garry McCartney
garrymccartney@inmedia.co.uk

A local food growing project has received a welcome financial boost.

Transition Town Forres (TTF) on Bogton Road will invest a grant of £4594 from the Just Transition Participatory Budget Fund in a Forres community composting project, to enable and educate on how to best use garden and food waste.

The funding will be used to buy five hot bin composters, a wormery, a wood chipper and three large composting bays.

TTF volunteer, Kelly Warren, explained that compost used by gardeners to improve their crops also reduces refuse collections and CO2 emissions, as well as saves energy.

She said: "We are delighted that so many supporters voted to enable the funding of our project and grateful to the various folks involved. The compost will be used by gardeners for themselves and to grow vegetables for the Big Blue Bus, Moray Food Plus' mobile food pantry and Forres Area Community Trust's Pop-up Food Pantry. Composted materials will come from the community garden, TTF café and food waste from participants' homes,



Groups including Forres In Bloom, Findhorn Bay Arts and Forres Friends of Woods and Fields have used compost from Transition Town Forres.

and a wood chipper will turn hedge trimmings into suitable sized chips for composting."

The project will serve as an educational resource, educating on aspects of composting including showing how worms interact with waste food to produce valuable

materials.

TTF's next Games Night is planned for Friday, February 17 from 7-9pm. There will be board and card games available but attendees are welcome to bring their own. Entry for adults is £1 - anyone under 15 can go free. The next



Mucking in at Bogton.

TTF Repair Cafe and 'Tattie Day' is on Saturday, February 18 from 11am-3pm. Certified organic and heritage seed potatoes will be for sale. There will also be a garden pot and seed swap, item mending, as well as soup and deserts. TTF is also hosting three Climate Cafes: 'Transporting Communities', on Thursday, February 23; 'Waste and Recycling' on Thursday, March 16, and a Youth Cafe on Friday, March 31. All will run from 6-9pm.

Following dinner there will be discussions with the speakers and guests around the topic. The events are free and open to everyone but seating is limited so registration is required at Eventbrite.

Call 01309 358010 or email ttforres@gmail.com for more information.



Union member David Eddie, Mairi McCallum (Moray Food Plus project manager) and Karen Donaldson (Union Moray branch secretary).
Picture: Daniel Forsyth

Union raises £1k for charity

A LOCAL trade union has donated a four-figure sum to Moray's food bank.

Union Moray, which represents Moray Council and third sector employees, handed over £1000 to Moray Food Plus.

Branch secretary Karen Donaldson said the trade union's aim was to support the growing number of people who use the facility - including many who are in employment.

"We are conscious of the fantastic work that Moray Food Plus do locally and wanted to support them," she said.

"We wanted to do something to support our local members during the cost-of-living

crisis and we know how high the number of people using the food bank is."

Last year, Union Moray donated funds to Moray Girls Football Club.

Moray Food Plus has continued to see record numbers of referrals. An unprecedented number of people used the service in December - more than ever before.

Mairi McCallum, project manager at Moray Food Plus, said: "We are delighted that Union Moray have chosen to support us with their fantastic £1000 donation. We experienced our busiest December ever supporting over 1400 people with demand continuing into January."

Corshellach Energy Storage System Public Exhibition



RES is exploring the potential for an energy storage system near Dunphail, south of Forres, Moray.

We are keen to engage with the local community and as part of our pre-application consultation we are holding a public exhibition in the local area to enable people to find out more about the early stage proposal and provide us with their views. RES staff will be on hand to answer any questions and comment forms will be available to gather feedback.



Thursday 23rd February

3pm to 7.30pm

Edinkillie Community Hall
Dunphail, Forres, IV36 2QW

All information provided at the exhibition will also be available at www.corshellach-energystorage.co.uk from 23rd February 2023. The exhibition initiates a consultation period run by RES to gather comments on the proposal. **The closing date for comments is Friday 17th March 2023.**

