grasshopper

February 2025

v1.0

Bodelwyddan Solar & Energy Storage

Interim consultation report

Bodelwyddan, North Wales

Island Green Power

Contents

Executive Summary

1.1 Bodelwyddan Solar & Energy Storage Ltd, part of Island Green Power, is developing proposals for a renewable energy project in Bodelwyddan, North Wales.

1.2 This consultation report details the early engagement and non-statutory consultation process that has taken place to date, the key issues raised by stakeholders during the process, and how Island Green Power and its team of consultants has responded, or intends to respond, to them.

1.3 The consultation delivered was fully compliant with the project consultation plan which can be found in **Appendix 1**.

1.4 During the consultation, a number of issues were raised on the emerging proposals for Bodelwyddan Solar & Energy Storage, including:

- Visual impact on landscape and rural character
- Impact on wildlife and biodiversity
- Loss of agricultural land
- Potential flood risk
- Battery fire risk

These and other issues raised have been responded to by Island Green Power in this report. Where possible, feedback that has been received will be taken into account in the draft planning application that will be presented to the community in the statutory pre-application consultation, before being finalised and submitted to PEDW.

Introduction

2.1 This report and accompanying appendices constitute the interim consultation report prepared by Grasshopper Communications to support a Development of National Significance (DNS) application for Bodelwyddan Solar & Energy Storage near Bodelwyddan, North Wales.

Site overview

The Bodelwyddan Solar & Energy Storage project is a proposed new renewable energy scheme with solar and battery storage on the border of Conwy and Denbighshire, North Wales.

There are two elements to the project. A solar farm which is proposed on land to the north and south of Rhuddlan Road, to the northwest of Bodelwyddan, and a battery energy storage system (BESS) which is proposed on to the west of Bodelwyddan substation, south of St Asaph Business Park.

The two elements of the project would be connected by an underground cable (approximately 5 kilometres long) to the grid connection point at Bodelwyddan substation.

2.2 The proposals include:

- The solar component has an export capacity of 110MW and the BESS has an import capacity of 110MW.
- An overall area of approximately 160.31 hectares (153.79 hectares solar and 6.52 hectares BESS).
- Generating renewable energy for the equivalent of approximately 26,657 homes, saving up to 35,569 tonnes of CO2 per year, reducing Wales' reliance on imported energy.
- Provision of environmental benefits by creating new habitats for wildlife, mitigation planting and landscaping that will deliver a significant net benefit for biodiversity.
- Avoiding use of Best and Most Versatile (BMV) land through the selection of a solar site which comprises over 95% Grade 3b agricultural land and a BESS site which comprises entirely Grade 3b agricultural land.

Legislative context

As the proposed solar farm will generate more than 10MW, the project is defined as a Development of National Significance (DNS) and will be assessed by an Inspector at Planning and Environment Decision Wales (PEDW) before being determined by Welsh Ministers.

Conwy County Borough Council, Denbighshire County Council, and the local communities are key consultees and Island Green Power is committed to undertaking proactive stakeholder and community engagement to ensure local understanding of the plans, enable input into the emerging proposals and help minimise potential impacts whilst maximising socio-economic opportunities.

This interim Consultation Report provides an overview of the early engagement, feedback received and an initial response from the project team. Along with the completion of ongoing environmental studies and surveys, this engagement will help inform the final proposals, which will be the subject of a period of statutory consultation (for a minimum of 6 weeks) later in the year.

Early Engagement

Key stakeholder meetings

Invitations

3.1 Tier 1 stakeholders (refer to **Appendix 2**) were sent an email on 5 November 2024 to introduce the project and invite stakeholders to a one-to-one meeting. Meetings were conducted online, and involved a presentation given by members of the project team, including an introduction to the proposals and the consultation plan. One meeting also took place via telephone.

Stakeholder meetings

3.2 The following stakeholder meetings were held:

Stakeholder meeting 1 – Darren Millar MS

- Friday 29 November – 10am
- Microsoft Teams meeting
- Discussion points: Questioned the name of the project; Stated that there are issues with drainage in the area and concern regarding flooding; Suggestion that the developers could support local drainage and provide upgrades around this; Suggestion to extend the consultation zone into Towyn and Kinmel Bay.

Stakeholder meeting 2 – Mark Isherwood MS

- Monday 9 December – 10am
- Microsoft Teams meeting
- Discussion points: The underground cable connection was positive, however concern raised around the proximity of the cable to homes. Question raised if consideration had been given to the Curlew population in the area.

Stakeholder meeting 3 – Abergele Town Council Clerk

- Monday 16 December – 10.30am
- Microsoft Teams meeting
- Discussion points: Presented to the Town Council Clerk who was feeding back to the Town Council. No questions or views given.

Stakeholder meeting 4 – Llyr Gruffydd MS

- Monday 16 December – 2pm
- Microsoft Teams meeting

- Discussion points: Questioned if the project is linked to the existing solar farm. Stated that the project might need to take into consideration the view from Rhuddlan; Asked if there was a community benefit fund and if there was an opportunity for shared ownership. Questioned the development of solar panels following the damage to panels as a result of winter storms.

Stakeholder meeting 5 – Towyn & Kinmel Bay Town Council

- Tuesday 17 December – 2pm
- Microsoft Teams meeting
- Discussion points: Requested that the consultation zone be extended to Kinmel Bay. Asked if there would be a Community Benefit fund and if an interim arrangement could be made as it could be 5 years until energy is being generated. Questioned if all the fields identified would be used.

Stakeholder meeting 6 – Cllr Rajeev Metri

- Telephone call
- Discussion points: questions regarding the project, the programme and glint and glare. Questioned the number of construction and operational jobs generated. Happy to support and gave suggestions on a community facility for consultation events.

Non-statutory consultation

4.1 The non-statutory consultation on the emerging proposals took place between Monday 13 January and Monday 10 February 2025. This section provides a summary of the communications and engagement activity during non-statutory consultation.

4.2 A variety of consultation tools and communication channels were used to encourage participation in the consultation from stakeholders and the local community which are set out below:

Newsletter

4.3 A bilingual newsletter introducing the emerging proposals for the Bodelwyddan Solar & Energy Storage project was posted to a total of 4607 properties (4139 residential and 468 business addresses) in the defined consultation zone (shown in **Appendix 3**) and emailed/posted to identified stakeholders (including elected representatives, schools, community and interest groups) in the consultation zone and wider area listed.

4.4 The newsletter gave an overview of the site, the proposals, feedback mechanisms and contact details (refer to **Appendix 4**).

Website

4.5 A website was set up at the start of the project to provide information about the site, proposals, feedback mechanisms and contact details so local communities and stakeholders can find out more and comment on the emerging proposals: bodelwyddan-solar.co.uk. A screen grab from the website is included in **Appendix 5**.

Feedback form

4.6 An online feedback form was produced to gather feedback during the non-statutory consultation. This was made available on the project website at the start of the consultation on Monday 13 January

4.7 Hard copies were available at the face-to-face events and returned to the project team using the Grasshopper Freepost address.

4.8 A copy of the feedback form is attached at **Appendix 6.**

Press release

4.9 A press release was sent to local media to introduce the project and publicise the non-statutory consultation on Monday 13 January 2025 (see **Appendix 7**).

4.10 Coverage included:

Date	Paper	Headline and link
14/01/25	Rhyl Journal	"Consultation launched for new Bodelwyddan solar energy project" LINK
15/01/25	Daily Post	"Public set to have say on plan to build huge solar farm near North Wales village" LINK
15/01/25	North Wales Pioneer	"Conwy and Denbighshire solar farm public consultation planned" LINK
14/01/25	Nation.Cymru	"Consultation launched for proposed solar and energy storage sites of 'National Significance'" LINK
16/01/25	Wrexham.com	"Public consultation planned for major North Wales solar farm" LINK

Public exhibitions

4.11 The purpose of the exhibition events was to invite the local community to meet the project team and discuss the proposals at a venue organised by Island Green Power.

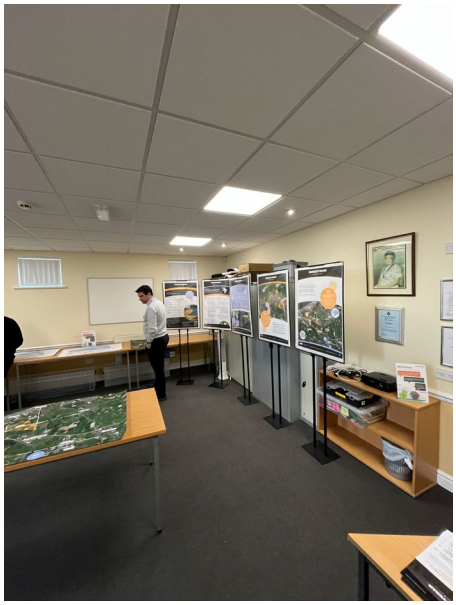
4.12 The following public consultation events took place:

Date	Time	Venue	Attendees
Wednesday 29 January 2025	2.30pm to 7pm	Bodelwyddan Community Centre	39
Thursday 30 January 2025	2pm to 6.30pm	Towyn and Kinmel Bay Council – Community Resource Centre	14

4.13 The first exhibition event also included a stakeholder preview from 1pm to 2pm, where selected stakeholders were invited to view the proposals and speak to the project team before the public exhibition.

4.14 These venues were chosen because they had space for the exhibition materials, disabled access, better public transport links than alternative venues, were within walking distance for Bodelwyddan and Kinmel Bay residents, and had parking onsite. Hosting an event in Towyn & Kinmel Bay was suggested during the Early Engagement stakeholder meetings and the venue itself recommended by Towyn & Kinmel Bay Town Council.

29/01 Bodelwyddan Community Centre



30/01 Towyn & Kinmel Bay Town Council – Community Resource Centre

4.15 There were 6 bilingual exhibition boards containing the project details and the following information:

- **Welcome –** introductory board welcoming residents and stakeholders to the event. Includes information on Island Green Power, a graphic showing how

solar energy interacts with the grid and is converted into power for people's homes, and an image of solar panels and a battery storage container.

- **About the project –** basic information about the project and a short paragraph on the benefits of solar energy. Also, a map showing the site location in relation to the nearest population centres.
- **Solar site –** a board providing information specifically about the solar site, includes a map of the solar site.
- **The BESS site** – a board providing information specifically about the BESS site, including an explanation of what BESS is, paragraphs on battery safety, monitoring systems, active ventilation, and emergency water supply. Also includes a map of the BESS site.
- **Community benefit / Environmental considerations** – a board with some information on the potential for a future community benefit fund. Then a section on environmental considerations including landscape, heritage and archaeology, biodiversity, noise, flood risk and drainage, and transport.
- **Feedback and next steps** – includes an indicative project timeline, a sentence thanking residents and stakeholders for attending, and contact details at the bottom of the board.

4.16 The boards were produced and displayed in English and Welsh at each of the venues and were available to download as a PDF from the project website. The exhibition boards are attached as **Appendix 8**. The exhibition boards were supplemented by a series of aerial images of the site, and plans showing a range of environmental constraints that were being taken into account through the design process; which were loosely available in the room to aid discussion.

4.17 Feedback forms, fact sheets, newsletters and consultation brochures were available at the events to give attendees.

Summary of feedback

Emails / telephone enquiries

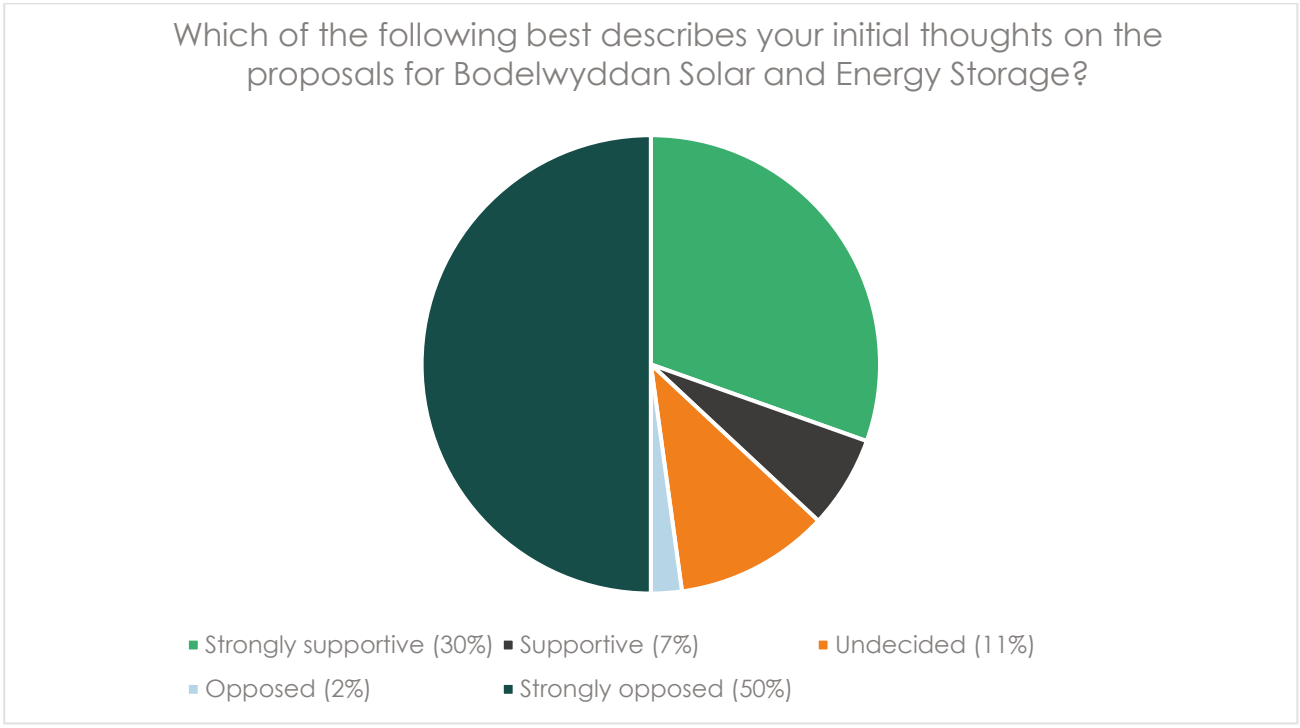
4.18 A total of 17 email and 7 telephone enquiries were received during the non-statutory consultation with:

- 5 giving feedback on the proposals
- 8 consultation related enquiries
- 11 other type of enquiries.

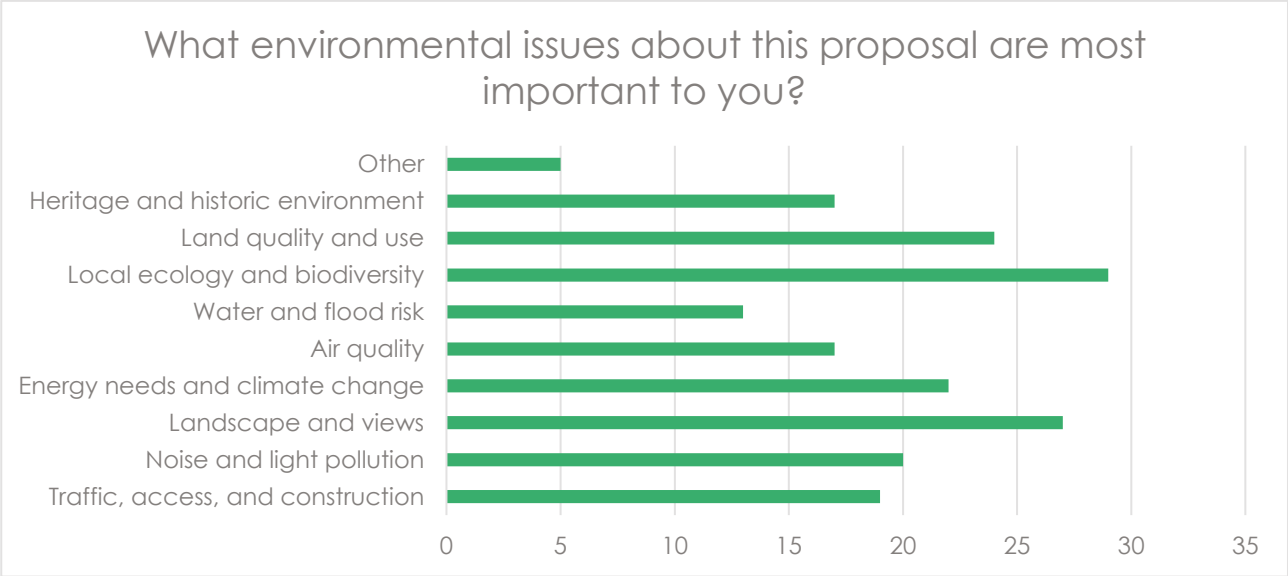
Feedback forms

4.19 During the non-statutory consultation, 46 feedback forms were completed online or returned using the freepost address.

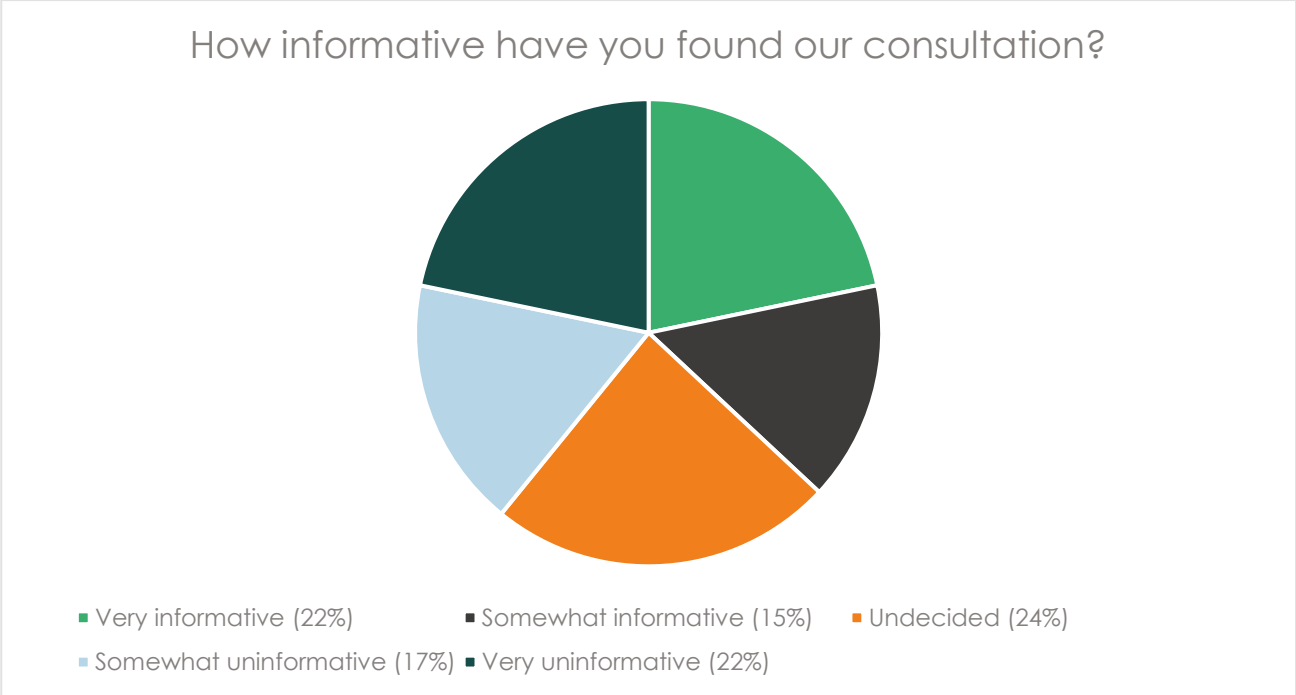
4.20 Of those who responded to the question asking: 'Which of the following best describes your initial thoughts on the proposals for Bodelwyddan Solar and Energy Storage?'; approximately 50% were unsupportive, with the remaining 50% either supportive or undecided.



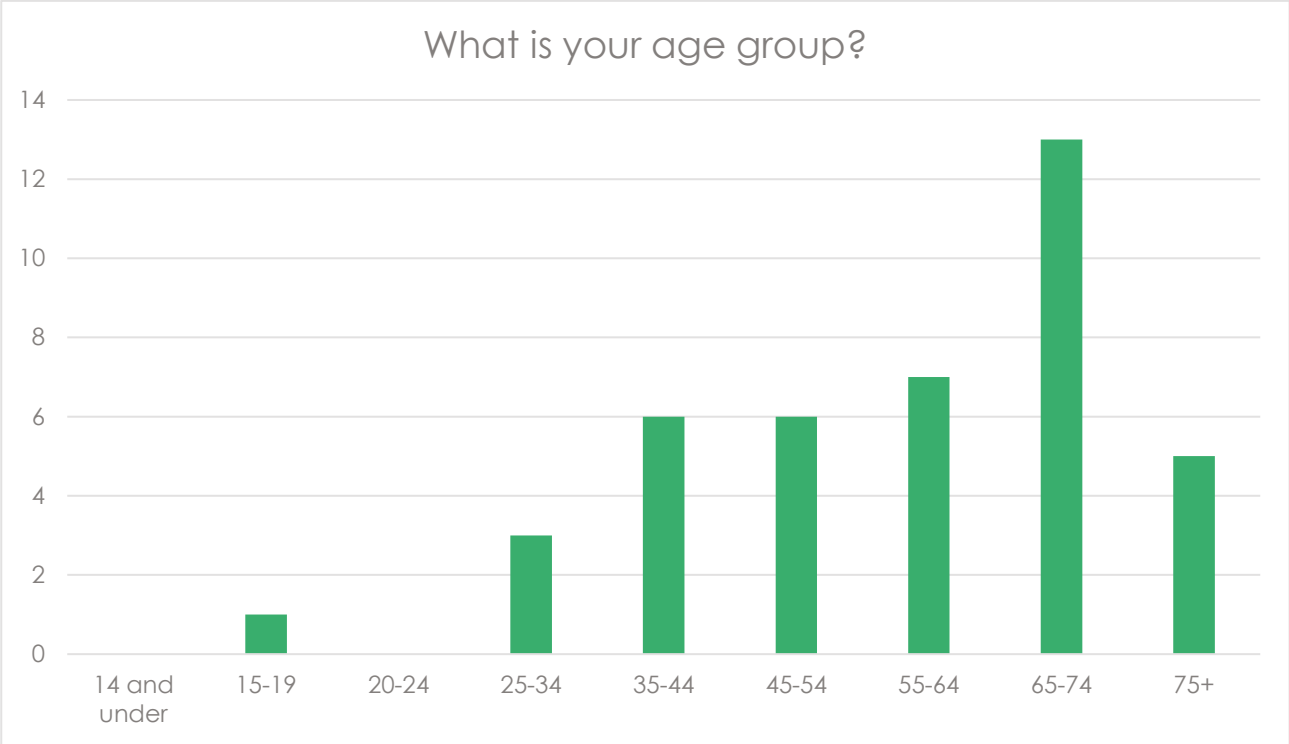
Of those who responded to the question asking: 'What environmental issues about this proposal are most important to you?'; 'Local ecology and biodiversity' was the most popular answer, with 63% of respondents answering this. Meanwhile, 'Landscape and views' (59%) and 'Land quality and use' (52%) were the next most popular answers.



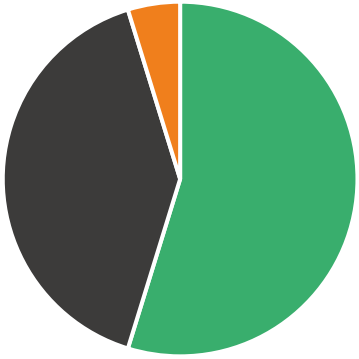
Of those who responded to the question asking: 'How informative have you found our consultation?' the results were generally even in terms of those who thought it was informative (37%), uninformative (39%), and undecided (24%).



4.21 The feedback forms also collected Equality, Diversity & Inclusivity data, which was optional for respondents to answer. This allowed us to map exactly the demographics of our respondents. The results are as follows:

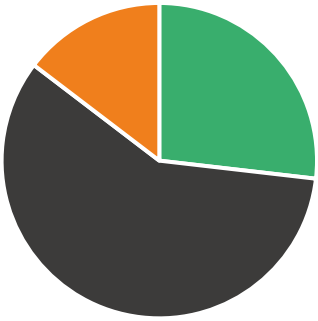

What is your age group?
14
12
10
8
6
4
2
0
14 and under
15-19
20-24
25-34
35-44
45-54
55-64
65-74
75+

Which of the following best describes your gender?



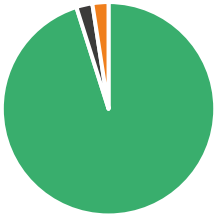
- Male - 23
- Female - 17
- Prefer not to say - 2

Do you consider yourself to have a disability or long-term health condition?



- Yes - 11
- No - 24
- Prefer not to say - 6

How would you describe your ethnic background?



- White: Welsh, English, Scottish, Northern Irish or British - 39
- White: Other White (please also choose 'other' and specify) - 1
- Other - 1

What is your religion or belief?

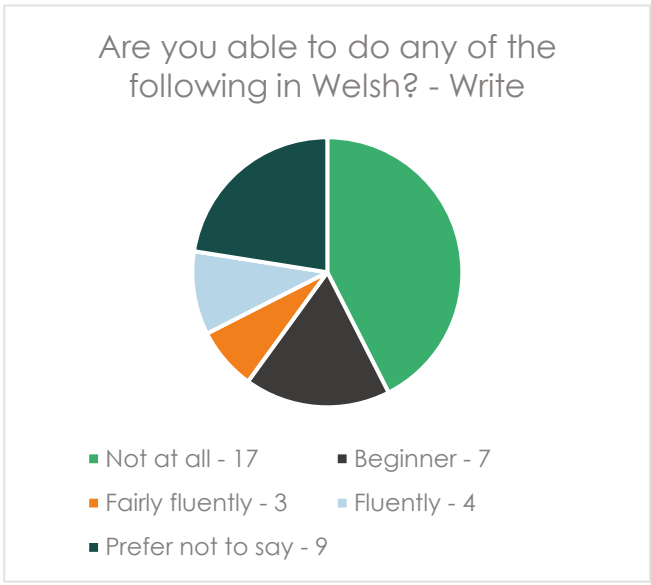
- No religion - 16
- Buddhist - 1
- Christian - 18
- Prefer not to say - 5

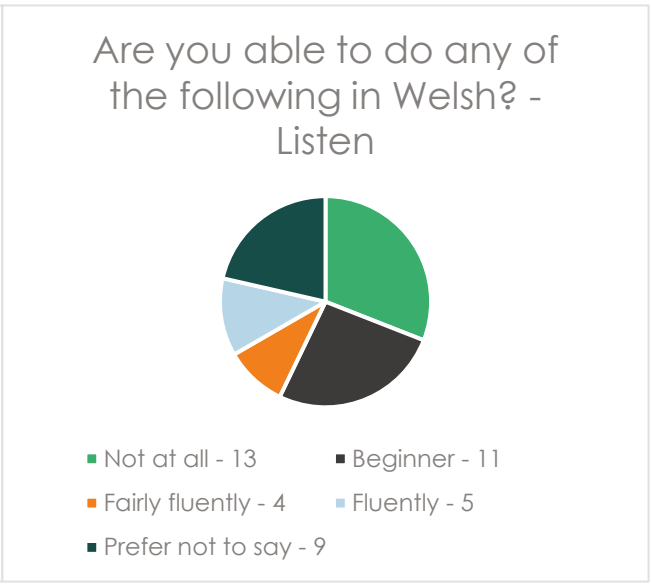
Are you able to do any of the following in Welsh? - Speak

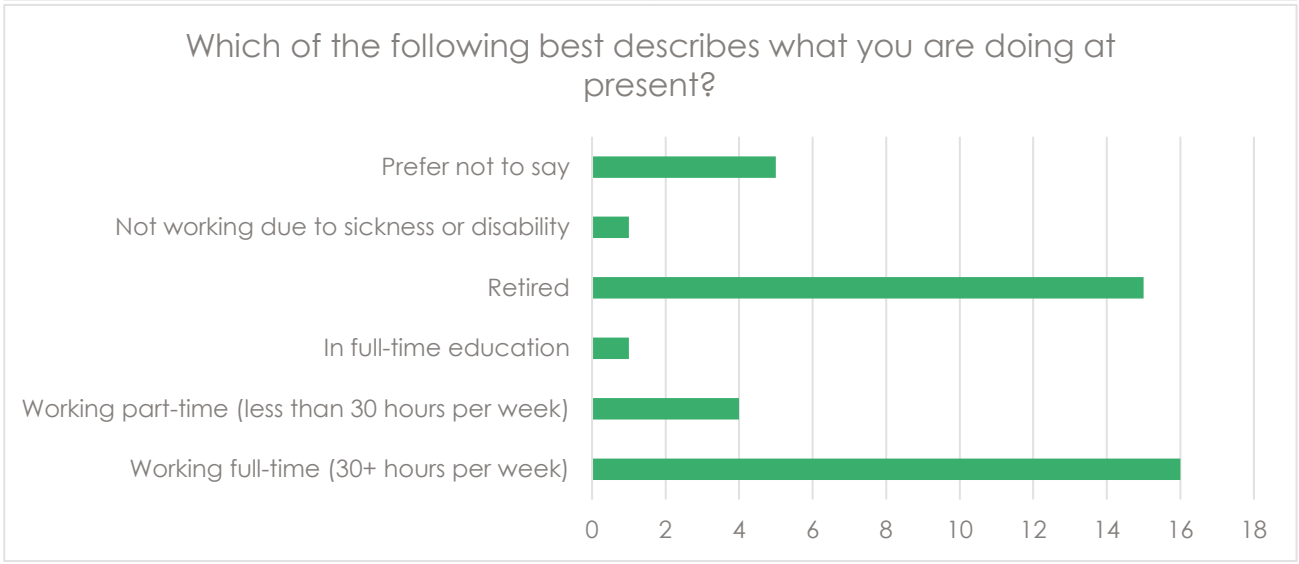
- Not at all - 16
- Beginner - 9
- Fairly fluently - 3
- Fluently - 5
- Prefer not to say - 9

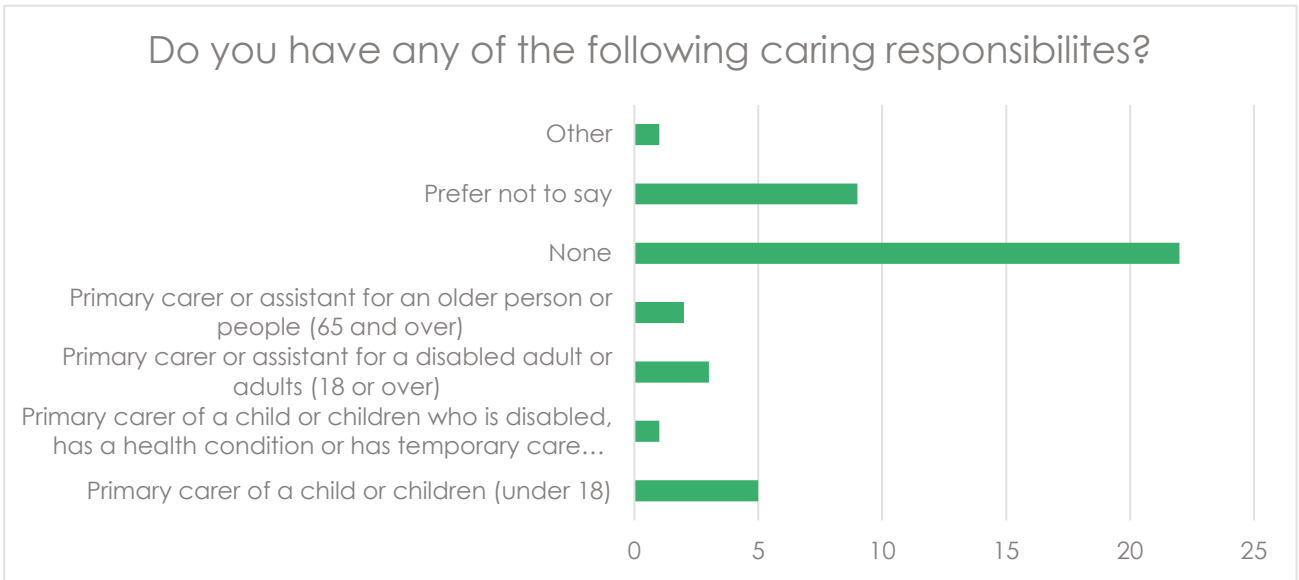
Are you able to do any of the following in Welsh? - Read

- Not at all - 16
- Beginner - 9
- Fairly fluently - 3
- Fluently - 4
- Prefer not to say - 9


Are you able to do any of the following in Welsh? - Write
Not at all - 17
Beginner - 7
Fairly fluently - 3
Fluently - 4
Prefer not to say - 9


Are you able to do any of the following in Welsh? - Listen
Not at all - 13
Beginner - 11
Fairly fluently - 4
Fluently - 5
Prefer not to say - 9


Which of the following best describes what you are doing at present?
Prefer not to say
Not working due to sickness or disability
Retired
In full-time education
Working part-time (less than 30 hours per week)
Working full-time (30+ hours per week)
0
2
4
6
8
10
12
14
16
18


Do you have any of the following caring responsibilites?
Other
Prefer not to say
None
Primary carer or assistant for an older person or people (65 and over)
Primary carer or assistant for a disabled adult or adults (18 or over)
Primary carer of a child or children who is disabled, has a health condition or has temporary care…
Primary carer of a child or children (under 18)
0
5
10
15
20
25

Main issues raised by non-statutory consultees and consequent actions

5.1 During the consultation period residents and interested parties were invited to provide feedback on the project proposals. They were able to do so online, by completing the hard copies or giving an email response.

5.2 The table below summarises the issues raised by non-statutory consultees during the statutory consultation and have been organised according to the chapters in Environmental Statement.

Issue Raised	Developer's response & consequent actions
Agriculture & Soils	
Loss of farmland: Concerns were raised by residents about the loss of productive agricultural land to the project, citing the need for food security.	Whilst Island Green Power (IGP) understands the concerns around the loss of agricultural land, there remains a need to balance food security with the energy security needs of the country. Renewable energy provides a cheap, reliable source of energy for the country that places our energy security in our own hands and reduces our reliance on foreign countries and fossil fuels. Planning Policy encourages renewable energy developers to avoid agricultural land that is considered Best and Most Versatile (BMV) agricultural land. An Agricultural Land Classification (ALC) survey was carried out and concluded that 95% of the solar site and 100% of the BESS site is Grade 3b non-BMV land, whilst only circa 5% of the solar site contains Grade 3a BMV land. This means that the loss of BMV land will be minimal and not 'nationally significant'. Furthermore, solar developments are not permanent, and following future

	decommissioning the land will be returned to agricultural use as a condition of any planning permission. In the meantime, the land around the solar panels can continue to be used for sheep grazing and poultry farming whilst the solar farm is operational, something that is a common practice.
Sheep grazing: A resident noted that they had been contacted by a local farmer who currently has sheep grazing in the fields and is worried about the impact on his livelihood. Another said that the suggestion that they will both retain the land for sheep grazing and manage biodiversity is contradictory.	Once the solar farm is operational, the land around the solar panels can continue to be used for sheep grazing or poultry farming. This is a very common practice. IGP's commitment to manage biodiversity is covered by its responsibility to deliver net benefits for biodiversity on site. That means that after using surveys to understand the existing ecological value of the site, IGP can ensure that net benefits in biodiversity are delivered through improvements to existing features and the creation of new ecological enhancement areas. This can all be achieved whilst continuing the practice of sheep grazing on the land.
Grading of farmland: One respondent claimed that farmers are having their land down-graded for these projects.	The ALC survey undertaken at the beginning of the project concluded that 95% of the solar site and 100% of the BESS is Grade 3b non-BMV land. Circa 5% of the solar site contains Grade 3a BMV land. The ALC survey has been independently verified by the Department for Climate Change & Rural Affairs in Welsh Government.
Surrounding farmland: One respondent claimed that this project will reduce the economic viability of all the agricultural land around it, reducing the ability to easily move stock from one site to the next and reducing the retail value of field around it.	There is no evidence to suggest that farming practices around the site cannot viably continue. Any rights of access to neighbouring land for its farming will be retained.
Biodiversity	

Loss of habitat: some respondents had concerns about the impact on local habitats. One respondent mentioned biodiversity corridors, breeding and feeding habitat for migratory birds, and the existence of animal tracks across the proposed solar farm.	There are no known ecological designations within or near the Site, however studies and surveys to understand the ecology and natural habitat on site, and to identify the potential impact and mitigation measures needed, are being carried out to inform the final proposals. Once the solar panels have been installed and are operational, the surrounding land will provide a good opportunity to deliver biodiversity enhancements and improvements in an area that receives minimal human intervention. Ecological assessments are being undertaken to inform the planning application and understand what species already use the site and local area. The assessments will also help to determine the best approach to achieve biodiversity net benefits, as required by Planning Policy Wales. Enhancements may include, for example, new hedgerows and tree planting providing new habitats and foraging opportunities for birds, small mammals and other wildlife. All biodiversity enhancements will be delivered and managed in accordance with a Landscape and Ecological Management Plan, details of which will be included within the planning application, and will be consulted on during the statutory pre-application consultation period.
Threat to specific species: respondents referred to concerns about specific species that live in the area: • Residents claim to have seen newts, badgers, otters, deer, bats, butterflies in the vicinity of the site. • Residents have mentioned that there are nesting sites for red kites, canada geese and curlews.	See above.

• One resident was worried about the project having a negative impact on certain protected species.	
Ecological surveys: one respondent was concerned that there was not enough time for wildlife surveys to take place between the non-statutory consultation and the drawing up of the layout which will include panel locations.	All ecological surveys will be conducted before launching the statutory pre-application consultation where residents and stakeholders will be able to view the results of the surveys and the final proposals.
Biodiversity improvements: One resident asked IGP to be specific about the promise of 'creating new habitat for wildlife'. Another said that increasing the potential for nesting birds by planting trees and hedges would be good.	The creation of ecological enhancement areas and landscape screening, if required, is likely to involve new tree planting.
Built heritage	
Proximity to places of historical significance: one respondent objected on the grounds of detracting from nearby buildings of historical interest, including a former methodist chapel and a Welsh long cottage.	There are no Scheduled Ancient Monuments or other designated heritage assets on the Site, with the exception of the Kinmel Park Registered Park and Garden, which will support part of the underground cable route. Surrounding the Site, there are five Grade II listed buildings (Toll Bar Cottage and No. 1,2,3 and 4 Bodoryn Cottages) and a Grade II* listed building (240 Morfa Lodge) to the south. The Registered Historic Park and Garden (Kinmel Park) lies between the solar and BESS sites. Technical reports and assessments will be produced as part of the planning application to understand the significance of these heritage assets, the impacts of the proposal on them, and any mitigation measures required. A geophysical survey of the site and cable route is also being undertaken, alongside other research, to determine the potential impact of the proposals on archaeology in the area. If this reveals the need for more detailed assessment on site, this will be undertaken.