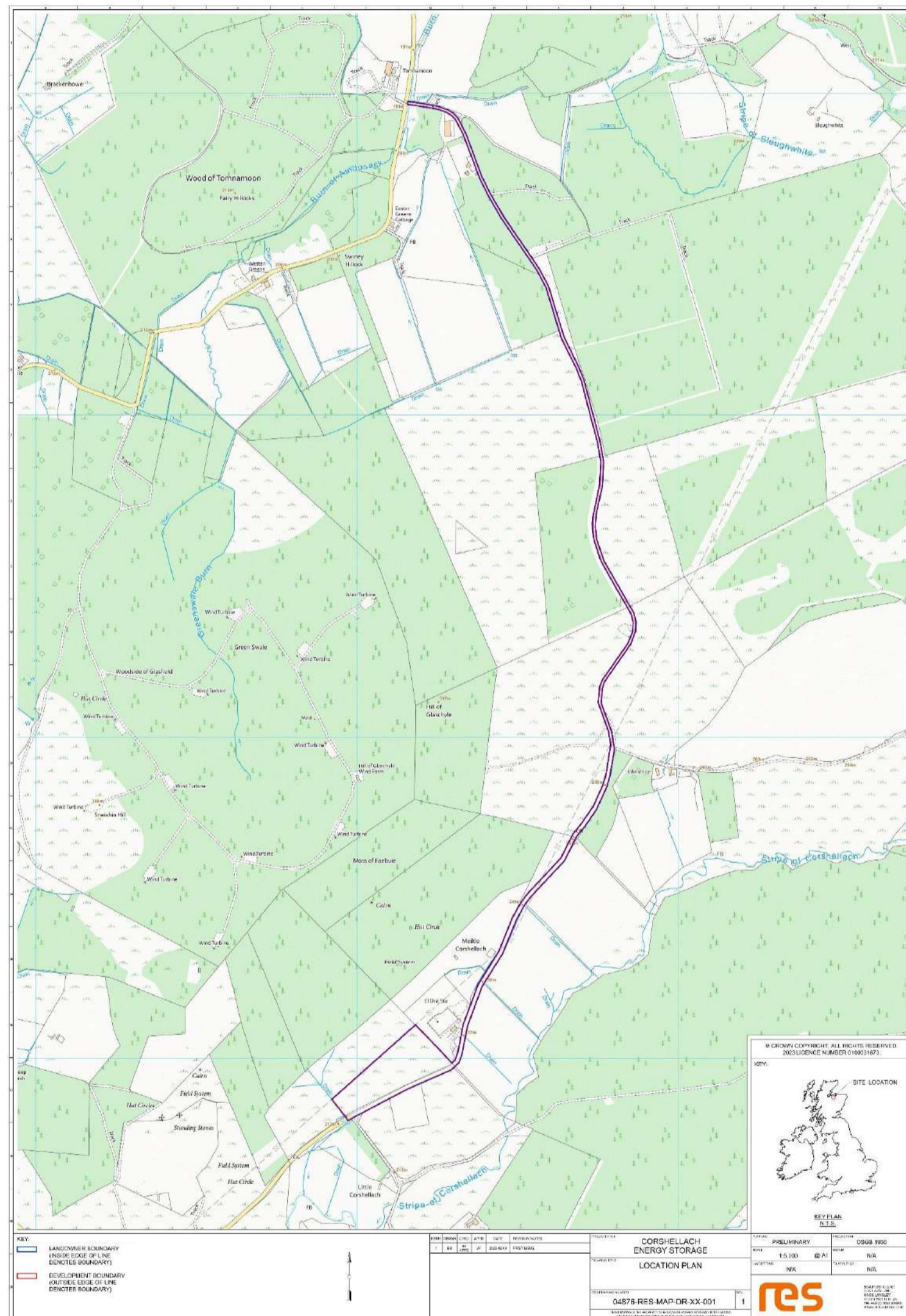
Comments will still be accepted after this date but may not be considered in relation to the design development. Comments forms will be available at the public exhibition. Comment forms will also be available on the website above from the day of the exhibition and can be submitted via post or email to carey.green@res-group.com. Hard copies can be sent by post to RES, Third Floor, STV, Pacific Quay, Glasgow, G51 1PQ.

Please note that comments submitted to RES at this time are not representations to the determining authority (Moray Council). There will be an opportunity to submit representations to the determining authority should an application be made.

About the Project

Site Location

RES is exploring the potential for an energy storage project on land adjacent to the Berryburn Electricity Substation, near Dunphail, south of Forres, Moray. The plan below shows the site location.



Project Overview

The energy storage project is expected to cover a total area of 2 to 3 hectares and have a capacity of 49.9MW.

The site lies outside of any international, national or local environmental designations and there are no nationally important heritage designations in the immediate vicinity.

Environmental Considerations

RES will design the energy storage system so that it will fit sensitively in the surrounding landscape.

A number of assessments will be carried out to ensure any potential impact upon the environment, landscape, heritage and local residents is appropriately assessed and mitigated.

The assessments to be carried out will include:

- Ecology
- Landscape
- Heritage & Archaeology
- Flood Risk & Surface Water Management
- Cumulative Impacts
- Noise & Vibration



Biodiversity Enhancement

The Corshellach project will be specifically designed to include planting of native trees, hedgerows and wildflower grass areas. These will not only reduce potential visibility of the scheme but also help to enhance biodiversity by providing wildlife corridors and vital resources for mammals, birds, and insect species.

Have Your Say

We believe in meaningful and effective consultation.

The aims of our consultation process are to:

- Engage early with the local community to facilitate a constructive consultation process to help identify and understand concerns.
- Assist the local community in understanding the benefits and potential impacts of the proposed energy storage system.
- Add value and improve the quality of our proposal through meaningful and productive consultation.



Before we submit a planning application, we will create a Pre-Application Consultation Report (PAC), that documents the community engagement process and any steps we have taken to adapt our proposal.

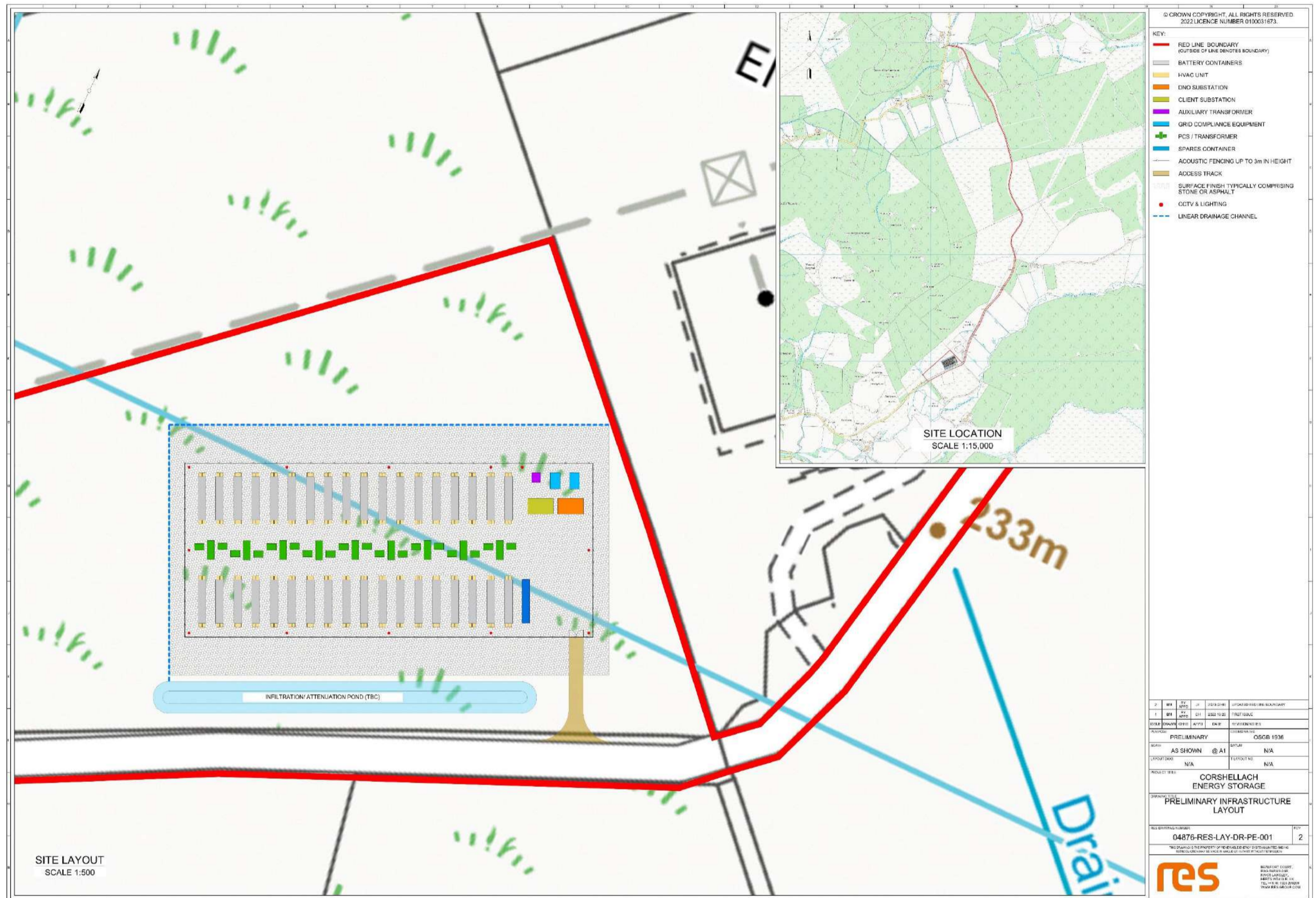
At this stage we are inviting the local community to submit comments directly to RES. If an application is submitted there will be the opportunity to submit representations to the determining Planning Authority at that time.

We are keen to understand your views on the proposal and the information available at this exhibition.

Please take a few minutes to fill out a feedback form with your comments.

Design Layout and Infrastructure

The plan below shows the preliminary layout for the 49.9MW Corshellach Energy Storage project. We are currently consulting on this layout and as such it is subject to change.



The proposed system is a containerised scheme, involving proven lithium ion battery technology which RES has deployed at multiple projects around the world.

The infrastructure would include:

- Battery enclosures
- Power Conversion Systems and Transformers
- Customer Substation
- Auxiliary Transformer
- Grid Compliance Equipment
- Grid Connection Infrastructure
- Security System
- Drainage Scheme
- Landscaping

Why Energy Storage?

Our energy system is in a transitional period.

Ageing infrastructure is being replaced and greater flexibility introduced into our networks via technological advances, such as energy storage, to manage the increasingly complex supply and demand needs of the 21st Century.

Energy storage is crucial in enabling the rollout of zero carbon energy and supporting the UK's net-zero emissions target.



Renewable energy technologies are needed to replace electricity generation from fossil fuels, however, they can generate electricity intermittently depending on weather conditions, which can cause imbalances in the electricity network.

Energy storage works by storing energy at times when generation exceeds demand and then releases electricity back to the electricity network when demand exceeds generation.

Electricity is not physically generated on site.

RES believes in meaningful and productive consultation, and we aim to engage early with the local community and key stakeholders in order to facilitate constructive consultation. This helps to identify issues and concerns, as well as benefits and opportunities, which we can then consider when developing the design of the proposal.

At the Public Exhibition we have presented preliminary design drawings. Feedback from the local community on the preliminary design is an important part of our pre-application consultation and we would be grateful if you could take the time to fill out this comments form with your feedback. The closing date for comments on the preliminary design is **17th March 2023**. Comments will still be accepted after this date but may not be considered in relation to the design development.

Please note that comments submitted to RES at this time are not representations to the determining authority (Moray Council). There will be an opportunity to submit representations to the determining authority should an application be made.

1 Coshellach Energy Storage System public exhibition

1.1 How did you find out about our public exhibition?

- Newsletter through the door
- Advert in local newspaper
- Project website - www.corshellach-energystorage.co.uk
- Word of mouth
- Other (please specify)

1.2 Before visiting the exhibition how would you describe your knowledge of the proposed Corshellach Energy Storage System?

- Knew a lot
- Knew quite a lot
- Knew a little
- Knew very little
- Knew nothing at all

1.3 Having visited the exhibition, to what extent do you feel you have increased your understanding about the proposed Corshellach Energy Storage System?

- A lot
- Quite a lot
- A little
- Very little
- Nothing at all

1.4 Do you have any suggestions for ways in which we could have improved our exhibition?

2 Corshellach Energy Storage System Proposal

Your views on the Corshellach Energy Storage System proposal - specifically the preliminary layout of the project where people's comments can have a direct influence - will be considered in relation to the design development of the project.

2.1 What do you think about the proposed preliminary design layout of Corshellach Energy Storage System?

- I am happy with the proposed layout
- I am neutral towards the proposed layout
- I have concerns about the proposed layout

Further comments:

2.2 Please provide us with any further suggestions or comments regarding the proposed Corshellach Energy Storage System

3 Climate change, energy security and renewables

The below section is optional and designed to help us understand people's thoughts on how renewables can help to tackle climate change and improve energy security.