Cable route: a respondent objected to the plan for a cable route on Glascoed Road on the basis of it being a roman road and running close to existing homes, including listed buildings.	The proposed cable route is still to be finalised. If the final route is via Glascoed Road, it will be buried in its entirety, having regard to any existing utilities and following an assessment of archaeological potential. Whilst there will inevitably be some limited disruption during the construction process, there are not predicted to be any adverse impacts on local residents or heritage assets.
Community Benefits	
Community benefits fund: respondents mentioned that it is important that a contribution is made back to the community. One respondent suggested the community benefit go towards the installation of solar panels on properties that are not eligible for government grants. Another respondent asked how they would go about applying for funding.	This project will provide a Community Benefit Fund, should it receive consent. However, at this stage, IGP is considering the details in terms of how much money the fund will release annually, how the fund will be administered and which areas the fund will cover.
Benefits to local area: when referring to the statistic that this project could generate renewable energy for approximately 26,657 homes, one respondent asked how this would benefit the local area.	The electricity generated will be exported to the national grid which supplies the electricity throughout the United Kingdom. IGP is focused on ensuring our projects deliver lasting benefits to the local area including by creating job opportunities, generating business rates, enhancing the natural environment, and direct funding for important causes through the community benefit funds. For example, a recent project at Cottam alone will create over 1,000 jobs and contribute significantly more annually to business rates than agricultural land, for which business rates are not applicable
Consultation	
Issues with consultation: one respondent claimed that the 'website on the literature' appears to be incorrect and that there wasn't an obvious option to register for updates.	All publicly-available information provided on the Bodelwyddan Solar & Energy Storage website (Bodelwyddan-solar.co.uk) as part of the consultation is correct as far as IGP are aware. A link

Others dismissed the consultation as a "tick-box exercise".	allowing residents and stakeholders to receive email updates about the project was provided in the 'Have Your Say' section of the website at the bottom of the page. As detailed in this report, the consultation conducted was a non-statutory phase of community engagement and as such was not required by law. IGP is committed to undertaking proactive stakeholder and community engagement to ensure local understanding of the plans, enable input into the emerging proposals and help minimise potential impacts whilst maximising socio-economic opportunities.
Name of project & Bodelwyddan substation: a respondent said that the name of the project is misleading as the project is in Cefn Meiriadog. One respondent asked if IGP could change the name of the Bodelwyddan substation.	The name of the project was decided upon due to the solar site's proximity to both the village of Bodelwyddan and the BESS site's proximity to Bodelwyddan substation, which is also the project's agreed grid connection. IGP has no say over the naming of National Grid's Bodelwyddan substation.
One-to-one meetings: One respondent living close to the site said that IGP have not had the decency to 'knock on the door' and talk to them.	One-to-one meetings are being offered to immediate neighbours in the near future to discuss their concerns about the site. The non-statutory consultation was the start of that process.
Extra resources: Residents made suggestions for other information that could be presented during the consultation, including: • Drone footage of the site and proposed cable route • An event in Cefn Meiriadog • A list of other sites considered • More detailed design information • Team members with relevant technical experience attending events	Suggestions for the statutory pre-application consultation will be taken on board and considered by IGP. More detailed information, including on the design, will be presented on the website and at the events.
Energy Use	

Reduction of energy bills: respondents asked what the point of the project is if residents did not receive reductions in utility bills.	The electricity generated will be exported to the national grid which supplies the electricity throughout the United Kingdom.
Flood Risk and Damage	
Flood risk: many respondents advised that nearby land is highly susceptible to flooding and had concerns about the impact on natural drainage should the project go ahead	Natural Resources Wales record's show the Site is located within Flood Zone C1, which is served by significant flood defence infrastructure, and Flood Zone A, which has the lowest risk of flooding. A flood risk assessment is being undertaken to assess the need for flood protection measures and recommendations will be made by the flood and drainage consultants. Flood mitigation measures might include: • bunds; • introduction of additional sustainable drainage infrastructure; or • siting sensitive equipment above predicted flood levels.
Flood defences: one respondent asked whose responsibility it will be to maintain the flood defence ditches surrounding the proposed solar farm.	This is still to be determined, however, it is likely that the responsibility of maintaining the drainage ditches will fall on either the existing landowner, or a management company appointed by the operator of the solar farm.
Landscape and Visual Impact	
Impact on rural landscape: many respondents had concerns about the impact on the existing rural landscape, claiming that the project will turn the area into an industrial landscape.	A Landscape and Visual Impact Assessment will be undertaken to assess the potential effects that the Bodelwyddan Solar and Energy Storage Park will have on the landscape. The Assessment will consider views from nearby properties and public vantage points such as footpaths and roads. If the appraisal identifies any potentially harmful landscape or visual impacts, we will look at the best approach to mitigate this.
Views from neighbouring properties: many immediate neighbours expressed concerns	See above.

about their views being impacted by solar panels. One resident was critical that members of the project team at the community events were unable to advise on how far away the panels will be from their home. A resident of Cefn Meiriadog noted that the electrical designs of the BESS should be more compact so as the limit visual impact on the village.	The land parcels used and the design of the development is intended to avoid any harmful impacts on the amenity of local residents. In addition, as part of the application process we will be assessing the potential impacts of the development on local residents and providing further mitigation where required. Meetings will be/have been offered to some immediate neighbours who have requested as such. In terms of the consultation, detailed site layout options are still being explored at this stage and as such the team could not provide an exact distance between the panels and neighbouring properties. During the future statutory consultation, the project team will be able to show exactly how far the panels will be situated from people's homes. The proposed BESS facility is being designed to use the minimal amount of infrastructure necessary, whilst still adhering to strict safety guidance relating to battery separation and circulation.
Views from Bodelwyddan: one respondent claimed that the project would be the first view seen when entering Bodelwyddan village from both roundabouts.	As above, a Landscape and Visual Assessment will be undertaken to assess potential effects of the project on the landscape, including on views from Bodelwyddan at both roundabouts.
Screening: respondents asked how the panels can be screened to avoid visual impact in places such as St George Bodelwyddan, St Asaph and Kinmel Bay, and along highways, footpaths and residential properties. One respondent noted that trees that previously provided screening of views to the existing solar farm have disappeared. Another asked that the BESS be hidden from view with targeted landscaping.	Where necessary, improvements to existing landscaping, or the establishment of new landscaping, will be used to soften the visual impact of the development. Depending on the type and scale of planting, it can taken between one and fifteen years to become established. In terms of trees that have disappeared since the construction of the existing solar farm, this is not something that IGP is

Another asked whether 'mitigating and landscaping' included the planting of trees.	aware of or can comment upon. The design of the project is intended to avoid tree loss other than where strictly necessary. Where trees do have to be moved compensatory planting will be provided.
Panel distance: one respondent asked how far the panels will be situated from properties, claiming that the scale of the project dictates it must be 500 metres.	A detailed site layout will be produced and consulted on during the forthcoming statutory consultation. This will show the exact distance between the panels and neighbouring properties. There is no regulation that dictates panels must be situated half a kilometre away from any neighbouring properties.
Lighting: one respondent said that lighting at night would be seen for a significant distance, whilst others referred to light pollution as a concern.	There will be no overnight lighting on site when the solar farm is operational. Some low-level lighting may be necessary during the construction process in winter months, but this will be limited.
Impact on Vale of Clwyd: a respondent noted that this development is being built in view of the Eastern flank of the Vale of Clwyd, which is designated as an 'Area of Outstanding Natural Beauty'.	AONBs and their setting are afforded significant protection under planning policy. The impact upon the AONB will be assessed in the submitted LVIA. At this stage it is not anticipated that the impact will be unacceptable.
Major Accidents and Disasters	
BESS fire risk: some respondents raised concerns about explosion and fire risks from the battery storage technology, referring to recent reports. There were also concerns that in the event of such a disaster, residents would be at risk of toxic fumes.	Battery storage systems are considered safe when properly designed, installed, and maintained. Modern battery energy storage systems incorporate several safety features to prevent issues such as overheating, short-circuiting, or fires. These include thermal management systems, built-in sensors, and monitoring software to detect and address potential problems early. The batteries in BESS developments typically use similar technology to mobile phone batteries that people are happy to have around them every day. When installed in large quantities for a BESS site, additional safety measures are developed in consultation with the local

	Fire Services, local authorities, and regulators. An Outline Battery Safety Management Plan will form part of the application submission, and a detailed Battery Safety Management Plan will be produced before the BESS is constructed and is operational.
Other risk: one respondent claimed that the materials used would create an "environmental disaster" from leaching chemicals.	Solar is one of the safest energy generation technologies in the world. Solar PV technology dates back to the 1950s and its use is widespread throughout the world – not only in utility-scale solar farms but in domestic situations too, in the form of rooftop solar panels. Solar cells are made from silicon, a material with properties almost the same as sand, and contain no heavy metals or toxic substances. They are covered with a thin layer of protective tempered glass and create no emissions during operation.
Noise and Vibrations	
Noise and vibrations during operation: a number of respondents expressed concerns about noise from the BESS and solar during the project's operational period. Another immediate neighbour mentioned 'rattling effects' from the existing solar farm.	Solar is a passive form of energy production that emits little if any pollution of any kind (noise, light, chemical etc.) The BESS and other electrical infrastructure may emit low levels of noise. A noise study will be undertaken to assess noise levels and what mitigation measures may be needed in order to prevent noise disturbance. Vibration is not at this stage considered to be a likely key environmental impact. Nonetheless it will be assessed as part of the noise study.
Noise during construction: respondents have expressed concerns about noise impacts during the construction phase, both onsite and from construction traffic.	The Outline Construction Traffic Management Plan that accompanies the planning application will anticipate likely levels of construction traffic, and the impact of this will be assessed on the

	highway network, and in relation to the environment, in terms of noise and vibration, and hours of construction traffic movements.
Noise from cables: a respondent objected on the grounds of disruption due to 'constant noise' from cooling fans used for inter connectivity cables due to overheating and inverter equipment.	Battery storage facilities typically operate at low noise levels, generally ranging from 40 to 60 decibels at a distance of a few metres. Most of the noise is generated by cooling systems and inverters, which help regulate the temperature and convert stored energy into usable electricity. Facilities are designed with noise mitigation measures, such as soundproofing and strategic placement of equipment (and an acoustic fence in the case of the BESS Site), to ensure that noise does not exceed acceptable levels. Additionally, we have completed noise surveys and assessments at both the Solar and BESS Sites which is a requirement of the planning application process to ensure compliance with local noise regulations. This has been completed in consultation with environmental heath consultees and will be subject to review as part of the statutory consultation process. The cooling fans are specifically factored into the noise modelling in the assessment.
Principle of Development	
Location of BESS: one respondent asked why the BESS has to go in the proposed area and not closer to Bodelwyddan. Another asked why it couldn't be placed in St Asaph Business Park. Another questioned the proposal for a separate BESS site to the solar, suggesting that the solar is scaled back to make room for the BESS and the run cables into the SP substation on Cwttir Lane.	The selection of a location for a solar farm is based on several factors. First, there must be confirmation from the electricity grid that the local network has sufficient capacity to connect the solar farm to the electricity supply. Then, we either are approached by landowners or identify landowners willing to provide enough suitable land to meet the requirements for a solar farm. This includes ensuring that the land available aligns with the capacity determined by the electricity grid and is suitable based

	on preliminary assessments from an environmental and planning perspective. Once we have confirmation of a grid connection and planning consents, we will develop a legal agreement (called an option agreement) with the landowner. We then conduct detailed planning and environmental assessments around the radius of the proposed grid connection point. These assessments help ensure that the project designs will meet planning regulations and generate the clean energy aimed for, while minimising any potential environmental impact and creating opportunities for the local community such as community benefits or jobs creation. Together, grid capacity, land availability, planning and environmental constraints determine the most suitable location for a solar farm. BESS installations need to be as close to the primary substation as possible, in order to limit losses in the process of transferring power from one to the other. The location proposed by IGP ensures an optimum location technically, but also environmentally.
Principle of Solar: many questioned the principle of utility-scale solar projects in rural areas when panels can instead be put on existing buildings. Others objected to the use of greenfield sites for solar, preferring brownfield sites if solar is needed.	A utility-scale solar farm is a large-scale installation of solar panels that generate electricity by converting sunlight into electrical energy using photovoltaic cells. The electricity generated is distributed either to a Battery Energy Storage System (BESS) on or close to the site, or to the National Grid, with the energy then being used to power homes and businesses across the UK. Solar is a clean and predictable source of home-grown power that removes reliance on global energy producers while protecting consumers from fluctuations in energy costs due to import prices. In terms of site selection, see above. The use of brownfield sites in urban areas is not a realistic alternative, because such sites are mostly restricted in

	planning policy terms for the development of housing, employment or commercial uses. The use of rooftop solar in urban areas is now much more widespread, but it does not provide utility-scale energy sufficient to meet the needs of communities, factories and businesses.
Cumulative impact: many respondents raised concerns about the cumulative impact of renewables projects in the area, particularly around the BESS site and substation.	Other solar and/or BESS projects in the area will be subject to their own assessments and grid connection arrangements. As part of the Bodelwyddan planning application, the various assessments that are undertaken will need to consider the cumulative impacts of the development, especially in relation to such matters as landscape and visual impacts, in relation to construction traffic, as well as flooding and drainage.
Decommissioning: one respondent objected on the basis of there being no feasible plan identified to decommission the site, meaning the land may be blighted once the solar farm falls out of use.	The land around the solar farm will continue to be maintained throughout the operational life of the project. Decommissioning will be in accordance with a Decommissioning Plan that will need to be agreed with the local planning authorities. This will be a condition of the planning permission, if granted. There are various regulations and requirements in place to ensure the safe recycling of electronic materials at end of life. The project owner will have to adhere to these requirements when the project is decommissioned.
Socioeconomics and Human Health	
House price valuations: some respondents raised concerns that the proposals would significantly devalue nearby properties.	There is no evidence that operational solar farms negatively impact house prices in the areas they are constructed. House price impact is not a material planning consideration.
Transport and Access	

Access points: in terms of the BESS site, one respondent suggested that construction traffic go through the business park rather than St Asaph itself. One respondent expressed concerns about the solar access point being on Gors Road, which was described as an 'inferior b road at best'.	The access arrangements of the construction process are currently being investigated and will be confirmed at the statutory pre-application consultation phase.
Increase to traffic: many respondents raised concerns about the increase in traffic around the area, both during construction and beyond. One respondent suggested minimising traffic disruption on Glascoed Road during construction.	The Outline Construction Traffic Management Plan that accompanies the planning application will anticipate likely levels of construction traffic, and the impact of this will be assessed on the highway network, and in relation to the environment, in terms of noise and vibration.
HGV movements: a respondent raised concerns that HGVs using the lane would damage existing hedgerows and make regular access to homes difficult.	See above.
Suitability of existing roads: a respondent said that carrying out these activities on the unnamed road from Borth Roundabout to Bodelwyddan is not an option as it has no pavements or grass verges.	See above.
New car park: a respondent raised concerns about the suggestion from neighbours that the lower field of the solar site will be developed into a car park.	There are no plans for any land parcels on the site to be turned into a publicly accessible car park.

Summary and conclusion

6.1 This consultation report successfully documents the actions taken by Island Green Power to consult on the early plans for Bodelwyddan Solar & Energy Storage.

6.2 The responses to the consultation have been documented, considered and acted upon by Island Green Power, with the review of initial feedback to the early plans running concurrently with ongoing surveys and studies to inform the final proposals. Amends have been made upon the proposals as a result of these studies and community and stakeholder feedback received during the non-statutory consultation phase:

At the Solar Site, these include:

- Incorporation of easement distances around overhead lines, water assets and underground cables.
- Adjustment of the Cable Corridor red line boundary to avoid gas pipe crossings and veteran tree root protection areas within the Kinmel Park Registered Park and Garden.
- Creation of a 10ha ecological mitigation and enhancement area through the expansion of the Solar Site area. This is labelled as Parcel 6, as shown within the submitted Solar Site Layout (ref. 02).
- Addition of landscape buffers, including 2m-wide new hedgerows with a 3m maintenance strip for ecological and residential amenity.
- Introduction of setback distances by removing panels in specific areas to improve amenity for the most affected residents, including at Bodoryn Chapel, Pen y Bont Cottage, Morfa Chapel and Ty'n-y-llyn.
- Relocation of solar inverters to avoid potential noise impacts on residents.
- Relocation of the substation compound into the BESS Site, reducing its footprint to a compact, container-sized unit.
- Siting of panels and infrastructure above defended flood model outputs where feasible.
- Addition of internal access tracks and fencing.
- Labelling of Solar Site parcels within the layout plans for ease of reference.
- Identification of CCTV locations and perimeter deer fencing.
- Minor adjustments to the red line boundary to include bellmouths for vehicular access.
- Minor presentational changes to improve clarity.

At the BESS Site, the following amendments have been made:

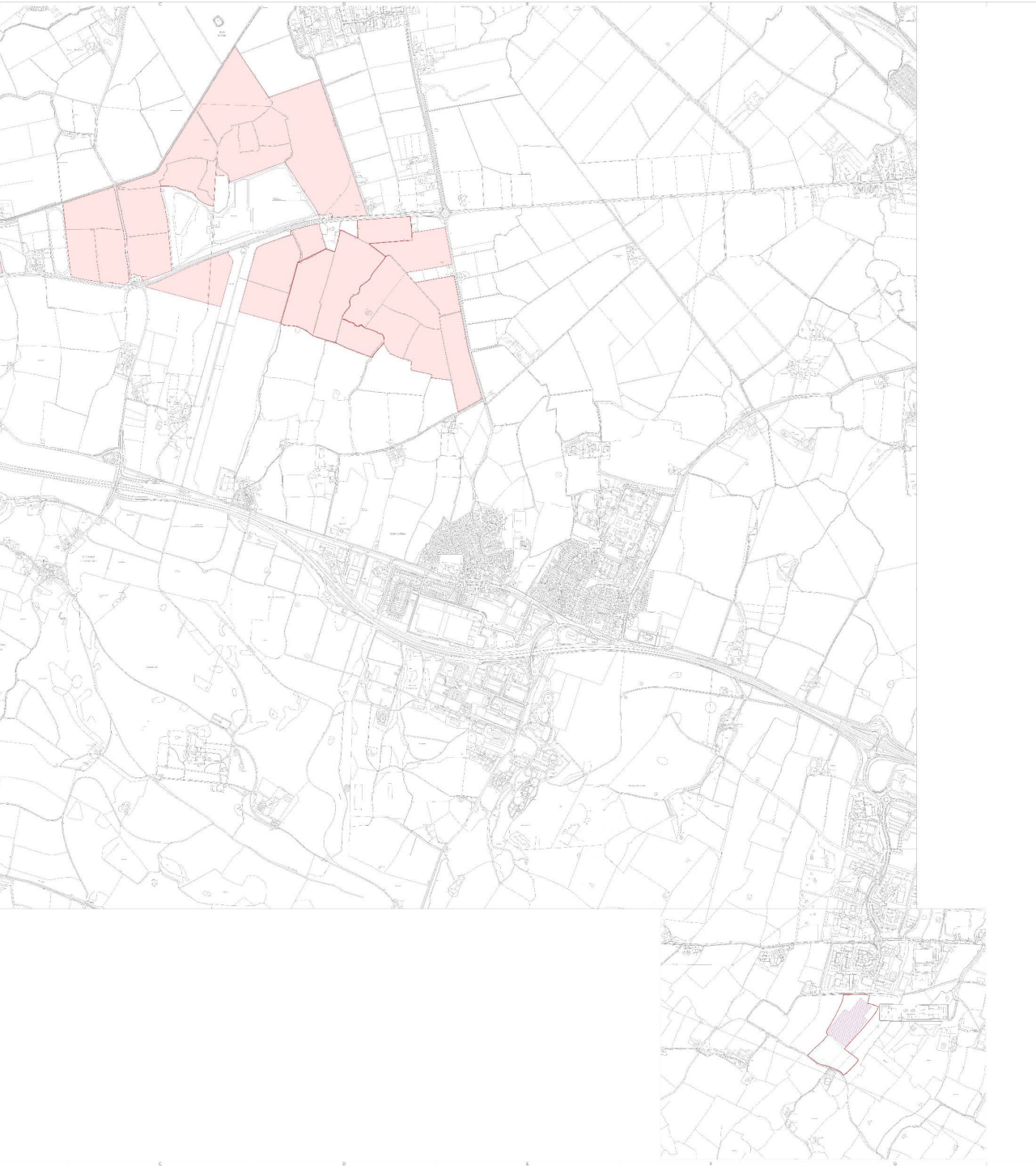
- Defined separation distances between rows of components in line with NFCC guidance.
- Alterations to the metal palisade fencing to more closely enclose BESS components and substation compounds.
- Incorporation of a noise barrier to the west and south of the compound, following the Noise Impact Assessment.
- Amendments to the internal access track to move it away from the Bodelwyddan substation extension.
- Identification of CCTV locations.
- Minor presentational changes.

6.3 This report demonstrates the activities undertaken by the IGP in both undertaking the consultation in line with the relevant legislation and also where IGP has utilised best practice guidance in taking further steps in engaging with interested parties. The submitted Design and Access Statement provides greater detail on the evolution of the scheme's design.

6.4 Importantly, the non-statutory consultation process has identified and addressed matters raised by consultees ahead of producing more detailed plans which will be consulted on during the statutory pre-application consultation later in 2025.