3.1 Do you agree that we are facing a global climate change emergency?

- I strongly agree
- I agree
- I don't know
- I disagree
- I strongly disagree

Further comments:

3.2 Do you agree that generating electricity from renewable sources, and reducing our reliance on fossil fuels, can help towards tackling the issue of climate change?

- I strongly agree
- I agree
- I don't know
- I disagree
- I strongly disagree

Further comments:

3.3 Do you agree that generating electricity from renewable sources will provide greater energy independence and security for the UK?

- I strongly agree
- I agree
- I don't know
- I disagree
- I strongly disagree

Further comments:

3.4 Do you agree that we need to develop energy storage projects to create a more stable and secure electricity system, supporting the rollout of zero carbon energy?

I strongly agree

I agree

I don't know

I disagree

I strongly disagree

Further comments:

4 Your details

Please provide your name and contact details below.

Your contact details will be treated by RES with the strictest of confidence, in line with the General Data Protection Regulations (GDPR) 2018. We may at times share your contact details, in confidence, with third parties who we employ to help process your comments or update you on the project and by providing your details below you consent to this. You may write to RES at any time to ask that your contact details be removed from our records and from any third parties we work with.

Name	
Email	
Address	
Telephone Number	

If you would like to be kept up to date with the project, please tick this box

When you have completed the comments form, please send by email to carey.green@res-group.com or by post to: Corshellach Energy Storage System Project Team, RES, Third Floor, STV, Pacific Quay, Glasgow, G51 1PQ.

Thank you for taking the time to complete this comments form, your feedback is important to us.

Corsellach Energy Storage System Public Exhibition

MAY 2023



Since our public exhibition in February where we presented our plans for an energy storage system near Dunphail, south of Forres, Moray, we have been refining the design in response to feedback received and ongoing surveys.

Public Exhibition

On 11th May, we will be holding a second public exhibition in the local area to present the updated plans for the energy storage system.

RES staff will be on hand to answer any questions or for more information, and comment forms will be available to gather feedback.



Thursday 11th May 2023

3pm to 7:30pm

Edinkillie Community Hall
Dunphail, Forres, IV36 2QW

All information provided at the public exhibition will also be available at

www.corshellach-energystorage.co.uk

from 11th May 2023.

We welcome feedback on the updated plans and comments forms will be available at the public exhibition. Comment forms will also be available on the website above from the day of the exhibition and can be submitted via post or email to carey.green@res-group.com. Hard copies can be sent by post to RES, Third Floor, STV, Pacific Quay, Glasgow, G51 1PQ.

The closing date for comments is **Friday 26th May 2023**.

Comments will still be accepted after this date but may not be considered in relation to the design development.

Please note that comments submitted to RES at this time are not representations to the determining authority (Moray Council). There will be an opportunity to submit representations to the determining authority should an application be made.

Corshellach Energy Storage System at a Glance

The Corshellach Energy Storage System would comprise a number of battery storage enclosures and associated infrastructure to provide approximately 49.9MW of storage capacity. Corshellach could support National Grid by storing energy at times when generation exceeds demand and releasing electricity back to the national grid network when demand exceeds generation. Electricity is not physically generated on site.

Environmental surveys and technical studies have been undertaken over the last few months including:

- » Ecology
- » Landscape & Visual
- » Transport
- » Noise
- » Flood Risk
- » Archaeology & Heritage Assessment

The findings from these assessments have been used to help develop the design in relation to environmental considerations.

The Corshellach project will also be specifically designed to include planting of native trees, hedgerows and wildflower grass areas. These will not only reduce potential visibility of the scheme but also help to enhance biodiversity by providing wildlife corridors and vital resources for mammals, birds, and insect species.

About RES

RES, a British company, is the world's largest independent renewable energy company with operations across Europe, the Americas and Asia-Pacific. At the forefront of renewable energy development for over 40 years, RES has developed and/or built more than 23GW of renewable energy capacity worldwide.

At the forefront of renewable energy development for 40 years, RES has developed and/or built more than 23GW of renewable energy capacity worldwide including the development, construction and asset management of Scotland's first utility-scale battery storage facility, the 20MW Broxburn Energy Storage facility in Broxburn, West Lothian.



Jenna Folkard
Development Project Manager

✉ jenna.folkard@res-group.com
☎ 07823 340 304



Carey Green
Community Relations Manager

✉ carey.green@res-group.com
☎ 01872 226 931



Keeping fit step by step



From left: Susan Ross, Lindsay Baikie, Alison Bagnall, Kris Cedermark and Kim Emmerson at the Ballet for Beginners class

A former professional dancer who performed on the international stage is now helping local folk stay healthy.

Fiona Hay has been running 'Ballet for Older People' at St Leonard's Church Hall since 2019, offering three classes-a-week on Mondays at 11am, 12.30pm and 6.30pm to attendees aged from 53 to 80-years-old with a range of abilities.

She said: "The morning class suits the demographic who don't like dark winter nights, while the midday class is for beginners. The early-evening class suits older people who are still in work."

"Some members have been attending since the classes started!"

Fiona trained at the Royal Ballet (Lower) School from the age of 10, then at The Rambert School of Dance learning classical ballet and contemporary dance techniques.

She went on to be a professional dancer of both dance forms, working with dance companies in the UK and abroad.

Latterly Fiona worked for Scottish Ballet's Education Unit as an outreach worker/dance artist in residence for Highland Council.

More recently, she undertook training with the Royal Academy of Dance to adapt ballet classes for older people.

Research shows that 75 per cent of factors affecting quality of life and longevity are related to lifestyle - only 25 per cent are hereditary. Dance can help ensure a longer and better quality of life.

It is known to increase energy levels, reduce stress, support weight loss, reduce the risk of cardiovascular disease, improve the immune system, diminish symptoms of depression, improve balance, increase cognitive ability and may even help stave off dementia.



Alison Bagnall at the Ballet for Beginners class held at St Leonard's Church in Forres.

Pictures: Beth Taylor

Fiona said: "With age, muscle power becomes less effective and can affect balance, co-ordination and other physical skills. Ballet is a creative and imaginative way to counteract the effects. It is also an expressive art form, not just exercise."

Lesley Mawhinnie (53) attends the early evening class. She said: "I love being immersed in dance at the end of a day of work, especially if it has been difficult or demanding! I'm taken back to memories of my happy childhood attending ballet classes. I definitely feel more supple through attending."

Ballet for Older People restarted on Monday, April 24 after a break for Easter. Call Fiona on 01309676334 for more information.

Carol Pope (80) is a fan of Fiona's teaching at the mid-morning class. "I enjoy the camaraderie," she said. "The exercise is great for posture, suppleness and co-ordination but

Corsellach Energy Storage System Public Exhibition



Since our public exhibition in February where we presented our plans for an energy storage system near Dunphail, south of Forres, Moray, we have been refining the design in response to feedback received and ongoing surveys.

We will be holding a second public exhibition in the local area to present the updated plans for the energy storage system. RES staff will be on hand to answer any questions and comment forms will be available to gather feedback.

All information provided at the public exhibition will also be available at

www.corsellach-energystorage.co.uk from 11th May 2023.

We welcome feedback on the updated plans and comments forms will be available at the public exhibition. Comment forms will also be available on the website above from the day of the exhibition and can be submitted via post or email to carey.green@res-group.com. Hard copies can be sent by post to RES, Third Floor, STV, Pacific Quay, Glasgow, G51 1PQ.

The closing date for comments is Friday 26th May 2023.

Comments will still be accepted after this date but may not be considered in relation to the design development.

Please note that comments submitted to RES at this time are not representations to the determining authority (Moray Council). There will be an opportunity to submit representations to the determining authority should an application be made.



Thursday 11th May 2023

3pm to 7.30pm

**Edinkillie Community Hall
Dunphail, Forres, IV36 2QW**

For more information please visit our website at
www.corsellach-energystorage.co.uk

About the Project

Site Location

RES is exploring the potential for an energy storage project on land adjacent to the Berryburn Electricity Substation, near Dunphail, south of Forres, Moray. The plan below shows the site location.



Project Overview

The energy storage project is expected to cover a total area of 2 to 3 hectares and have a capacity of 49.9MW.

The site lies outside of any international, national or local environmental designations and there are no nationally important heritage designations in the immediate vicinity.

Environmental Considerations

RES are designing the energy storage system so that it will fit sensitively in the surrounding landscape.

A number of surveys and assessments have been carried out to ensure any potential impact upon the environment, landscape, heritage and local residents is appropriately assessed and mitigated.

The assessments carried out include:

- Ecology
- Landscape
- Heritage & Archaeology
- Flood Risk & Surface Water Management
- Cumulative Impacts
- Noise & Vibration
- Transport

The surveys and assessments will accompany the planning application which we hope to submit later this year.



Biodiversity Enhancement

The Corshellach project will be specifically designed to include planting of native trees, hedgerows and wildflower grass areas. These will not only reduce potential visibility of the scheme but also help to enhance biodiversity by providing wildlife corridors and vital resources for mammals, birds, and insect species.

A Landscape Masterplan will also accompany the planning application which sets out measures to protect existing vegetation, proposed species and specifications for new vegetation, and any standards to be adhered to. In addition, the Landscape Masterplan will provide information on the timings and aftercare regime for all planting.

Have Your Say

We believe in meaningful and effective consultation.

The aims of our consultation process are to:

- Engage early with the local community to facilitate a constructive consultation process to help identify and understand concerns.
- Assist the local community in understanding the benefits and potential impacts of the proposed energy storage system.
- Add value and improve the quality of our proposal through meaningful and productive consultation.



Before we submit a planning application, we will create a Pre-Application Consultation Report (PAC), that documents the community engagement process and any steps we have taken to adapt our proposal.