Appendices

Appendix 1 – Consultation Plan



Consultation Plan

Bodelwyddan Solar and Energy Storage

November 2024

D0.1

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Our approach

Consultation requirements

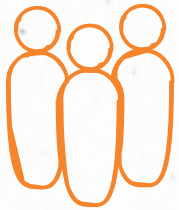
The following legislation and guidance has informed the Consultation Plan:

- **Planning (Wales) Act 2015:** for a Development of National Significance, which will be submitted to the Planning and Environment Decisions Wales for determination by Welsh Ministers.
- **Well-being of Future Generations (Wales) Act 2015**
- **Wales Principles of Public Engagement**
- **Conway County Borough Council & Denbighshire County Council:** discussion with officers and local ward members on the draft Consultation Plan.

Island Green Power is committed to promoting Welsh language and culture, and all key consultation materials will be produced in English and Welsh.

Multi-stage approach

Early engagement – non statutory consultation



- Initial discussions with key elected representatives and stakeholders to introduce the project and discuss the draft Consultation Plan.
- Stakeholder and community engagement on the emerging proposals for Bodelwyddan Solar and Energy Storage **(for a minimum of 4 weeks).**

Statutory consultation

- Update discussions with key elected representatives
- Statutory consultation on the detailed proposals and draft planning application **(for a minimum of 6 weeks).**

Analysis and reporting

- Feedback will be analysed and used to help shape the final application, which will be detailed in the Consultation Report submitted with the planning application.

Consultees

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1

Statutory consultees

- Specialist consultees
- Community consultees
- Relevant persons
- Landowners

2

Non-statutory consultees

- Residents and businesses within the consultation zone
- Local stakeholders and community groups
- Local and regional interest groups

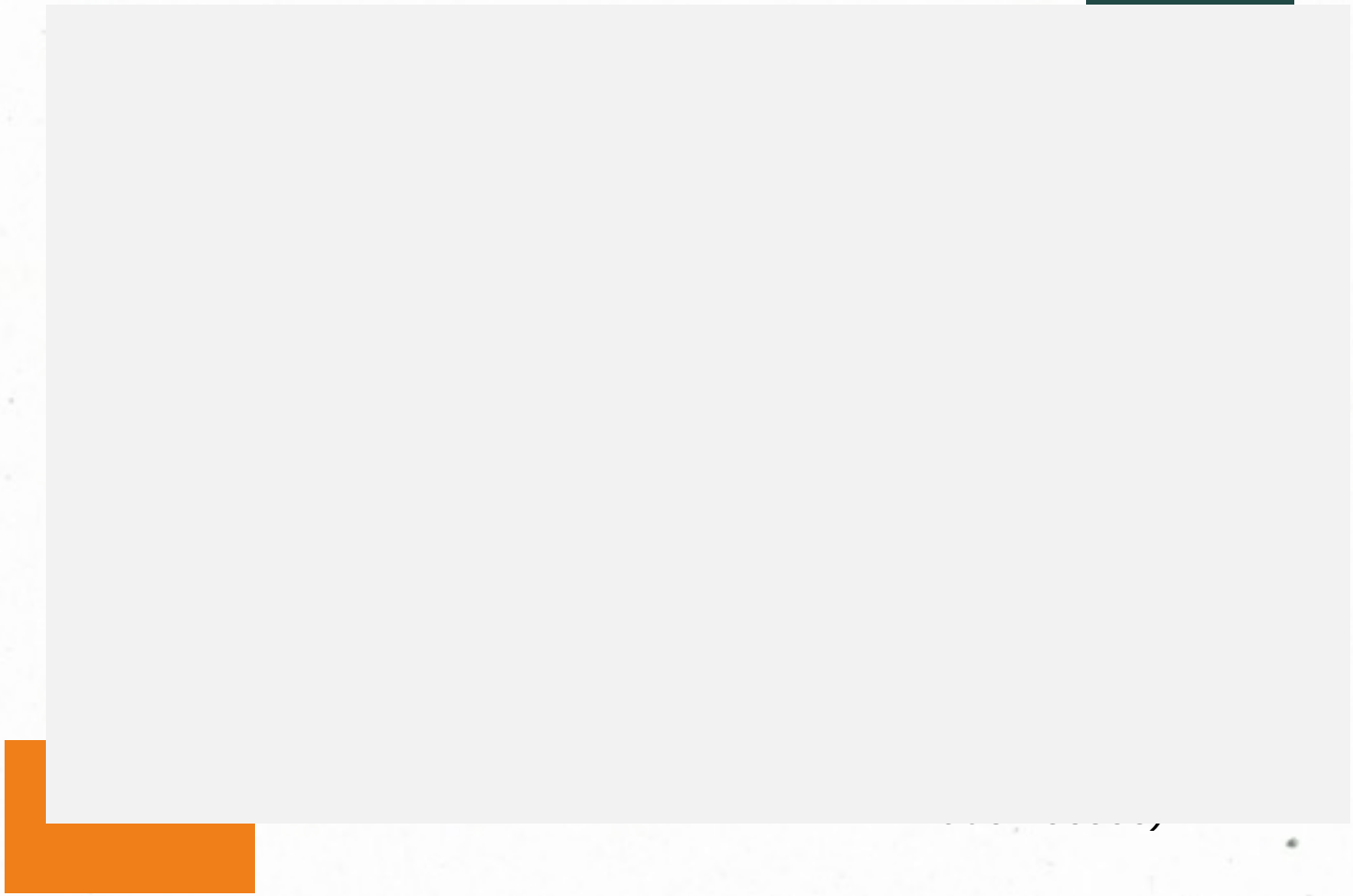
3

Wider community

- Stakeholders, community groups, businesses and residents in the wider area

Consultation zone

Currently getting this sorted with our mailout supplier.



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Methodology

*Timings are indicative

Early engagement

January/February 2024

Inform

- Launch project webpage
- Newsletter to introduce the project and promote the early engagement
- Media release and advert

Collaborate

- Meetings/briefings with local elected representatives/key stakeholders

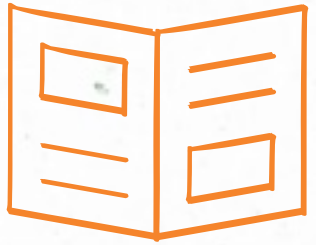
Engage

- Public drop in events
  Feedback form – online or paper copies
- Other feedback mechanisms:
  - ✓ Email:
  - ✓ Telephone
  - ✓ Freepost

Stakeholder feedback

Analysing

All comments obtained during early engagement will be examined, collated and presented to the project team so feedback from local communities and stakeholders can help inform the emerging proposals.



Feedback

Comments received will be categorised into key themes and reported in the interim consultation report will be prepared.

All those stakeholders and residents will be given projects updates and notified of the next steps as the project progresses.

Statutory consultation

Summer 2024

Inform

- Statutory notices
- Launch project webpage
- Newsletter to introduce the project and promote the statutory consultation
- Media release and advert

Collaborate

- Meetings/briefings with local elected representatives/key stakeholders if needed

Engage

- Public drop in events
- Feedback form – online or paper copies
- Other feedback mechanisms:
  - ✓ Email:
  - ✓ Telephone
  - ✓ Freepost

Venues for events

The following events have been organised

Event 1:

Date:

Time:

Venue:

Event 2:

Date:

Time:

Venue:

Event 3:

Date:

Time:

Venue:

Consultation Report

Analysing

All comments received during the statutory consultation will be categorised into key themes and responded to through the Consultation Report

Reporting

The Consultation Report will detail the consultation process and explain how key issues have been addressed in the final proposals, where appropriate. This will form part of the final planning application to be submitted to PEDW.

Indicative timeline

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January-February 2025

Early Engagement

Spring 2025

Stakeholder Feedback

Summer 2025

Statutory Consultation

Late 2025

Analysis, reporting and feedback in Consultation Report

(as part of application submission)

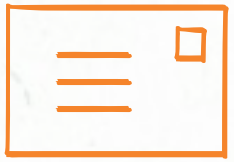
Project contact details

grasshopper

Website: bodelwyddansolar.co.uk

Email: contact@bodelwyddansolar.co.uk

Telephone number: **01745 770513**



Address:

Freepost GRASSHOPPER CONSULT (no stamp or further address required)

Appendix 2 – List of Tier 1 stakeholders

Tier 1 – highest priority key stakeholders to be engaged at early engagement and direct engagement through consultation process.

Tier 1a - Statutory

Site Community Councils

- Bodelwyddan Town
- Abergele Town Council
- Towyn and Kinmel Bay Town Council
- Cefn Meriadog Community Council

Site Local Authority Ward Members

- Conwy County Borough Council
    - Cllr Andrew David Wood (Gele & Llandulas)
    - Cllr Keith Rees Eeles (Gele & Llandulas)
    - Cllr Ros Griffiths-Williams (Gele & Llandulas)
    - Cllr Bernice McLoughlin (Towyn)
    - Cllr Kay Redhead (Kinmel Bay)
    - Cllr Michael David Smith (Kinmel Bay)
    - Cllr Nigel Smith (Kinmel Bay)
- Denbighshire County Borough Council
    - Cllr Raj Metri (Bodelwyddan)
    - Cllr James Elson (Trefnant)

Tier 1b – Non statutory

Site constituency MP

- Simon Baynes MP (Clwyd North)

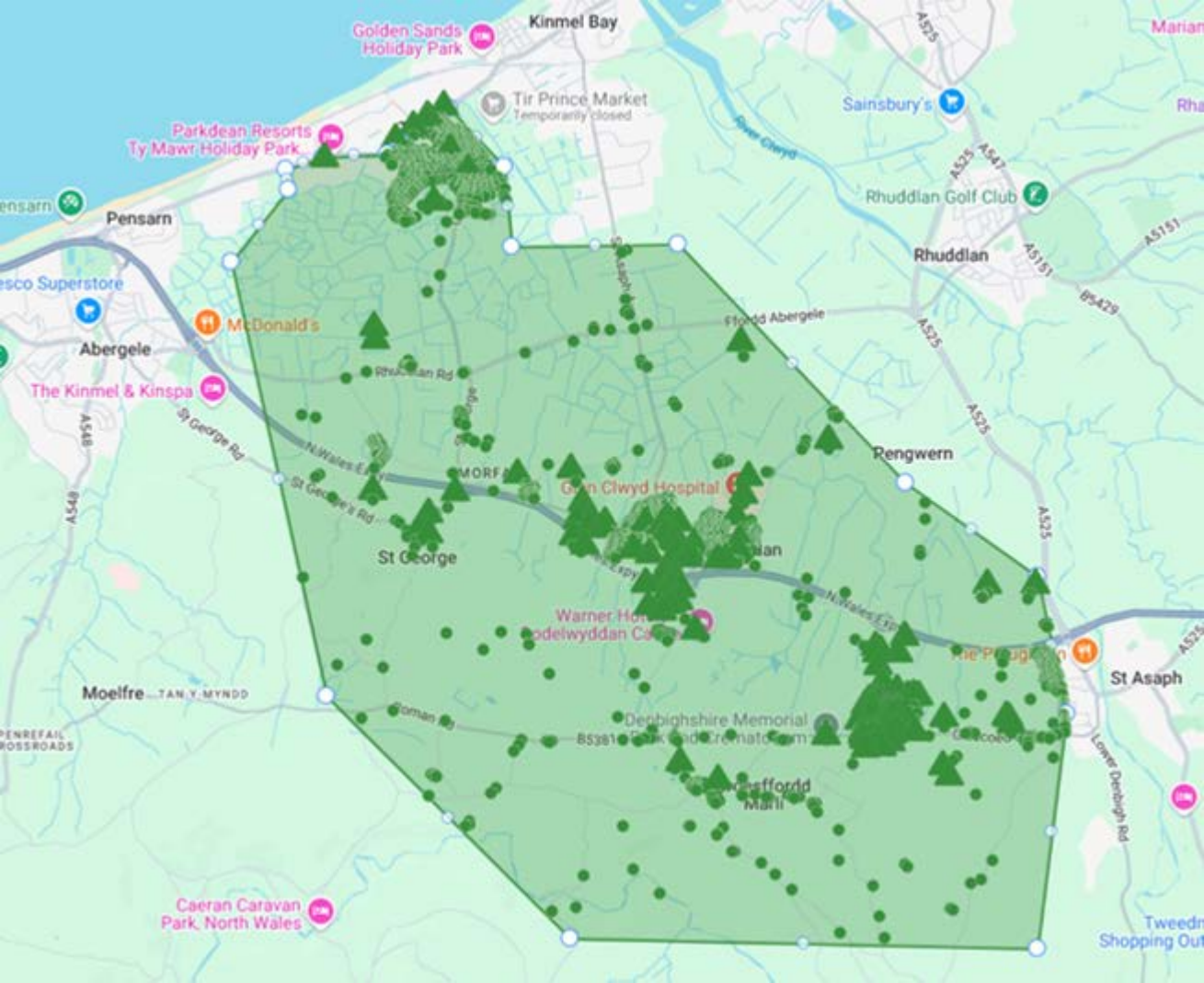
Site constituency MS

- Gareth Davies MS (Vale of Clwyd)
- Darren Millar MS (Clwyd West)

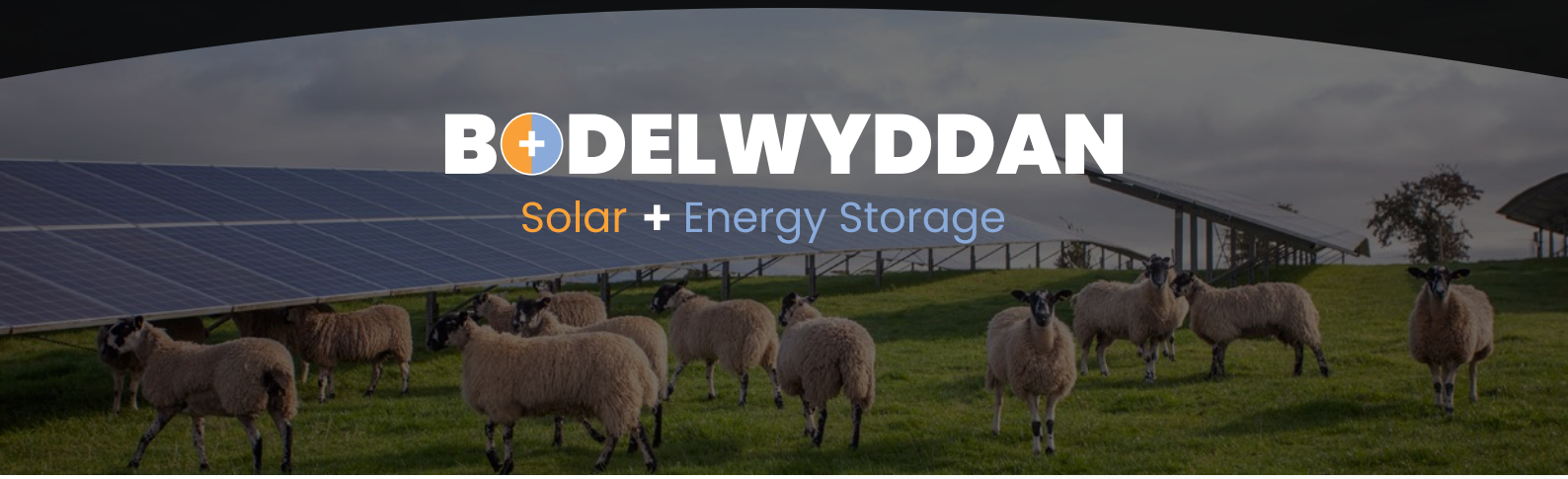
Regional MS – North Wales

- Mark Isherwood
- Sam Rowlands
- Carolyn Thomas
- Llyr Gruffydd

Appendix 3 – Consultation Zone


Golden Sands Holiday Park
Kinmel Bay
Tir Prince Market
Temporarily closed
Parkdean Resorts
Ty Mawr Holiday Park
Sainsbury's
Rhuddlan Golf Club
Pensarn
Rhuddlan
Abergele
McDonald's
The Kinmel & Kinspa
St George Rd
A548
A525
A5151
B5429
Rhuddlan Rd
Ffordd Abergele
Pengwern
St George
Glan Clwyd Hospital
Warner Hotel
Bodelwyddan Castle
Moelfre
Denbighshire Memorial
Park and Crematorium
St Asaph
Caeran Caravan Park, North Wales
Tweedmill Shopping Outlet

Appendix 4 – Bilingual Newsletter



BODELWYDDAN

Solar + Energy Storage

We are Island Green Power (IGP), a leading developer of utility-scale solar energy projects.

We are proposing to develop a new renewable energy scheme called Bodelwyddan Solar and Energy Storage on the border of Conwy and Denbighshire, North Wales. This newsletter explains how we will consult and get your feedback on our proposals.

The proposed scheme comprises a solar farm, with a generation capacity of up to 110 megawatts (MW) annually, and batteries to store the surplus energy generated and supply the national grid as and when needed.

The generation capacity of this scheme means that it would be classified as a Development of National Significance (DNS), to be determined by Welsh Ministers.

About Bodelwyddan Solar and Energy Storage

The scheme is proposed on two separate sites connected by an underground cable. The proposed solar farm is located on land to the northwest of Bodelwyddan, within both Conwy and Denbighshire.

The battery energy storage system (BESS) is proposed on land adjacent to Bodelwyddan substation, south of St Asaph Business Park, within Denbighshire.

Our vision for Bodelwyddan Solar and Energy Storage

Our ambition is for the scheme to become a significant source of clean, "home-grown", renewable energy that contributes to the Welsh Government's net-zero goals and tripling the energy generated from solar power to reach 50 GW by 2030.

The scheme will:

- **Generate renewable energy for the equivalent of approximately 26,657 homes, saving up to 35,569 tonnes of CO^2 per year, reducing Wales' reliance on imported energy.**
- **Provide environmental benefits by creating new habitats for wildlife, mitigation planting and landscaping that will deliver a significant net benefit for biodiversity.**
- **Support continued agricultural use of the land, which could include sheep grazing and poultry farming.**
- **Avoids the use of Best and Most Versatile (BMV) land through the selection of a solar site which comprises over 95% Grade 3b agricultural land and a BESS site which comprises entirely Grade 3b agricultural land.**
- **Deliver a community benefit fund for the lifetime of the project.**

The location of our proposals

+ You can view the site location plans on our project website and in this newsletter.

Kinmel Bay
Towyn
St Asaph Avenue
Gors Road
Solar Site
Existing solar farm
Rhuddlan
Ffordd Abergele
Abergele
Rhuddlan Road
Pensarn
River Clwyd
Pengwern
MORFA
St. George
Bodelwyddan
St Asaph
St Asaph Business Park
Glascoed Road
BESS Site
Bodelwyddan Substation
Roman Rd
St George Rd
St George's Rd
Primrose Hill
Lower Denbigh Rd
Rhyl Rd
Fforddd Derwen
A548
A525
A5151
B5119
B5429
B5381
NWales Expy
24
24A
25
26
27
27A

Live Map

Who we are

Established in 2013, Island Green Power (IGP) is a leading developer of utility-scale solar projects and battery storage systems.

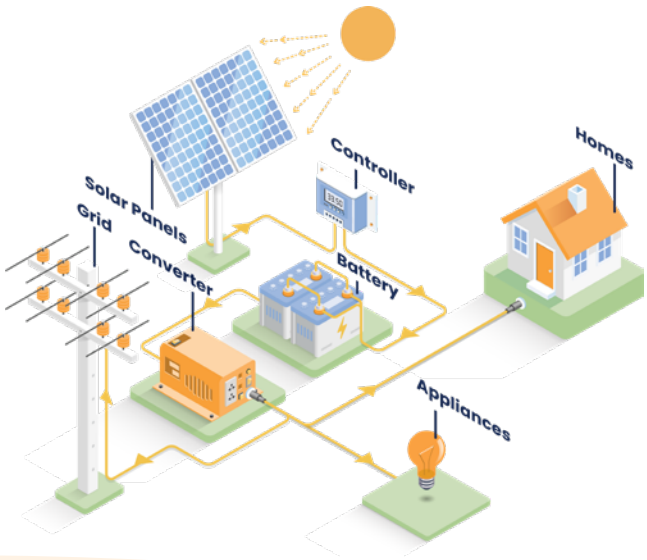
We deliver renewable energy solutions that create lasting value for the communities we serve, protecting the environment while fostering economic growth and energy independence.

We operate in the UK, Spain, Italy, Australia, and New Zealand. Since launch, we have successfully delivered over 34 solar projects worldwide that have generated more than 1 GW of energy capacity, with many now owned by the largest solar investors. This includes 17 solar projects in the UK and Republic of Ireland.

Consultation process

A 4-week non-statutory consultation will run from 13 January until 10 February.

During this period, we encourage you to share your feedback. We will then use it to shape our proposals ahead of the statutory consultation later in 2025 and submission of the DNS application.



Have your say

We are keen to hear your feedback on our emerging proposals. You can view our initial plans, meet our project team and provide feedback during our events:

Event 1

2.30pm – 7.00pm

Wednesday 29 January

Bodelwyddan Community Centre

Event 2

2.00pm – 6.30pm

Thursday 30 January

Towyn and Kinmel Bay Community Resource Centre

If you can't attend one of the events, you can provide feedback or contact us with queries*:

- **Completing the feedback form online:** re-url.uk/W1VN
- **Emailing:** contact@bodelwyddansolar.co.uk
- **Phoning:** 01745 770513
- **Writing to:** Freepost GRASSHOPPER CONSULT (no stamp or further address required)

Please submit your feedback by Monday 10 February.

*These contact details will put you in touch with Grasshopper Communications who are managing the consultation on behalf of Island Green Power.

You can also view our plans online at:
bodelwyddansolar.co.uk

If you would like to receive email updates about the project at key milestones, please register on the website.

BODELWYDDAN

Storio Solar + Ynni

Ni yw Island Green Power (IGP), datblygwr blaenllaw o brosiectau ynni solar ar raddfa cyfleustodau.

Rydym yn cynnig datblygu cynllun ynni adnewyddadwy newydd o'r enw Storio Solar ac Ynni Bodelwyddan ar ffin Conwy a Sir Ddinbych, Gogledd Cymru.

Mae'r cylchlythyr hwn yn esbonio sut y byddwn ni'n ymgynghori ac yn cael eich adborth ar ein cynigion.

Mae'r cynllun arfaethedig yn cynnwys fferm solar, â chapasiti cynhyrchu o hyd at 110 megawat (MW) y flwyddyn, a batris i storio'r ynni dros ben a gynhyrchir a chyflenwi'r grid cenedlaethol yn ôl yr angen.

Mae capasiti cynhyrchu'r cynllun hwn yn golygu y byddai'n cael ei ddosbarthu fel Datblygiad o Arwyddocâd Cenedlaethol, i'w bennu gan Weinidogion Cymru.

Ynglŷn â Storio Solar ac Ynni Bodelwyddan

Mae'r cynllun yn cael ei gynnig ar ddau safle ar wahân sydd wedi'u cysylltu gan gebl tanddaearol. Mae'r fferm solar arfaethedig wedi'i lleoli ar dir i'r gogledd-orllewin o Fodelwyddan, yng Nghonwy a Sir Ddinbych.

Cynigir y system storio ynni batri (BESS) ar dir ger is-orsaf Bodelwyddan, i'r de o Barc Busnes Llanelwy, yn Sir Ddinbych.

Ein gweledigaeth ar gyfer Storio Solar ac Ynni Bodelwyddan

Ein huchelgais yw i'r cynllun ddod yn ffynhonnell sylweddol o ynni glân, "cartref", adnewyddadwy sy'n cyfrannu at nodau sero net Llywodraeth Cymru a threblu'r ynni a gynhyrchir o ynni'r haul i gyrraedd 50 GW erbyn 2030.

Bydd y cynllun yn:

- **Cynhyrchu ynni adnewyddadwy ar gyfer yr hyn sy'n cyfateb i tua 26,657 o gartrefi, gan arbed hyd at 35,569 tunnell o CO^2 y flwyddyn, gan leihau dibyniaeth Cymru ar ynni wedi'i fewnforio.**
- **Darparu buddion amgylcheddol drwy greu cynefinoedd newydd ar gyfer bywyd gwyllt, plannu lliniarol a thirlunio a fydd yn sicrhau budd net sylweddol i fioamrywiaeth.**
- **Cefnogi defnydd amaethyddol parhaus o'r tir, a allai gynnwys pori defaid a ffermio dofednod.**
- **Mae'n osgoi defnyddio'r tir Gorau a Mwyaf Amlbwrpas (BMV) trwy ddewis safle solar sy'n cynnwys dros 95% o dir amaethyddol Gradd 3b a safle BESS sy'n cynnwys tir amaethyddol Gradd 3b yn gyfan gwbl.**
- **Darparu cronfa budd cymunedol am oes y prosiect.**

Lleoliad ein cynigion

+ Gallwch weld cynlluniau lleoliad y safle ar wefan ein prosiect ac yn y cylchlythyr hwn.

Bae Cinmel
Towyn
Rhodfa Llanelwy
Heol Gors
Safle Solar
Pensarn
Abergele
Heol Rhuddlan
Fferm Solar Bresennol
Fford Abergele
Rhuddlan
River Clwyd
Pengwern
MORFA
St. George
Bodelwyddan
Llanelwy
Parc Busnes Llanelwy
Heol Glascoed
Safle BESS
Is-orsaf Bodelwyddan
Map Byw

Pwy ydym ni

Wedi'i sefydlu yn 2013, mae Island Green Power (IGP) yn ddatblygwr blaenllaw o brosiectau solar ar raddfa cyfleustodau a systemau storio batri.

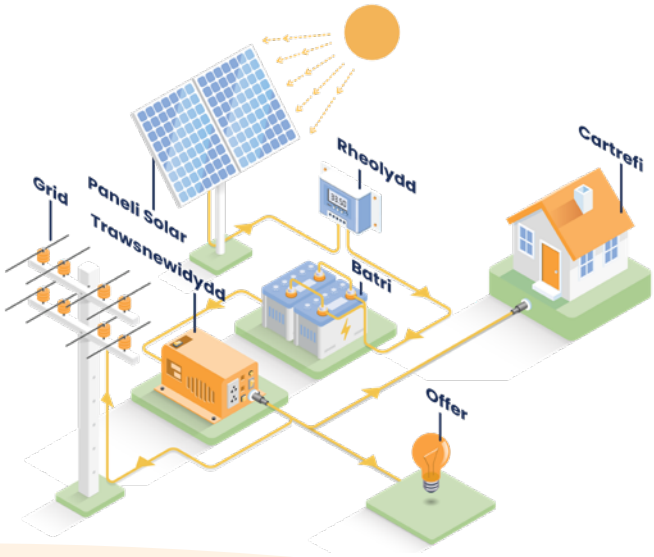
Rydym yn darparu atebion ynni adnewyddadwy sy'n creu gwerth parhaol i'r cymunedau rydym yn eu gwasanaethu, gan ddiogelu'r amgylchedd tra'n meithrin twf economaidd ac annibyniaeth ynni.

Rydym yn gweithredu yn y DU, Sbaen, yr Eidal, Awstralia a Seland Newydd. Ers lansio, rydym wedi llwyddo i gyflawni dros 34 o brosiectau solar ledled y byd sydd wedi cynhyrchu mwy nag 1 GW o gapasiti ynni, gyda llawer bellach yn eiddo i'r buddsoddwyr solar mwyaf. Mae hyn yn cynnwys 17 o brosiectau solar yn y DU a Gweriniaeth Iwerddon.

Y broses ymgynghori

Bydd ymgynghoriad anstatudol 4 wythnos yn rhedeg o 13 Ionawr tan 10 Chwefror.

Yn ystod y cyfnod hwn, rydym yn eich annog i rannu'ch adborth. Yna byddwn ni'n ei ddefnyddio i lunio ein cynigion cyn yr ymgynghoriad statudol yn ddiweddarach yn 2025 a chyflwyno'r cais DNS .



Dweud eich dweud

Rydym yn awyddus i glywed eich adborth ar ein cynigion newydd. Gallwch weld ein cynlluniau cychwynnol, cyfarfod â'n tîm prosiect a rhoi adborth yn ystod ein digwyddiadau:

Digwyddiad 1

2.30pm – 7.00pm

Dydd Mercher 29 Ionawr

Canolfan Gymunedol Bodelwyddan

Digwyddiad 2

2.00pm – 6.30pm

Dydd Iau 30 Ionawr

Canolfan Adnoddau Cymunedol Tywyn a Bae Cinmel

Os na allwch fynychu un o'r digwyddiadau, gallwch roi adborth neu gysylltu â ni ag ymholiadau*:

- **Cwblhau'r ffurflen adborth ar-lein:** re-url.uk/W1B3
- **E-bostio :** contact@bodelwyddansolar.co.uk
- **Ffonio:** 01745 770513
- **Ysgrifennu at:** Freepost GRASSHOPPER CONSULT (nid oes angen stamp na chyfeiriad ychwanegol)

Cyflwynwch eich adborth erbyn dydd Llun 10 Chwefror.

*Bydd y manylion cyswllt hyn yn eich rhoi mewn cysylltiad â Grasshopper Communications, sy'n rheoli'r ymgynghoriad ar ran Island Green Power.

Gallwch hefyd weld ein cynlluniau ar-lein yn :
bodelwyddansolar.co.uk

Os hoffech dderbyn diweddariadau e-bost am y prosiect ar gerrig milltir allweddol, cofrestrwch ar y wefan.

Appendix 5 – Website

Solar Energy Storage

Solar Energy Storage

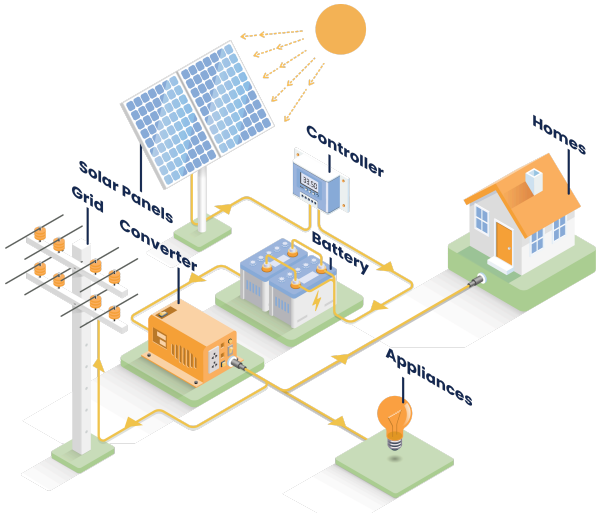
Welcome to Bodelwyddan Solar and Energy Storage

The Bodelwyddan Solar & Energy Storage project is a new renewable energy scheme with solar and battery storage on the border of Conwy and Denbighshire, North Wales.

The project will provide a source of renewable energy generation and storage to help reduce carbon emissions and contribute to the Government's target of net-zero greenhouse gas emissions by 2050.

The project directly supports the UK Government's commitment to making the UK a clean energy superpower by tripling solar power generated by 2030.

As part of the planning process, we are consulting with the local community to get their thoughts and



Solar Energy Storage

About us

The Bodelwyddan Solar and Energy Storage project is being developed by Bodelwyddan Solar & Energy Storage Limited, part of Island Green Power (IGP). Established in 2013, we are a leading developer of utility-scale solar projects and battery storage systems. We have successfully delivered over 34 solar projects worldwide with more than 1GW of energy capacity including 17 projects across the United Kingdom and Ireland.

We deliver renewable energy solutions that create lasting value for the communities we serve, protecting the environment while fostering economic growth and energy independence.

In the UK, we are contributing to the goal of becoming a clean energy superpower and achieving net zero by

Solar Energy Storage

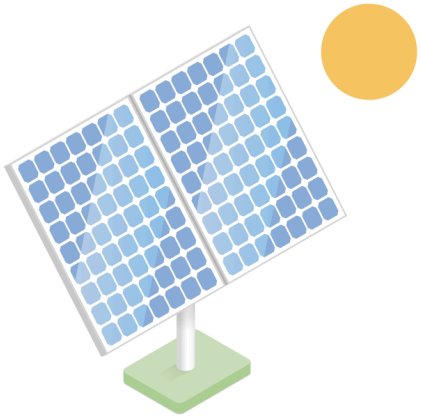
The Project

The Bodelwyddan Solar and Energy Storage project will consist of a solar farm located to the northwest of Bodelwyddan, which could generate up to 110MW of electricity, and a battery energy storage system (BESS) site to the south of St Asaph Business Park which can store up to 110 MW of electricity.

The two sites are separate but will be connected via underground cables.

The point of connection is Bodelwyddan substation, which is adjacent to the BESS site.

Solar Energy Storage



The solar site is located at Land at Rhuddlan Road and has an overall area of 153.79 hectares.

According to our soil surveys, over 95% of the site is in on Grade 3b or below agricultural land and as such is not farmed as Best and Most Versatile (BMV) land.

There is also an existing solar farm in the southern section of the site which has been operational since 2015.

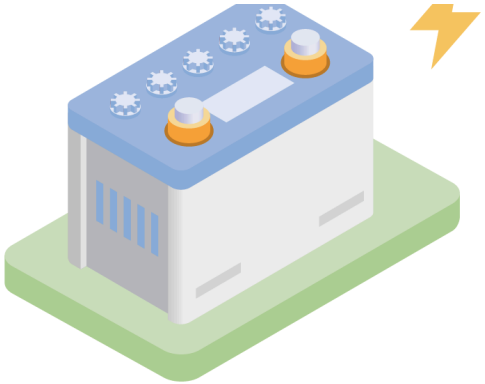
BESS Site

The Battery Energy Storage Systems (BESS) site is located on Land adjacent to the west of

Solar Energy Storage

The site is located on Grade 3b and below agricultural land (not BMV).

The BESS will be connected to the solar site by around 5km of underground cabling. The cable route is yet to be determined, with assessments still ongoing.



The Opportunity

Bodelwyddan Solar and Energy Storage project consists of two elements – a solar site and a battery energy storage system (BESS) site.

Solar Energy Storage

The Solar site could:

Generate up to 110MW of electricity

Save up to 35,569 tonnes of CO^2 per year

Provide enough power to meet the annual electricity demands of 26,657 homes.

The BESS site could:

Solar Energy Storage

energy generation and discharge it when demand is high or renewable generation is low.

The project will also include provision of a Community Benefit Fund to support local projects, should the application receive consent.

Solar Energy Storage

Consultation

We are a community-led developer and will consult closely with local communities,

EVENT 1

Wednesday 29 January
2.30pm – 7.00pm

Solar Energy Storage

improve our designs.

We are keen to hear your feedback on our emerging proposals. You can view our initial plans, meet our project team and provide feedback during our events:

EVENT 2

Thursday 30 January
2.00pm – 6.30pm
Towyn and Kinmel Bay Community Resource Centre

Project timeline

December 2024

Initial pre-application engagement with Conwy County Borough, Denbighshire County Borough Councils, Planning and Environment Decisions Wales (PEDW), and Environmental Impact Assessment (EIA) scoping.

Solar Energy Storage

Summer 2025	**6-week statutory consultation**
Late 2025	**Development of National Significance (DNS) application submission**
Late 2026/ Early 2027	**Potential PEDW decision (based on current anticipated consenting timescales)**
Late 2027/ Early 2028	**Construction period of circa 12-24 months**
2029	**Agreed grid connection. Earliest possibility for project to be fully operational.**

Solar Energy Storage

This library will be updated as the proposal develops and throughout the consultation process. The material presented during our consultation events will be available to download from 30 January 2025.

FAQ's

Where is the site located?

Solar Energy Storage

Will the energy generated provide electricity to homes / businesses in the area?

Does Island Green Power own the land?

How much energy will be generated and how will it impact on reducing carbon emissions?

How far will the project be visible?

Is there any Best and Most Versatile (BMV) land within the site?

Will there be any noise generated by the operation of the project?

Solar Energy Storage

Will there be a community benefit fund?

Have your say

As well as providing feedback during the community consultation events on 29 and 30 January 2025, you can let us know what you think of the emerging proposals for Bodelwyddan Solar and Energy Storage by:

Feedback form

contact@bodelwyddansolar.co.uk

Please submit your feedback by Monday 10 February 2025.

If you would like to receive email updates about the project at key milestones, please register on the website:
bodelwyddansolar.co.uk

Solar Energy Storage

Storage Limited.

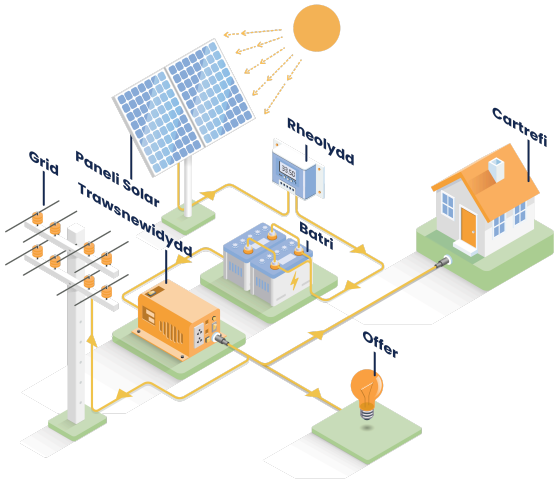
PRIVACY POLICY

Storio Solar Ynni

Storio Solar Ynni

Croeso i Storio Solar ac Ynni Bodelwyddan

Mae prosiect Storio Solar ac Ynni Bodelwyddan yn gynllun ynni adnewyddadwy newydd gyda solar a storio batris ar y ffin rhwng Conwy a Sir Ddinbych, Gogledd Cymru.



Bydd y prosiect yn darparu ffynhonnell ar gyfer cynhyrchu a storio ynni adnewyddadwy i helpu i leihau allyriadau carbon a chyfrannu at darged y Llywodraeth o allyriadau nwyon tŷ gwydr sero net erbyn 2050.

Mae'r prosiect yn cefnogi'n uniongyrchol ymrwymiad Llywodraeth y DU i wneud y DU yn archbŵer ynni glân drwy dreblu pŵer solar a gynhyrchir erbyn 2030.

Fel rhan o'r broses gynllunio, rydym yn ymgynghori â'r gymuned leol i gael eu barn a'u syniadau ar y

Storio Solar Ynni

Amdanom ni

Mae prosiect Storio Solar ac Ynni Bodelwyddan yn cael ei ddatblygu gan Bodelwyddan Solar & Energy Storage Limited, rhan o Island Green Power (IGP). Wedi'i sefydlu yn 2013, rydym yn ddatblygwr blaenllaw o brosiectau solar ar raddfa cyfleustodau a systemau storio batri. Rydym wedi cyflawni dros 34 o brosiectau solar yn llwyddiannus ledled y byd gyda mwy nag 1GW o gapasiti ynni gan gynnwys 17 o brosiectau ledled y Deyrnas Unedig ac Iwerddon.

Rydym yn darparu atebion ynni adnewyddadwy sy'n creu gwerth parhaol i'r cymunedau yr ydym yn eu gwasanaethu, gan ddiogelu'r amgylchedd tra'n meithrin twf economaidd ac annibyniaeth ynni.

Yn y DU, rydym yn cyfrannu at y nod o ddod yn archbŵer ynni glân a chyflawni sero net erbyn 2050.

Storio Solar Ynni

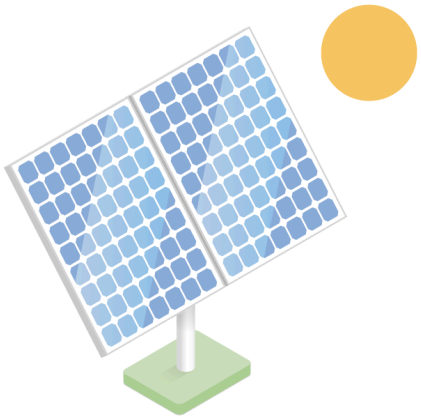
Y Prosiect

Bydd prosiect Storio Solar ac Ynni Bodelwyddan yn cynnwys fferm solar i'r gogledd-orllewin o Fodelwyddan a allai gynhyrchu hyd at 110MW o drydan, a safle system storio ynni batri (BESS) i'r de o Barc Busnes Llanelwy a all storio hyd at 110 MW o drydan.

Mae'r ddau safle ar wahân ond byddant yn cael eu cysylltu trwy geblau tanddaearol.

Y pwynt cyswllt yw is-orsaf Bodelwyddan, sydd gerllaw y safle BESS.

Storio Solar Ynni



Mae'r safle solar ar Ffordd Rhuddlan ac mae ganddo gyfanswm arwynebedd o 153.79 hectar.

Yn ôl ein harolygon pridd, mae dros 95% o'r safle ar dir amaethyddol Gradd 3b neu islaw ac felly nid yw'n cael ei ffermio fel tir Gorau a Mwyaf Amlbwrpas (BMV).