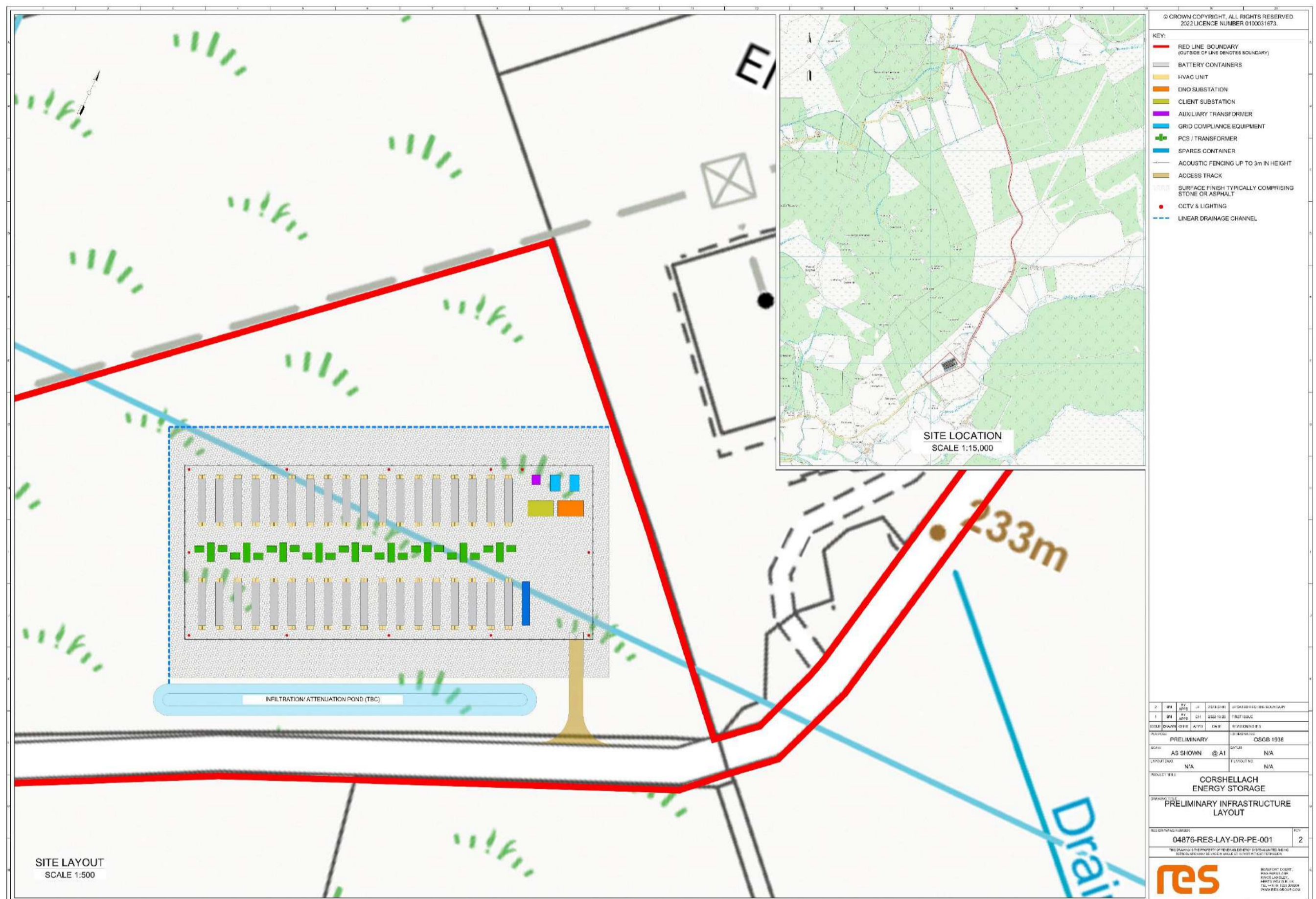
At this stage we are inviting the local community to submit comments directly to RES. If an application is submitted there will be the opportunity to submit representations to the determining Planning Authority at that time.

We are keen to understand your views on the proposal and the information available at this exhibition.

Please take a few minutes to fill out a feedback form with your comments.

Design Layout and Infrastructure

The plan below shows the current layout for the 49.9MW Corshellach Energy Storage project. Final surveys are still underway and as such the layout is still subject to change.



The proposed system is a containerised scheme, involving proven lithium ion battery technology which RES has deployed at multiple projects around the world.

The infrastructure would include:

- Battery enclosures
- Power Conversion Systems and Transformers
- Customer Substation
- Auxiliary Transformer
- Grid Compliance Equipment
- Grid Connection Infrastructure
- Security System
- Drainage Scheme
- Landscaping

Traffic and Access

We are proposing that all delivery traffic will access the site via the existing access through the Altyre estate, which runs north-south from the A940.

This route avoiding the narrow Divie Viaduct to the west and has previously been approved for use for windfarm construction.

The plan below shows the proposed transport route.



Throughout the construction phase there will be a combination of HGVs (for the component and material deliveries) and cars/vans (for construction staff), on site. Typically, there is peak HGV movements during the first few weeks of construction whilst car/van movements are expected to be constant throughout.

A Transport Statement will accompany the planning application which will outline the overall framework for managing the safe movement of construction and delivery traffic as well as itemising the expected number of traffic movements and timing restrictions.

Why Energy Storage?

Our energy system is in a transitional period.

Ageing infrastructure is being replaced and greater flexibility introduced into our networks via technological advances, such as energy storage, to manage the increasingly complex supply and demand needs of the 21st Century.

Energy storage is crucial in enabling the rollout of zero carbon energy and supporting the UK's net-zero emissions target.



Renewable energy technologies are needed to replace electricity generation from fossil fuels, however, they can generate electricity intermittently depending on weather conditions, which can cause imbalances in the electricity network.

Energy storage works by storing energy at times when generation exceeds demand and then releases electricity back to the electricity network when demand exceeds generation.

Electricity is not physically generated on site.

To support sustainable energy storage, the industry is working hard to establish a circular economy for industrial batteries. It is now widely accepted that lithium cannot remain a 'throwaway' material; it must be a circular material, recycled and reused indefinitely. There are current directives to ensure battery producers are responsible for minimising harmful effects of waste batteries on the environment and they must accept batteries for recycling and disposal at the end of life.

Recovered materials can be used to make new batteries from recycled batteries, reducing manufacturing costs, the quantity of materials sent to landfill and our reliance on mining. As the battery markets grows, we are already seeing the number of techniques available for recycling increase.

RES has considerable experience in developing energy storage projects throughout the UK and believes in the importance of community consultation to identify issues and concerns, as well as benefits and opportunities, which can be considered when developing and designing a project.

We encourage early involvement with the community and invite feedback on the proposal, at a time when it can inform the project design.

At our public consultation event in February 2023, we asked visitors to complete a comments form regarding the proposed Corshellach Energy Storage project. This information sheet summarises the feedback we received and how we have responded to it.

NEED FOR THE DEVELOPMENT

Comment(s) received:

“Important development to secure energy supply”

RES response:

Energy storage will be a key part in managing the increasingly complex supply and demand needs of the 21st Century.