Hefyd mae fferm solar yn rhan ddeheuol y safle eisoes sydd wedi bod yn weithredol ers 2015.

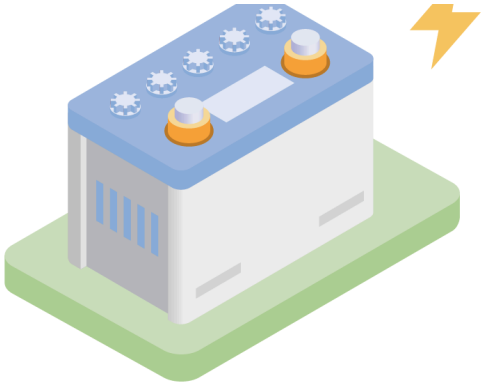
Safle BESS

Mae safle Systemau Storio Ynni Batri (BESS) wedi'i leoli ar dir gerllaw is-orsaf Bodelwyddan, i'r de o Barc Busnes Llanelwy.

Storio Solar Ynni

3b ac islaw (nid BMV).

Bydd y BESS yn cael ei gysylltu â'r safle solar gan tua 5km o geblau tanddaearol. Nid yw llwybr y ceblau wedi'i benderfynu eto,



Y Cyfle

Mae prosiect Storio Solar ac Ynni Bodelwyddan yn cynnwys dwy elfen – safle solar a safle system storio ynni batri (BESS).

Storio Solar Ynni

Gallai'r safle solar:

Gynhyrchu hyd at **110MW** o drydan

Arbed hyd at **35,569 tunnell** o CO^2 y flwyddyn

Darparu digon o bŵer i fodloni gofynion trydan blynyddol **26,657** o gartrefi.

Gallai'r safle BESS:

adnewyddadwy uchel a'i ollwng pan fo'r galw'n uchel neu pan fo cynhyrchiant adnewyddadwy yn isel.

Bydd y prosiect hefyd yn cynnwys darparu Cronfa Budd Cymunedol i gefnogi prosiectau lleol, pe byddai'r cais yn cael caniatâd.

Storio Solar Ynni

Ymgynghoriad

Rydym yn ddatblygwr sy'n cael ei arwain gan y gymuned a byddwn ni'n

EVENT 1

Dydd Mercher 29 Ionawr
2.30pm – 7.00pm

Storio Solar Ynni

dyluniadau.

Rydym yn awyddus i glywed eich adborth ar ein cynigion newydd. Gallwch weld ein cynlluniau cychwynnol, cyfarfod â'n tîm prosiect a rhoi adborth yn ystod ein digwyddiadau:

EVENT 2

Dydd Iau 30 Ionawr
2.00pm – 6.30pm
Canolfan Adnoddau Cymunedol
Tywyn a Bae Cinmel

Amserlenni'r prosiect

Rhagfyr 2024

Ymgysylltiad cyn ymgeisio cychwynnol â Chynghorau Bwrdeistref Sirol Conwy, Chyngor Bwrdeistref Sirol Sir Ddinbych, Phenderfyniadau Cynllunio ac Amgylchedd

Storio Solar Ynni

Ionawr - Chwefror 2025 — **Ymgynghoriad anstatudol 4 wythnos**

Haf 2025 — **Ymgynghoriad statudol 6 wythnos**

Diwedd 2025 — **Cyflwyno cais Datblygiad o Arwyddocâd Cenedlaethol (DNS)**

Diwedd 2026/ Dechrau 2027 — **Penderfyniad PEDW posibl (yn seiliedig ar yr amserlenni caniatáu a ragwelir ar hyn o bryd)**

Diwedd 2027/ Dechrau 2028 — **Cyfnod adeiladu o tua 12-24 mis**

2029 — **Cysylltiad grid y cytunwyd arno. Y posibilrwydd cynharaf i'r prosiect fod yn gwbl weithredol**

Storio Solar Ynni

Llyfrgell Dogfennau

Bydd y llyfrgell hon yn cael ei diweddaru wrth i'r cynnig ddatblygu a thrwy gydol y broses ymgynghori. Mae'r deunydd a gyflwynwyd yn ystod ein digwyddiadau ymgynghori anstatudol bellach ar gael i'w lawrlwytho.

Byrddau arddangos - Ionawr 2025

Cwestiynau Cyffredin

Storio Solar Ynni

Pa mor fawr yw'r prosiect arfaethedig?

A fydd yr ynni a gynhyrchir yn darparu trydan i gartrefi /busnesau yn yr ardal?

Ai Island Green Power yw perchennog y tir?

Faint o ynni fydd yn cael ei gynhyrchu a sut fydd yn effeithio ar leihau allyriadau carbon?

Pa mor bell fydd y prosiect yn weladwy?

A oes unrhyw dir Gorau a Mwyaf Amlbwrpas (BMV) o fewn y safle?

Storio Solar Ynni

Pa fesurau fyddwch chi'n eu rhoi ar waith i reoli draenio ac osgoi llifogydd?

A fydd cronfa budd cymunedol?

Dweud eich dweud

Yn ogystal â darparu adborth yn ystod y digwyddiadau ymgynghori cymunedol ar 29 a 30 Ionawr 2025, gallwch roi gwybod i ni beth yw eich barn am y cynigion sy'n dod i'r amlwg ar gyfer Storio Solar ac Ynni Bodelwyddan drwy:

Cyflwynwch eich adborth erbyn dydd Llun 10 Chwefror 2025.

Storio Solar Ynni

01745 770513

Freepost GRASSHOPPER CONSULT (nid oes angen stamp na chyfeiriad ychwanegol)

Bydd y manylion cyswllt hyn yn eich rhoi mewn cysylltiad â Grasshopper Communications sy'n rheoli'r ymgynghoriad ar ran Bodelwyddan Solar & Energy Storage Limited.

PRIVACY POLICY (ar gael yn Saesneg yn unig)

Cy footer 2025

Appendix 6 – Feedback form

BODELWYDDAN
Solar + Energy Storage

Feedback Form

This feedback form has been designed to be completed having reviewed the information at our community events, which is also available on the project website: **bodelwyddansolar.co.uk**

If you want to take the feedback form and complete it at home, please return it via post to **Freepost GRASSHOPPER CONSULT**.

1. **Which of the following best describes your initial thoughts on the proposals for Bodelwyddan Solar and Energy Storage Project?** (please tick)

Strongly Supportive	Supportive	Undecided	Opposed	Strongly Opposed

Please give reasons for your answer

2. **What environmental issues about this proposal are most important to you?**

Traffic, access, and construction		Air quality	
Noise and light pollution		Water and flood risk	
Landscape and views		Local ecology and biodiversity	
Energy needs and climate change		Land quality and use	
Heritage and historic environment			

Other (please detail)	

Please give reasons for your answer

3. **Do you have any further comments on our proposals at this stage?**

This consultation:

4. **Please provide any suggestions you would like us to consider for our future engagement and consultation.**

5. How did you find out about this early consultation?

Social media		Word of mouth	
Media (newspaper, radio, TV)		Through a local group/organisation	
Receipt of project newsletter			
Other (please specify)			

6. How informative have you found our consultation?

Very informative	Somewhat informative	Undecided	Somewhat uninformative	Very uninformative	Don't know

7. Have you attended one of our consultation events?

Yes		No	

8. If yes, did you find the event useful and informative?

Very informative	Somewhat informative	Undecided	Somewhat uninformative	Very uninformative	Don't know

9. If no, what was the reason?

Unable to attend		Events not yet held	
Not interested		Other (please state below)	

GDPR statement

Bodelwyddan Solar & Energy Storage Limited will use and store the information provided by you in line with the GDPR (General Data Protection Regulation).

How will Bodelwyddan Solar & Energy Storage Limited use information we collect about you?

We will use your personal data collected via this consultation for our legitimate business purposes, including:

· To analyse your feedback to the consultation

· To produce a Pre-Application Consultation Report, based on our analysis of responses (individuals will not be identified in the Report)

· To write to you with updates about the results of the consultation and other developments if you have opted in to receive these updates.

· To keep up to date records of our communications with individuals and organisations.

Any personal information you include in this form or email will be handled and used by (or made available to) the following recipients to record, analyse and report on the feedback we receive:

· Bodelwyddan Solar & Energy Storage Limited

. Island Green Power UK Ltd

· PEDW (which will consider our application for consent to build Bodelwyddan Solar and Energy Storage - any details as part of this process will be anonymised).

· The Welsh Ministers

· Our legal advisers

· Consultants working on Bodelwyddan Solar and Energy Storage.

What rights do I have over my personal data?

Under the terms of the UK GDPR, you have certain rights over how your personal data is retained and used by Bodelwyddan Solar & Energy Storage Limited. For more information, see our full data privacy statement visit Privacy Policy.

☐ Please tick to confirm you have read and understood the GDPR statement.

About you

Please provide your postcode below to allow us to more accurately pinpoint respondents' views and needs by area.

If you would like to be kept updated on the plans as they progress, please include your name and email address. These details will only be used to contact you in relation to the Bodelwyddan Solar and Energy Storage project.

Name	
Address	
Email	
Tel	

Equalities monitoring

Please provide the following information to help us identify who our consultation has reached. All information is strictly confidential and subject to General Data Protection Regulations (GDPR). Completing these questions is entirely voluntary and your responses will be anonymous.

1. What is your age group?
    - 14 and under
    - 15-19
    - 20-24
    - 25-34
    - 35-44
    - 45-54
    - 55-64
    - 65-74
    - 75+

2. Which of the following best describes your gender?
    - Male
    - Female
    - Non-binary
    - In another way (please write in):
    - Prefer not to say

3. Do you consider yourself to have a disability or long-term health condition?
    - Yes
    - No
    - Prefer not to say

4. How would you describe your ethnic background? If you identify as having mixed or multiple ethnicities, please select all that apply.

Asian or Asian British/Welsh	**Tick**	**White**	**Tick**
Bangladeshi		Welsh	
Chinese		English	
Indian		Scottish	
Pakistani		Northern Irish	
Other Asian (please specify)		British	
Black or Black British/Welsh	**Tick**	Irish	
African		Polish	
Caribbean		Roma	
Other Black (please specify)		Gypsy or Irish Traveller	
Other Ethnicity	**Tick**	Other White (please specify)	
Arab			
Please specify here:			

5. What is your religion or belief?

- No religion (including atheist)
- Buddhist
- Christian
- Hindu
- Jewish
- Muslim
- Sikh
- Any other religion or belief (please specify):
- Prefer not to say

6. Are you able to do any of the following in Welsh? (Please select one option per column)

	Speak	Read	Write	Listen
Not at all				
Beginner				
Fairly fluently				
Fluently				
Prefer not to say				

7. Which of the following best describes what you are doing at present?

- Working full-time (30+ hours per week)
- Working part-time (less than 30 hours per week)
- On a zero-hour contract
- In full-time education
- On a UK Government-supported training scheme
- Unemployed
- Retired
- Not working due to sickness or disability
- Full-time carer
- Other
- Prefer not to say

8. Do you have any of the following caring responsibilities?

- Primary carer of a child or children (under 18)
- Primary carer of a child or children who is disabled, has a health condition or has temporary care needs (under 18)
- Primary carer or assistant for a disabled adult or adults (18 or over)
- Primary carer or assistant for an older person or people (65 and over)
- Secondary carer (another person carries out main caring role)
- None
- Prefer not to say
- Other (please describe):

BODELWYDDAN
Solar + Energy Storage

Ffurflen Adborth

Mae'r ffurflen adborth hon wedi'i dylunio i'w chwblhau ar ôl adolygu'r wybodaeth yn ein digwyddiadau cymunedol, sydd hefyd ar gael ar wefan y prosiect: **bodelwyddansolar.co.uk**

Os ydych am gymryd y ffurflen adborth a'i chwblhau gartref, dychwelwch hi drwy'r post i **Freepost GRASSHOPPER CONSULT**.

1. **Pa un o'r canlynol sy'n disgrifio orau eich barn gychwynnol ar y cynigion ar gyfer Prosiect Storio Solar ac Ynni Bodelwyddan?** (ticiwch)

Cefnogol lawn	Cefnogol	Nid y naill na'r llall	Gwrthwynebu	Gwrthwynebu'n Gryf

Rhowch resymau dros eich ateb

2. **Pa faterion amgylcheddol ynghylch y cynnig hwn sydd bwysicaf i chi?**

Traffig, mynediad ac adeiladu		Ansawdd aer	
Llygredd sŵn a golau		Perygl dŵr a llifogydd	
Tirwedd a golygfeydd		Ecoleg a bioamrywiaeth leol	
Anghenion ynni a newid hinsawdd		Ansawdd a defnydd tir	
Treftadaeth a'r amgylchedd hanesyddol			

Arall (manylwch)	

Rhowch resymau dros eich ateb

3. A oes gennych unrhyw sylwadau pellach ar ein cynigion ar hyn o bryd?

Yr ymgynghoriad hwn:

4. Darparwch unrhyw awgrymiadau yr hoffech i ni eu hystyried ar gyfer ein dulliau ymgysylltu ac ymgynghori yn y dyfodol.

5. Sut daethoch chi i wybod am yr ymgynghoriad hwn?

Y cyfryngau cymdeithasol		Ar lafar	
Cyfryngau (papur newydd, radio, teledu)		Trwy grŵp/sefydliad lleol	
Derbyn cylchlythyr y prosiect			
Arall (nodwch)			

6. Pa mor addysgiadol fu ein hymgynghoriad i chi?

Addysgiadol iawn	Rhywfaint yn addysgiadol	Nid y naill na'r llall	Rhywfaint yn anaddysgiadol	Anaddysgiadol iawn	Ddim yn gwybod

7. Ydych chi wedi mynychu un o'n digwyddiadau ymgynghori?

Ydw ☐ Nac ydw ☐

8. Os ydych, a oedd y digwyddiad yn ddefnyddiol ac yn addysgiadol i chi?

Addysgiadol iawn	Rhywfaint yn addysgiadol	Nid y naill na'r llall	Rhywfaint yn anaddysgiadol	Anaddysgiadol iawn	Ddim yn gwybod

9. Os nad ydych, beth oedd y rheswm?

Methu mynychu	
Dim diddordeb	
Digwyddiadau heb eu cynnal eto	
Arall (nodwch isod)	

Datganiad GDPR

Bydd Bodelwyddan Solar & Energy Storage Limited yn defnyddio ac yn storio'r wybodaeth a ddarperir gennych yn unol â'r GDPR (Rheoliad Diogelu Data Cyffredinol).

Sut fydd Bodelwyddan Solar & Energy Storage Limited yn defnyddio'r wybodaeth a gasglwn amdanoch chi?

Byddwn yn defnyddio'ch data personol a gesglir trwy'r ymgynghoriad hwn at ein dibenion busnes cyfreithlon, gan gynnwys:

· Dadansoddi'ch adborth i'r ymgynghoriad

· Cynhyrchu Adroddiad Ymgynghori Cyn Ymgeisio, yn seiliedig ar ein dadansoddiad o ymatebion (ni fydd unigolion yn cael eu hadnabod yn yr Adroddiad)

· Ysgrifennu atoch â diweddariadau am ganlyniadau'r ymgynghoriad a datblygiadau eraill os ydych wedi optio i mewn i gael y diweddariadau hyn.

· Cadw cofnodion cyfredol o'n cyfathrebiadau ag unigolion a sefydliadau.

Bydd unrhyw wybodaeth bersonol rydych yn ei chynnwys yn y ffurflen hon yn cael ei thrafod a'i defnyddio gan (neu trefnir ei bod ar gael iddynt) y derbynwyr canlynol i gofnodi, dadansoddi ac adrodd ar yr adborth a dderbyniwn:

. Bodelwyddan Solar & Energy Storage Limited

· Island Green Power UK Ltd

· PEDW (fydd yn ystyried ein cais am ganiatâd i adeiladu Storio Solar ac Ynni Bodelwyddan – bydd unrhyw fanylion a gyhoeddir fel rhan o'r broses hon yn cael eu hanonymeiddio)

· Y Gweinidogion Cymreig

· Ein cynghorwyr cyfreithiol

· Ymgynghorwyr yn gweithio ar ddatblygiad Storio Solar ac Ynni Bodelwyddan.

Pa hawliau sydd gennyf dros fy nata personol?

O dan delerau GDPR y DU, mae gennych hawliau penodol dros sut mae'ch data personol yn cael eu cadw a'u defnyddio gan Bodelwyddan Solar & Energy Storage Limited. Am fwy o wybodaeth, ewch i'n datganiad preifatrwydd data llawn Privacy Policy

☐ Ticiwch i gadarnhau eich bod wedi darllen a deall y datganiad GDPR.

Amdanoch chi

Rhowch eich cod post isod i'n galluogi i nodi barn ac anghenion ymatebwyr yn fwy cywir fesul ardal.

Os hoffech gael y wybodaeth ddiweddaraf am y cynlluniau wrth iddynt fynd rhagddynt, a fyddech cystal â chynnwys eich enw a'ch cyfeiriad e-bost. Dim ond i gysylltu â chi mewn perthynas â phrosiect Storio Solar ac Ynni Bodelwyddan y defnyddir y manylion hyn.

Enw	
Cyfeiriad	
E-bost	
Ffôn	

Ffurflen monitro cydraddoldebau

Darparwch yr wybodaeth ganlynol i'n helpu i nodi pwy y mae ein hymgynghoriad wedi'i gyrraedd. Mae'r holl wybodaeth yn gwbl gyfrinachol ac yn ddarostyngedig i Reoliadau Diogelu Data Cyffredinol (GDPR). Mae cwblhau'r cwestiynau hyn yn gwbl wirfoddol a bydd eich ymatebion yn ddienw.

Beth yw eich grŵp oedran?

- 14 ac iau
- 15-19
- 20-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65-74
- 75+

Pa un o'r canlynol sy'n disgrifio eich rhywedd orau?

- Gwryw
- Benyw
- Anneuaidd
- Mewn ffordd arall (ysgrifennwch os gwelwch yn dda):
- Mae'n well gen i beidio â dweud

A ydych yn ystyried bod gennych anabledd neu gyflwr iechyd hirdymor?

- Ydw
- Nac ydw
- Mae'n well gen i beidio â dweud

Sut byddech chi'n disgrifio'ch cefndir ethnig? Os ydych yn nodi bod gennych ethnigrwydd cymysg neu luosog, dewiswch bob un sy'n berthnasol.

- Asiaidd neu Asiaidd Cymreig/Prydeinig: Bangladeshaidd
- Asiaidd neu Asiaidd Cymreig/Prydeinig: Tseiniaidd
- Asiaidd neu Asiaidd Cymreig/Prydeinig: Indiaidd
- Asiaidd neu Asiaidd Cymreig/Prydeinig: Pacistanaidd
- Asiaidd neu Asiaidd Cymreig/Prydeinig: Asiaidd arall (dewiswch 'grŵp ethnig arall' hefyd a nodwch)
- Du neu Ddu Cymreig/Prydeinig: Affricanaidd

- Du neu Ddu Cymreig/Prydeinig: Caribïaidd
- Du neu Ddu Cymreig/Prydeinig: Du Arall (dewiswch 'grŵp ethnig arall' hefyd a nodwch)
- Gwyn: Cymreig, Seisnig, Albanaidd, Gogledd Iwerddon neu Brydeinig
- Gwyn – Gwyddelig
- Gwyn: Pwylaidd
- Gwyn – Sipsi neu Deithiwr Gwyddelig
- Gwyn: Roma
- Gwyn: Gwyn Arall (dewiswch 'grŵp ethnig arall' hefyd a nodwch)
- Grŵp ethnig arall: Arabaidd
- Grŵp ethnig arall: Nodwch

Beth yw eich crefydd neu gred?

- Dim crefydd (gan gynnwys anffyddiwr)
- Bwdhaidd
- Cristnogol
- Hindŵaidd
- Iddewig
- Moslemaidd
- Sicaidd
- Unrhyw grefydd neu gred arall (nodwch):
- Mae'n well gen i beidio â dweud

Ydych chi'n gallu gwneud unrhyw un o'r canlynol yn y Gymraeg? (Dewiswch un opsiwn ym mhob colofn)

	Siarad	Darllen	Ysgrifennu	Gwrando
Ddim o gwbl				
Dechreuwr				
Eithaf rhugl				
Yn rhugl				
Mae'n well gen i beidio â dweud				

Pa un o'r canlynol sy'n disgrifio orau beth rydych chi'n ei wneud ar hyn o bryd?

- Gweithio'n amser llawn (30+ awr yr wythnos)
- Gweithio'n rhan-amser (llai na 30 awr yr wythnos)
- Ar gontract dim oriau
- Mewn addysg amser llawn
- Ar gynllun hyfforddi a gefnogir gan Lywodraeth y DU
- Di-waith
- Wedi ymddeol
- Ddim yn gweithio oherwydd salwch neu anabledd
- Gofalwr amser llawn
- Arall
- Mae'n well gen i beidio â dweud

A oes gennych unrhyw rai o'r cyfrifoldebau gofalu canlynol?

- Prif ofalwr plentyn neu blant (dan 18 oed)
- Prif ofalwr plentyn neu blant sy'n anabl, sydd â chyflwr iechyd neu sydd ag anghenion gofal dros dro (dan 18 oed)
- Prif ofalwr neu gynorthwyydd ar gyfer oedolyn neu oedolion anabl (18 neu hŷn)
- Prif ofalwr neu gynorthwy-ydd ar gyfer person neu bobl hŷn (65 a hŷn)
- Gofalwr eilaidd (mae person arall yn cyflawni'r brif rôl ofalu)
- Dim
- Mae'n well gen i beidio â dweud
- Arall (disgrifiwch):

Appendix 7 – Media release

Media Release

Date of release: Monday 13 January 2025

Consultation launched on proposals for Bodelwyddan Solar & Energy Storage

Island Green Power is at an early stage of developing plans for a renewable energy scheme consisting of solar and energy storage on the border between Conwy and Denbighshire, North Wales.

The Bodelwyddan Solar and Energy Storage project will provide a source of renewable energy to help reduce carbon emissions and contribute to Wales' net-zero goals. It is estimated that the solar project could generate up to 110 MW of electricity, which is equivalent to providing enough power to meet the annual electricity needs of approximately 26,650 homes.

The solar component, located northwest of Bodelwyddan on land at Rhuddlan Road, will then be connected to a 110MW battery storage energy system (BESS), via a circa 5km cable connection. The site will also be connected to Bodelwyddan substation, adjacent to the BESS site, as agreed with National Grid.

As Bodelwyddan Solar & Energy Storage has an export capacity above 10MW, it is considered a Development of National Significance (DNS) and so will be determined by the Welsh Ministers.

Nick Bowen, Senior Project Development Manager at Island Green Power said: "Generating clean energy that reduces carbon emissions is critical to our future, as reflected in Wales's net-zero goals. We are therefore hopeful that the local community will attend our public consultation events to learn more about the initial proposals. We value early-stage input from the community, which is vital in shaping the emerging plans."

The following community consultation events are taking place:

- 2.30pm – 7pm on Wednesday, 29 January in Bodelwyddan Community Centre, Ronaldsway, Bodelwyddan, LL18 5TE
- 2pm – 6.30pm on Thursday 30 January in Towyn and Kinmel Bay Community Resource Centre, The Square, Off Foryd Road, Kinmel Bay, LL18 5BT

For those unable to attend the consultation events, a project website has been established: bodelwyddansolar.co.uk. Also, local residents in the vicinity of Bodelwyddan Solar and Battery Storage have been sent a newsletter about the project and the consultation events.

ENDS

For more information, please contact Kath Thomas by emailing kath@grasshopper-comms.co.uk or calling 07866 461142.

Notes to Editors

Island Green Power is a leading international developer of Solar Photovoltaic (PV) Plants, with a focus on lutility-scale solar farms and battery energy storage projects.

We have over 25 years' experience in the energy industry, 10 of those specifically in the Solar PV sector. From finding land and assessing viability; to seeking planning permission and grid connection permits; to bringing a site to a notice to proceed stage – our highly experienced management team has completed over 1GW of projects around the world. These projects are now owned by some of the largest solar investors in the world.

Our mission is to help every country we operate in to increase their solar energy generation, making more renewable energy possible and saving thousands of tonnes of CO2 in the process. To achieve this, we are working on projects around the world, including UK, Spain, New Zealand, Australia and Italy, Spain. We are also supported by an established network of professional advisors and local partners in the various markets in which we operate. We are committed to responsible land use and believe that the development and commercial delivery of large-scale solar farms can be achieved in harmony with their surroundings.

Datganiad i'r Cyfryngau

Dyddiad cyhoeddi: Dydd Llun 13 Ionawr 2025

Lansio ymgynghoriad ar gynigion ar gyfer Solar a Storio Ynni Bodelwyddan

Mae Island Green Power ar gyfnod cynnar o ddatblygu cynlluniau ar gyfer cynllun ynni adnewyddadwy sy'n cynnwys solar a storio ynni ar y ffin rhwng Conwy a Sir Ddinbych, Gogledd Cymru.

Bydd prosiect Solar a Storio Ynni Bodelwyddan yn darparu ffynhonnell ynni adnewyddadwy i helpu i leihau allyriadau carbon a chyfrannu at nodau sero net Cymru. Amcangyfrifir y gallai'r prosiect solar gynhyrchu hyd at 110 MW o drydan, sy'n cyfateb i ddarparu digon o bŵer i ateb anghenion blynyddol tua 26,650 o gartrefi.

Bydd y gydran solar, wedi'i lleoli i'r gogledd-orlleiwn o Fodelwyddan ar dir ar Ffordd Rhuddlan, yn cael ei chysylltu wedyn â system storio ynni batri 110MW (BESS), trwy gysylltiad cebl tua 5km. Bydd y safle hefyd yn cael ei gysylltu ag is-orsaf Bodelwyddan, gerllaw safle BESS, fel y cytunwyd â'r Grid Cenedlaethol.

Gan fod gan Solar a Storio Ynni Bodelwyddan gapasiti allforio uwchlaw 10MW, fe'i hystyrir yn Ddatblygiad o Arwyddocâd Cenedlaethol (DNS) ac felly Gweinidogion Cymru fydd yn penderfynu arno.

Dywedodd Nick Bowen, Uwch Reolwr Datblygu Prosiectau yn Island Green Power: "Mae cynhyrchu ynni glân sy'n lleihau allyriadau carbon yn hollbwysig i'n dyfodol, fel yr adlewyrchir yn nodau sero net Cymru. Rydym felly yn obeithiol y bydd y gymuned leol yn mynychu ein digwyddiadau ymgynghori cyhoeddus i ddysgu rhagor am y cynigion cychwynnol. Rydym yn gwerthfawrogi mewnbwn cyfnod cynnar gan y gymuned, sy'n hanfodol wrth lunio'r cynlluniau sy'n dod i'r amlwg."

Mae'r digwyddiadau ymgynghori cymunedol canlynol yn cael eu cynnal:

- 2.30pm – 7pm dydd Mercher, 29 Ionawr yng Nghanolfan Gymunedol Bodelwyddan, Ronaldsway, Bodelwyddan, LL18 5TE
- 2pm – 6.30pm dydd Iau 30 Ionawr yng Nghanolfan Adnoddau Cymunedol Tywyn a Bae Cinmel, Y Sgwâr, Oddi ar Ffordd Foryd, Bae Cinmel, LL18 5BT

I'r rhai na allant fynychu'r digwyddiadau ymgynghori, mae gwefan y prosiect wedi'i sefydlu: bodelwyddansolar.co.uk. Hefyd, mae trigolion lleol yng nghyffiniau Solar a Storio Ynni Bodelwyddan wedi cael cylchlythyr am y prosiect a'r digwyddiadauymgynghori.

DIWEDD

Am ragor o wybodaeth, cysylltwch â Kath Thomas drwy e-bostio kath@grasshopper-comms.co.uk neu ffonio 07866 461142.

Nodiadau i Olygyddion

Mae Island Green Power yn ddatblygwr rhyngwladol blaenllaw o Orsafoedd Solar Ffotofoltäig (PV), gyda ffocws ar ffermydd solar ar raddfa cyfleustod a phrosiectau storio ynni batri.

Mae gennym dros 25 mlynedd o brofiad yn y diwydiant ynni, 10 o'r rheini yn benodol yn y sector PV Solar. O ddod o hyd i dir ac asesu hyfywedd; i geisio caniatâd cynllunio a thrwyddedau cysylltiad grid; i ddod â safle i gam rhybudd i symud ymlaen – mae ein tîm rheoli profiadol iawn wedi cwblhau dros 1GW o brosiectau ledled y byd. Mae'r prosiectau hyn bellach yn eiddo i rai o'r buddsoddwyr solar mwyaf yn y byd.

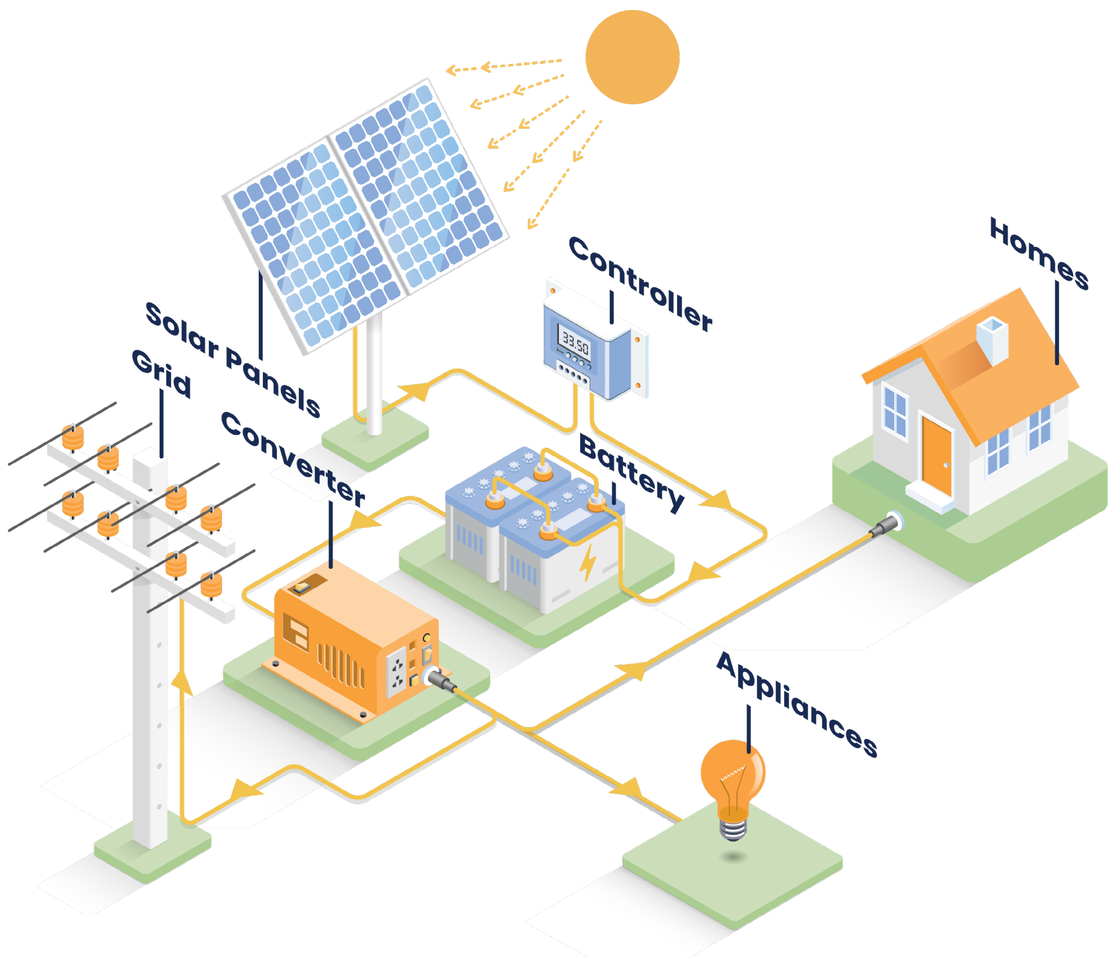
Ein cenhadaeth yw helpu pob gwlad yr ydym yn gweithredu ynddi i gynyddu eu cynhyrchiant ynni solar, gan wneud mwy o ynni adnewyddadwy yn bosibl ac arbed miloedd o dunelli o CO2 yn y broses. Er mwyn cyflawni hyn, rydym yn gweithio ar brosiectau ledled y byd, gan gynnwys y DU, Sbaen, Seland Newydd, Awstralia a'r Eidal, Sbaen. Cawn ein cynorthwyo hefyd gan rwydwaith sefydledig o gynghorwyr proffesiynol a phartneriaid lleol yn y gwahanol farchnadoedd yr ydym yn gweithredu ynddynt. Rydym wedi ymrwymo i ddefnydd tir cyfrifol a chredwn y gellir cyflawni datblygiad a darpariaeth fasnachol ffermydd solar ar raddfa fawr mewn cytgord â'u hamgylchoedd.

Appendix 8 – Exhibition boards

BODELWYDDAN

Solar + Energy Storage

Welcome to our first community consultation event on the emerging proposals for Bodelwyddan Solar and Energy Storage.



About Island Green Power

The Bodelwyddan Solar and Energy Storage project is being developed by Bodelwyddan Solar & Energy Storage Limited, part of Island Green Power (IGP). Established in 2013, we are a leading developer of utility-scale solar projects and battery storage systems. We have successfully delivered over 34 solar projects worldwide with more than 1GW of energy capacity, including 17 projects across the United Kingdom and Ireland.

We deliver renewable energy solutions that create lasting value for the communities we serve, protecting the environment while fostering economic growth and energy independence.

The aim of the consultation is to share information about the proposed project and to gain feedback from the local community.

Our project team is here to assist you with any questions you may have. We also have feedback forms that you can complete here or at home.

Island GREEN POWER

01745 770513

contact@bodelwyddansolar.co.uk

bodelwyddansolar.co.uk

BODELWYDDAN

Solar + Energy Storage

About the project

The Bodelwyddan Solar & Energy Storage project is a new renewable energy scheme with solar and battery storage on the border of Conwy and Denbighshire, North Wales.

There are two elements to the project. A solar farm which is proposed on land to the north and south of Rhuddlan Road, to the northwest of Bodelwyddan, and a battery energy storage system (BESS) which is proposed on to the west of Bodelwyddan substation, south of St Asaph Business Park.

The two elements of the project would be connected by an underground cable (approximately 5 kilometres in length) to the grid connection point at Bodelwyddan substation.

Why solar energy?

Solar energy is the cheapest, cleanest form of energy generation currently available and can be deployed much more rapidly than other technologies.

Solar energy is already a major generator in the UK, and this project will help meet the Welsh Government's target to meet 100% of its electricity needs from renewable sources by 2035.

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bodelwyddansolar.co.uk

BODELWYDDAN

Solar + Energy Storage

How Solar Energy Works

Solar panels generate electricity using radiation from the sun – not just direct sunlight or high temperatures. Panels can produce electricity all year-round, even on cloudy days.

Solar is a clean and predictable source of home-grown power that removes reliance on global energy producers while protecting consumers from significant fluctuations in energy costs due to import prices.

Solar Site

The solar site is located at Rhuddlan Road and has an overall area of approximately 153.79 hectares.

According to our soil surveys, over 95% of the site is on Grade 3b or below agricultural land and as such the majority of the site is not Best and Most Versatile (BMV) land.

There is also an existing solar farm at the centre of the site which has been operational for several years.

The proposed layout of the solar site is currently being designed with inputs from our project team. The design will be shared at the next stage of consultation.

Island GREEN POWER

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contact@bodelwyddansolar.co.uk

bodelwyddansolar.co.uk

BODELWYDDAN

Solar + Energy Storage

What is BESS?

Battery Energy Storage Systems (BESS) describes a series of large batteries housed in secure containers that store surplus electricity generated, then distribute it to the National Grid at times when energy demand is high.

The use of BESS means that renewable energy projects contribute to national electricity supplies even when there is no wind or sunlight while, at the same time, they support the National Grid by levelling out electricity load, balancing fluctuations in energy demand and reducing congestion on the grid.

BESS support the integration of more renewable energy into the grid, which is critical to reducing reliance on fossil fuels and helping to lower carbon emissions.

The design of the BESS site is being prepared and will be shared at the next stage of consultation.

Battery Safety

The Fire Safety Strategy will be outlined within an Outline Battery Safety Management Plan (OBSMP) which will be prepared and submitted as part of the application.

This document will outline the safety management processes, procedures and means by which the BESS safety management will be implemented in line with international industry guidance and best practice for safety management. It will also assess the site design and layout against Health and Safety Executive (HSE) and National Fire Chiefs Council (NFCC) recommendations, and set out any consultation that has been had with the Regional FRS, Environment Agency and other third parties.

Monitoring Systems

The BESS units will have built-in monitoring to detect any unusual activity and shut down automatically if needed. The system includes both remote and on-site emergency stop mechanisms, automated cooling, and a specialised fire suppression system for Lithium-Ion batteries.

Active Ventilation

To prevent the buildup of explosive gases, ventilation systems will activate if any gases are detected.

Emergency Water Supply

This will be located on-site to deal with any fires, and any contaminated water will be safely contained in a Sustainable Urban Drainage System (SuDS) and treated before being released.

The BESS Site

The BESS site is located on land to the west of Bodelwyddan substation, south of St Asaph Business Park

It has an overall area of 6.52 hectares

The site is located on Grade 3b and below agricultural land (i.e. not BMV land)

The solar site will be connected to the BESS site and point of connection by around 5km of underground cabling

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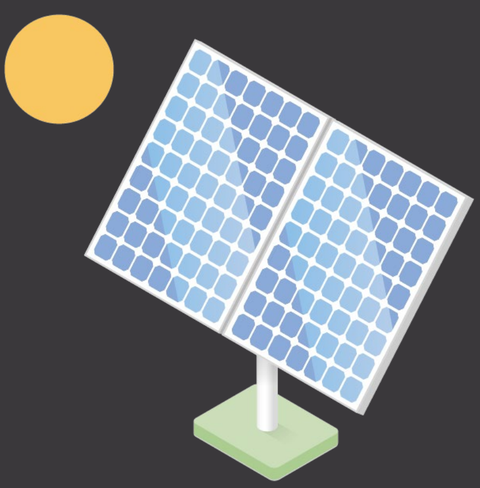
BODELWYDDAN

Solar + Energy Storage

Community Benefit

This project will provide a Community Benefit Fund, however, at this stage, Island Green Power is considering the details in terms of how much this will be annually, how it will be administered and which areas the fund will cover.

If you have any suggestions on how the fund could be allocated or know of any projects that could benefit from the fund, please let us know!



Environmental Considerations

Landscape

Studies are being undertaken to identify likely views affected by the development and the environmental sensitivities of the site and the local area.

The character of the site is influenced by the low-lying flat farmland, the physical landscape features on and within the site, and the adjacent existing solar farm. Landscape features on site include scattered scrub, species-poor hedgerows, ditches, fences and walls. Field boundaries will be enhanced with new and additional planting to improve the green infrastructure on site, and to reduce potential visual impact from adjacent roads and rights of way.

Heritage and Archeology

Initial surveys have identified some limited potential for archaeology within the Site.

The groundworks associated with the proposed development would have limited impact upon any archaeological remains, with any impacts mitigated through investigation and recording of remains, or through avoidance of sensitive areas.

There are a number of designated historic assets near the Site, including Kinmel Grade II* Registered Historic Park and Garden (RHPG), Bodelwyddan Castle Grade II RHPG, as well as several Listed Buildings. The settings of these assets will be carefully considered within the design of proposed development.

Biodiversity

All existing trees, hedgerows and wet ditches will be retained or enhanced with the exception of some potential minimal hedgerow loss due to site access widening. However there will be an overall significant net increase of new hedgerows and trees delivered through the proposed landscaping and biodiversity strategy.

Noise

Solar farms do not typically generate harmful levels of noise, however, any noise generating equipment will be cited to ensure there will be no harmful impacts on the surrounding environment and residents.

BESS installations will include equipment that may emit low sound levels. This will be mitigated, if necessary, through onsite measures (e.g. landscaping, acoustic fences) and by ensuring that development is not cited in close proximity to sensitive receptors. Ongoing assessment work is being carried out to inform the forthcoming proposals.