Enabling and accelerating the rollout of renewable energy is needed to support the UK’s energy security and net-zero emissions target, however, they generate electricity intermittently depending on weather conditions. This causes problems for the national grid network which must be finely balanced; electrical demand must match electrical generation at all times. If this balance is not achieved, it can lead to blackouts and the failure of grid circuits. Energy storage helps National Grid to achieve this balance by storing energy at times when generation exceeds demand and releasing electricity back to the grid network when demand exceeds generation.



GRID CONNECTION

Comment(s) received:

“What wind farms will feed into the site, and through what transmission means i.e. over or under ground connections?”

RES response:

The proposed Corshellach Energy Storage project is a standalone system, which means it is directly connected to the grid network rather than to a specific generation source, such as the adjacent wind farms.

The system would store energy taken directly from the grid network which consists of a national mix of generation sources. However, given the proximity of multiple windfarms, it is logical that the mix will be predominantly wind.

The system will be connected via underground cables to Berryburn substation.

HEALTH AND SAFETY

Comment(s) received:

“Who will assess and determine the radiological impact of the site”

“What fire protection will exist, considering the dangers of l-on batteries of all sizes and especially when a site like this is placed in a rural area with a surrounding high fuel load (i.e. flora) that has already been subject to serious wild fires in recent years?”

“Regarding fire precautions, adjacent undergrowth of heather, broom and gorse should be removed”

RES response:

RES has commissioned a large number of environmental and technical surveys, utilising external experts where required. The results of all surveys will be included in the formal planning submission.

The proposed development would use Lithium-ion battery technology which has already been deployed on multiple storage projects across the UK and in a wide range of other uses including electric vehicles to smartphones. There are significant mitigation measures in place to reduce any potential fire risk considerably. These include:

- Battery technology must pass an industry test standard which ensures there is no likelihood of explosion, fire would be contained within the affected battery rack and wall surfaces around the affected battery rack would not reach temperatures 60 degrees above existing temperature.
- Battery systems must also comply with a European Standard (IEC 62485-5:2020) containing tests to ensure no external fires are allowed outside of the affected battery rack.
- Fire suppression systems are fitted on each battery container.
- 24/7 monitoring undertaken from an offsite control centre.
- Battery enclosures will have a fire rating of a minimum of 90 minutes.
- Any battery failures are repaired offsite with a new sealed module to replace the faulty module
- A fire management response plan will be prepared in conjunction with the battery supplier and the local Fire Service, if the scheme is consented.



RECYCLING

Comment(s) received:

“I would like to know what plans are envisaged for disposal and/or recycling of the materials to be deployed in the scheme at the end of their operating life?”

RES response:

The Corshellach Energy Storage Project would use Lithium-ion battery technology which has already been deployed on multiple storage projects across the UK and in a wide range of other uses including electric vehicles to smartphones.

To support sustainable energy storage, the industry is working hard to establish a circular economy for industrial batteries. It is now widely accepted that lithium cannot remain a ‘throwaway’ material; it must be a circular material, recycled and reused indefinitely. There are current directives to ensure battery producers are responsible for minimising harmful effects of waste batteries on the environment and they must accept batteries for recycling and disposal at the end of life.

Recovered materials can be used to make new batteries from recycled batteries, reducing manufacturing costs, the quantity of materials sent to landfill and our reliance on mining. As the battery markets grows, we are already seeing the number of techniques available for recycling increase.

LANDSCAPE AND VISUAL

Comment(s) received:

“Screening of structures are a good idea, hopefully to the benefit of the local houses. As long as the site does not expand further.”

“Ensure the site is well screened visually”

RES response:

The site is well contained by the existing woodland to the north and northwest. There is a general fall across the site toward the south, leaving it partially exposed to views from this angle. However, there is a patch of woodland to the immediate south which will reduce exposure from this direction.

Any views of the scheme will be seen in conjunction with the existing Berryburn Electrical Substation and pylons/overhead lines which cross this area, as well as the operational Hill of Glaschyle Windfarm located approximately 750m to the northwest of the site.

Additional screening will be proposed in the form of grassed soil bunds, the infilling of hedgerows and new native woodland planting which would further reduce potential visibility. Any formal planning application will be supported by a detailed Landscape Masterplan.

Given the location of the development in relative isolation from built up areas, the proposed development is unlikely to create any significant impacts on the landscape character or visual amenity of the local area and is unlikely to change the area’s key landscape characteristics.

CONSULTATION

Comment(s) received:

“Larger scale maps to show location with respect to communities”

“Info gleaned online as couldn’t attend the drop-in session - regarding the actual event itself, more should’ve been done to advertise the event”

“More notice of the event.”

“Earlier notification of consultation meeting, wider area of community to be notified.”

RES response:

Newsletters advertising the first consultation event were sent to all properties within 2km of the project and an advertisement was also placed in the Forres Gazette.

We have taken account of the feedback from the first consultation event and for the second consultation event, advertising has also taken place via the Funderne Development Trust and the Edinkillie Hall social media.

As presented at the consultation event, we have also produced a site location plan showing the proposed scheme in context with neighbouring communities.



The poster is titled "Corralloch Energy Storage System Public Exhibition" and is dated "MAY 2023". It features the RES logo in the top right corner. The main text reads: "This exciting public exhibition in Forres will show the proposed Corralloch energy storage system near Banchory, south of Forres. Please see how you can influence the design in response to feedback received and ongoing surveys." Below this, it says "Public Exhibition" and "The 10th May will be a drop-in session for local residents to provide their views on the proposed site for the energy storage system." It lists the date and time: "Thursday 10th May 2023 10am to 7:30pm" and the location: "Edinkillie Community Centre, Edinkillie, Forres, AB9 2JW". It also provides contact information: "All information provided at the public exhibition will be available at: www.corralloch-energy-storage.co.uk" and "01753 1221920 2023". At the bottom, there is a small photo of the exhibition and several lines of fine print.

FLOOD RISK AND DRAINAGE

Comment(s) received:

“Ensure run-off pond is adequate to catch drainage”

RES response:

The site is not located within a flood risk zone. The nearest watercourse is the Stripe of Corshellach to the south, which according to the SEPA flood risk map shows a 0.5-10% chance of annual river flooding, though the area affected is localised to the watercourse itself.

Aside from this, there are localised areas of surface water flooding within the area, though none of these occur within the site boundary.

As part of any full planning application, a Flood Risk Assessment and Surface Water Management Plan will be submitted, incorporating sustainable drainage systems (SuDS) best practise principles, to ensure no significant impacts are created by the development. Drainage measures will also be incorporated into the construction phase as well as any Construction Environmental Management Plan (CEMP) to ensure that the rate of run-off during construction will not increase the flood risk beyond the site boundary.

These measures will also include methods to prevent any suspended sediment entering the watercourse mentioned above. Once completed, the project will increase the impermeable area slightly due to the hardstanding area of the battery compound. A surface water attenuation pond and drainage scheme will therefore be incorporated into any final development design, identified through the Surface Water Management Plan, to ensure that the risk of flooding on and off site is not increased.

With mitigation measures in place, significant impacts associated with flood risk and surface water are not anticipated.

About RES

RES, a British company, is the world’s largest renewable energy company with operations across Europe, the Americas and Asia-Pacific. At the forefront of renewable energy development for over 40 years, RES has developed and/or built more than 23GW of renewable capacity worldwide.

RES has been operating from offices in Glasgow since 1992 employing over 100 people. RES has the expertise to develop, construct and operate projects of outstanding quality such as Scotland’s first utility-scale battery storage facility, the 20MW Broxburn Energy Storage facility in Broxburn, West Lothian.



Jenna Folkard
Development Project Manager

✉ jenna.folkard@res-group.com

☎ 07823 340 304



Carey Green
Community Relations Manager

✉ carey.green@res-group.com

☎ 01872 226 931

RES, Third Floor, STV, Pacific Quay, Glasgow, G51 1PQ
If you require information in Braille, large text or audio, please let us know.

www.corshellach-energystorage.co.uk

RES believes in meaningful and productive consultation, and we aim to engage early with the local community and key stakeholders in order to facilitate constructive consultation. This helps to identify issues and concerns, as well as benefits and opportunities, which we can then consider when developing the design of the proposal.

At the Public Exhibition we have presented updated design drawings. Feedback from the local community on the updated design is an important part of our pre-application consultation and we would be grateful if you could take the time to fill out this comments form with your feedback. The closing date for comments on the updated design is **26th May 2023**. Comments will still be accepted after this date but may not be considered in relation to the design development.

Please note that comments submitted to RES at this time are not representations to the determining authority (Moray Council). There will be an opportunity to submit representations to the determining authority should an application be made.

1 Corshellach Energy Storage System public exhibition

1.1 How did you find out about our public exhibition?

- Newsletter through the door
- Advert in local newspaper
- Project website - www.corshellach-energystorage.co.uk
- Word of mouth
- Other (please specify)

1.2 Before visiting the exhibition how would you describe your knowledge of the proposed Corshellach Energy Storage System?

- Knew a lot
- Knew quite a lot
- Knew a little
- Knew very little
- Knew nothing at all

1.3 Having visited the exhibition, to what extent do you feel you have increased your understanding about the proposed Corshellach Energy Storage System?

- A lot
- Quite a lot
- A little
- Very little
- Nothing at all



1.4 Do you have any suggestions for ways in which we could have improved our exhibition?

2 Corshellach Energy Storage System Proposal

2.1 What do you think about the updated design layout of Corshellach Energy Storage System?

- I am happy with the proposed layout
- I am neutral towards the proposed layout
- I have concerns about the proposed layout

Further comments:

2.2 Please provide us with any further suggestions or comments regarding the proposed Corshellach Energy Storage System

3 Climate change, energy security and renewables

The below section is optional and designed to help us understand people's thoughts on how renewables can help to tackle climate change and improve energy security.

3.1 Do you agree that we are facing a global climate change emergency?

- I strongly agree
- I agree
- I don't know
- I disagree
- I strongly disagree

Further comments:

3.2 Do you agree that generating electricity from renewable sources, and reducing our reliance on fossil fuels, can help towards tackling the issue of climate change?

- I strongly agree
- I agree
- I don't know
- I disagree
- I strongly disagree

Further comments:

3.3 Do you agree that generating electricity from renewable sources will provide greater energy independence and security for Scotland?

- I strongly agree
- I agree
- I don't know
- I disagree
- I strongly disagree

Further comments:

3.4 Do you agree that we need to develop energy storage projects to create a more stable and secure electricity system, supporting the rollout of zero carbon energy?

I strongly agree

I agree

I don't know

I disagree

I strongly disagree

Further comments:

4 Your details

Please provide your name and contact details below.

Your contact details will be treated by RES with the strictest of confidence, in line with the General Data Protection Regulations (GDPR) 2018. We may at times share your contact details, in confidence, with third parties who we employ to help process your comments or update you on the project and by providing your details below you consent to this. You may write to RES at any time to ask that your contact details be removed from our records and from any third parties we work with.

Name	
Email	
Address	
Telephone Number	

If you would like to be kept up to date with the project, please tick this box

When you have completed the comments form, please send by email to carey.green@res-group.com or by post to: Corshellach Energy Storage System Project Team, RES, Third Floor, STV, Pacific Quay, Glasgow, G51 1PQ.

Thank you for taking the time to complete this comments form, your feedback is important to us.