Flood Risk and Drainage

The Site is currently identified as being within Zone C1, which relates to areas of the floodplain which are developed and served by significant infrastructure, including flood defences. The Site's hydrology is being assessed in detail to determine the most appropriate delivery of the scheme without increasing flood risk on the Site or surrounding area. An appropriate drainage strategy will be developed in liaison with Natural Resource Wales (NRW) and the Lead Local Flood Authority (LLFA) and implemented as part of the proposals.

Transport

An Outline Construction Traffic Management Plan will be prepared to accompany the planning application, and its final detail will be agreed by the local highway authorities prior to construction commencing. This will confirm the size of vehicles, site access routes and how this will be managed to minimise impact on the local road network.

Island GREEN POWER

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contact@bodelwyddansolar.co.uk

bodelwyddansolar.co.uk

BODELWYDDAN

Solar + Energy Storage

Feedback and Next Steps

Thank you for visiting.

Your feedback is important to help inform the emerging proposals for the proposed Bodelwyddan Solar and Energy Storage project.

Next Steps

Following the consultation, we will review and consider all comments to help us inform the final proposal ahead of the statutory consultation later in 2025 and submission of the DNS application.

Indicative Project Timelines

December 2024 — Pre-application submissions made to Conwy and Denbighshire County Councils and Planning and Environmental Decisions Wales (PEDW), and submission of Environmental Impact Assessment (EIA) Scoping request

January - February 2025 — 4-week non-statutory consultation

Summer 2025 — 6-week statutory consultation

Late 2025 — Development of National Significance (DNS) application submission to PEDW

Late 2026/ Early 2027 — Potential PEDW decision (based on current anticipated consenting timescales)

Late 2027/ Early 2028 — Construction period of circa 12-24 months

2029 — Agreed grid connection. Earliest possibility for project to be fully operational

You can view our plans online at

bodelwyddansolar.co.uk

Please let us have your comments by Monday 10 February.

You can provide feedback or contact us with queries:

Completing the **feedback form**, either **online** or by taking one of our **paper copies**

Emailing contact@bodelwyddansolar.co.uk

Phoning 01745 770513

Writing to Freepost GRASSHOPPER CONSULT (no stamp or further address required)

If you would like to receive email updates about the project at key milestones, please register on the website:

bodelwyddansolar.co.uk

These contact details will put you in touch with Grasshopper Communications who are managing the consultation on behalf of Island Green Power.

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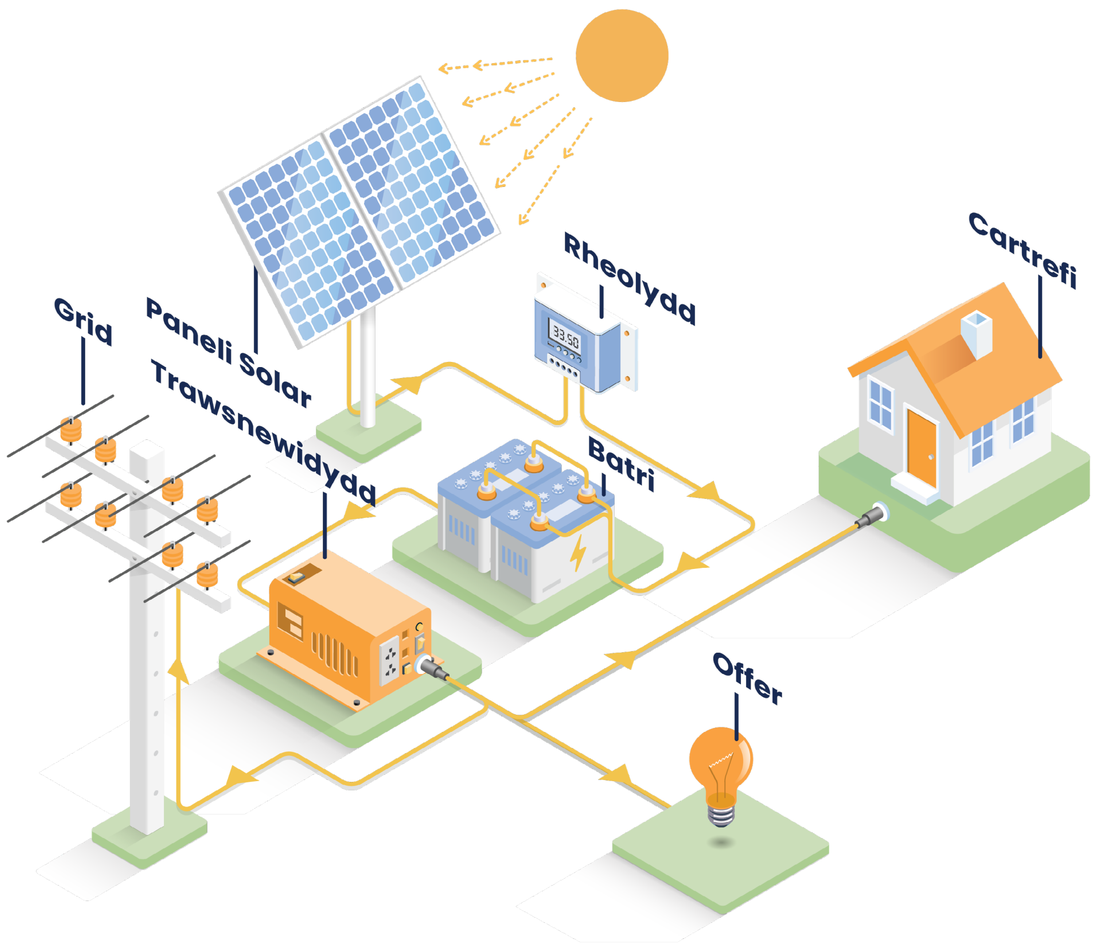
Croeso i’n hymgynghoriad cymunedol cyntaf ar y cynigion newydd ar gyfer Solar a Storio Ynni Bodelwyddan.



Ynghylch IGP

Mae prosiect Solar a Storio Ynni Bodelwyddan yn cael ei ddatblygu gan Bodelwyddan Solar & Energy Storage Limited, rhan o Island Green Power (IGP). Wedi’i sefydlu yn 2013, rydym yn ddatblygwr blaenllaw prosiectau solar ar raddfa cyfleustodau a systemau storio batri. Rydym wedi cyflawni dros 34 o brosiectau solar yn llwyddiannus ledled y byd â mwy nag 1GW o gapasiti ynni, gan gynnwys 17 o brosiectau ledled y Deyrnas Unedig ac Iwerddon.

Rydym yn darparu datrysiadau ynni adnewyddadwy sy’n creu gwerth parhaol i’r cymunedau rydym yn eu gwasanaethu, gan ddiogelu’r amgylchedd wrth feithrin twf economaidd ac annibyniaeth ynni.

Nod yr ymgynghoriad yw rhannu gwybodaeth am y prosiect arfaethedig a chael adborth gan y gymuned leol.

Mae ein tîm prosiect yma i’ch helpu gydag unrhyw gwestiynau sydd gennych. Mae gennym hefyd ffurflenni adborth y gallwch gwblhau yn y cartref neu yma.

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Ynghylch y prosiect

Mae prosiect Solar a Storio Ynni Bodelwyddan yn gynllun ynni adnewyddadwy newydd â solar a storio batri ar ffin Conwy a Sir Ddinbych, Gogledd Cymru.

Mae dwy elfen i'r prosiect: fferm solar, a gynigir ar dir i'r gogledd a'r de o Ffordd Rhuddlan, i'r gogledd-orllewin o Fodelwyddan; a system storio ynni batri (BESS), a gynigir i'r gorllewin o is-orsaf Bodelwyddan, i'r de o Barc Busnes Llanelwy.

Byddai dwy elfen y prosiect yn cael eu cysylltu gan gebl tanddaearol (oddeutu 5 cilometr o hyd) i'r pwynt cyswllt grid yn is-orsaf Bodelwyddan.

Pam ynni solar?

Ynni solar yw'r dull rhataf a glanaf o gynhyrchu ynni sydd ar gael ar hyn o bryd, a gellir ei ddefnyddio'n llawer cynt na thechnolegau eraill.

Mae ynni solar eisoes yn gynhyrchwr mawr yn y DU, a bydd y prosiect hwn yn helpu i gyrraedd targed Llywodraeth Cymru o ddiwallu 100% o'i hanghenion trydan o ffynonellau adnewyddadwy erbyn 2035.

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Sut mae Ynni Solar yn Gweithio

Mae paneli solar yn cynhyrchu trydan gan ddefnyddio ymbelydredd o'r haul – nid dim ond golau haul uniongyrchol neu dymereddau uchel. Gall paneli gynhyrchu trydan drwy gydol y flwyddyn, hyd yn oed ar ddiwrnodau cymylog.

Mae solar yn ffynhonnell lân a rhagweladwy o bŵer cartref, sy'n dileu dibyniaeth ar gynhyrchwyr ynni byd-eang wrth amddiffyn defnyddwyr rhag amrywiadau sylweddol mewn costau ynni oherwydd prisiau mewnforio.

Safle Solar

Mae'r safle solar wedi'i leoli ar Ffordd Rhuddlan, â chyfanswm arwynebedd o tua 153.79 hectar.

Yn ôl ein harolygon pridd, mae dros 95% o'r safle ar dir amaethyddol Graddfa 3b neu is, ac o'r herwydd nid yw'r rhan fwyaf o'r safle yn dir Gorau a Mwyaf Amlbwrpas (BMV).

Mae yna hefyd fferm solar bresennol yng nghanol y safle sydd wedi bod yn weithredol ers sawl blwyddyn.

Mae'r cynllun solar arfaethedig yn cael ei ddylunio ar hyn o bryd gyda mewnbynnau gan dîm ein prosiect. Bydd y dyluniad yn cael ei rannu ar gam nesaf yr ymgynghoriad.

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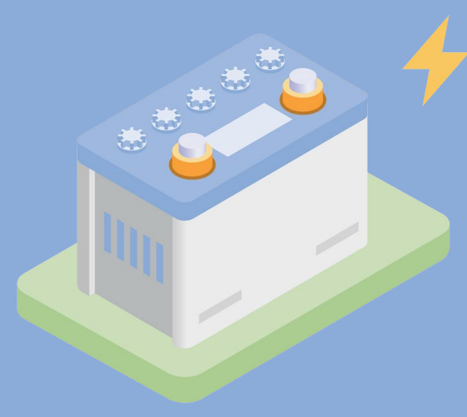
Beth yw BESS?

Mae Systemau Storio Ynni Batri (BESS) yn disgrifio cyfres o fatris mawr sydd wedi'u cadw mewn cynwysyddion diogel sy'n storio trydan dros ben a gynhyrchir, ac yna'n ei ddosbarthu i'r Grid Cenedlaethol ar adegau pan fo'r galw am ynni yn uchel.

Mae defnyddio BESS yn golygu bod prosiectau ynni adnewyddadwy yn cyfrannu at gyflenwadau trydan cenedlaethol hyd yn oed pan nad oes gwynt na golau haul, ac ar yr un pryd, maent yn cefnogi'r Grid Cenedlaethol drwy wastatáu'r llwyth trydan, cyfaddasu amrywiadau yn y galw am ynni a lleihau tagfeydd ar y grid.



Mae BESS yn cefnogi integreiddio mwy o ynni adnewyddadwy i'r grid, sy'n hanfodol er mwyn lleihau dibyniaeth ar danwydd ffosil a helpu i leihau allyriadau carbon.

Mae dyluniad y safle BESS yn cael ei baratoi a bydd yn cael ei rannu ar gam nesaf yr ymgynghoriad.

Diogelwch Batri

Bydd y Strategaeth Diogelwch Tân yn cael ei hamlinellu o fewn Cynllun Rheoli Diogelwch Batri Amlinellol (OBSMP) a fydd yn cael ei baratoi a'i gyflwyno fel rhan o'r cais.

Bydd y ddogfen hon yn amlinellu'r prosesau rheoli diogelwch, y gweithdrefnau a'r dulliau a ddefnyddir i weithredu rheolaeth diogelwch BESS yn unol â chanllawiau diwydiant rhyngwladol ac arfer gorau ar gyfer rheoli diogelwch. Bydd hefyd yn asesu dyluniad a chynllun y safle yn erbyn argymhellion yr Awdurdod Gweithredol Iechyd a Diogelwch (HSE) a'r Cyngor Penaethiaid Tân Cenedlaethol (NFCC), ac yn nodi unrhyw ymgynghoriad a fu â'r Gwasanaethau Tân ac Achub Rhanbarthol, Asiantaeth yr Amgylchedd a thrydydd partïon eraill.

Systemau Monitro

Bydd yr unedau BESS yn cynnwys monitro i ganfod unrhyw weithgarwch anarferol a chau i lawr yn awtomatig os oes angen. Mae'r system yn cynnwys mecanweithiau stopio brys o bell ac ar y safle, oeri awtomataidd, ac ataliad tân arbenigol system ar gyfer batris Lithiwm-Ion.

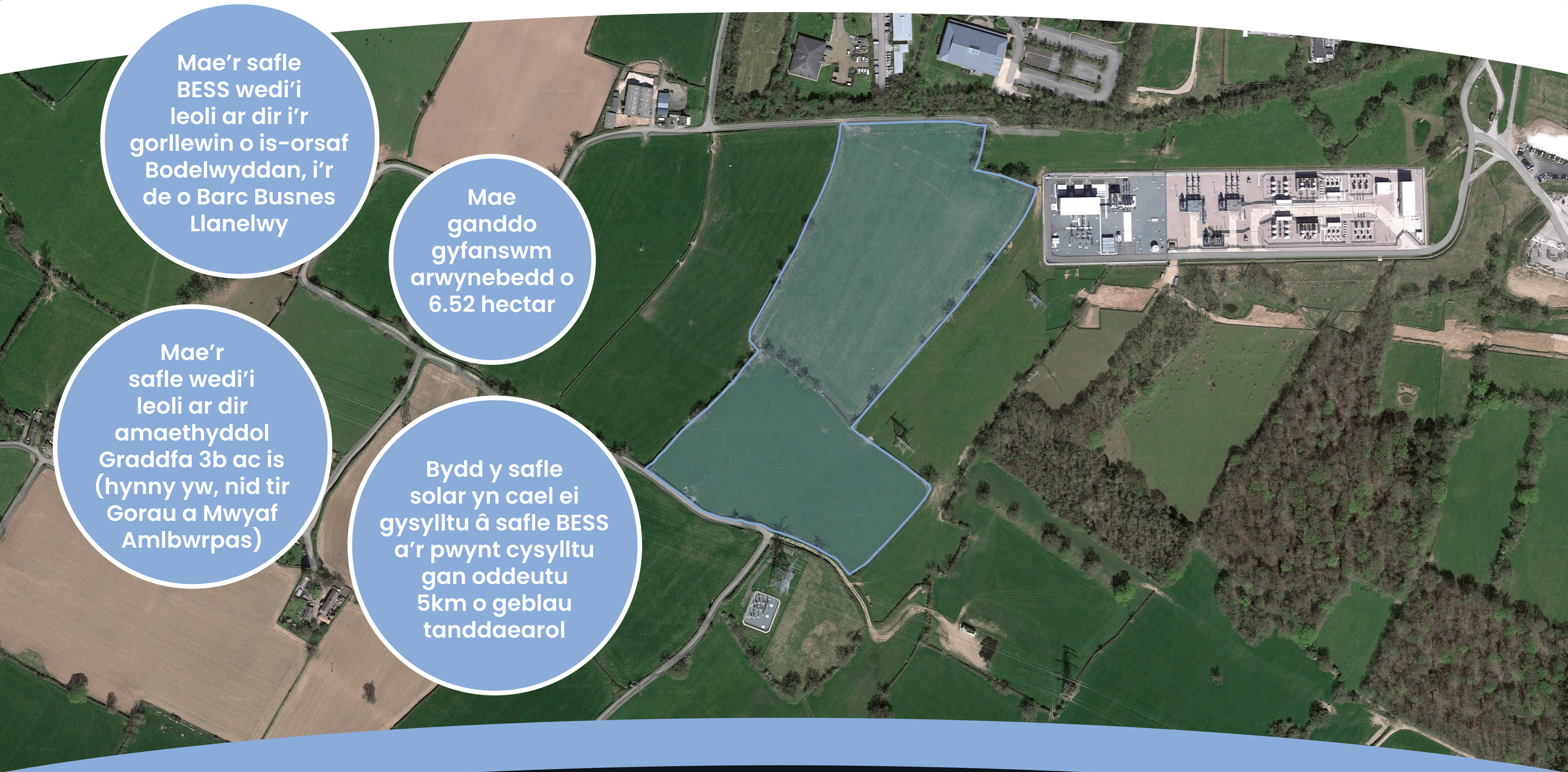
Awyru Gweithredol

Er mwyn atal nwyon ffrwydrol rhag cronni, bydd systemau awyru yn gweithredu os bydd unrhyw nwyon yn cael eu canfod.

Cyflenwad Dŵr Brys

Bydd hwn yn cael ei leoli ar y safle i ddelio ag unrhyw danau, a bydd unrhyw ddŵr halogedig yn cael ei gynnwys yn ddiogel mewn System Ddraenio Drefol Gynaliadwy (SuDS) a'i drin cyn cael ei ryddhau.

Y Safle BESS



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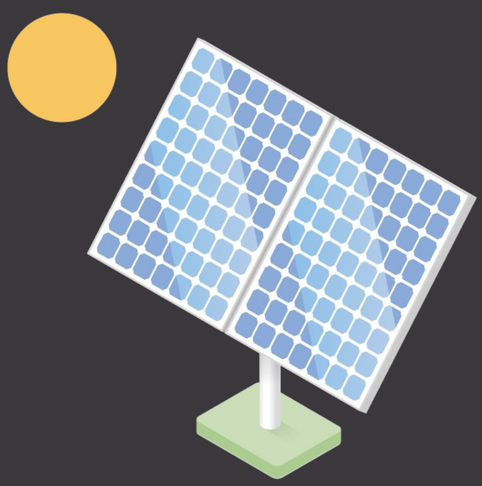
Budd Cymunedol

Bydd y prosiect hwn yn darparu Cronfa Budd Cymunedol, ond ar hyn o bryd, mae Island Green Power yn ystyried y manylion o ran faint fydd hyn yn flynyddol, sut y caiff ei weinyddu a pha feysydd y bydd y gronfa yn eu cwmpasu.

Os oes gennych unrhyw awgrymiadau ar sut y gellid dyrannu'r gronfa neu os ydych yn gwybod am unrhyw brosiectau a allai elwa o'r gronfa, rhowch wybod i ni!



Ystyriaethau Amgylcheddol

Tirwedd

Mae astudiaethau'n cael eu cynnal i nodi golygfeydd tebygol y bydd y datblygiad yn effeithio arnynt a sensitifrwydd amgylcheddol y safle a'r ardal leol.

Mae cymeriad y safle yn cael ei ddylanwadu gan gymeriad tir fferm gwastad isel, nodweddion ffisegol y dirwedd ar ac o fewn y safle, a'r fferm solar presennol cyfochrog. Ymhlith y nodweddion tirwedd ar y safle mae prysgwydd gwasgaredig, gwrychoedd sy'n brin o rywogaethau, ffosydd, ffensys a waliau. Bydd ffiniau caeau'n cael eu gwella â phlanhigion newydd ac ychwanegol i wella'r seilwaith gwyrdd ar y safle, ac i leihau'r effaith weledol bosib o ffyrdd a hawliau tramwy cyfagos.

Treftadaeth ac Archaeoleg

Mae arolygon cychwynnol wedi nodi rhywfaint o botensial cyfyngedig ar gyfer archaeoleg o fewn y Safle.

Byddai'r gwaith daear sy'n gysylltiedig â'r datblygiad arfaethedig yn cael effaith gyfyngedig ar unrhyw weddillion archaeolegol, gydag unrhyw effeithiau'n cael eu lliniaru trwy ymchwilio a chofnodi olion, neu drwy osgoi ardaloedd sensitif.

Mae nifer o asedau hanesyddol dynodedig ger y Safle, gan gynnwys Parc a Gardd Hanesyddol Gofrestredig Gradd II* Cinmel (RHPG), RHPG Gradd II Castell Bodelwyddan, yn ogystal â nifer o Adeiladau Rhestredig. Bydd gosodiad yr asedau hyn yn cael eu hystyried yn ofalus wrth ddylunio'r datblygiad arfaethedig.

Bioamrywiaeth

Bydd yr holl goed, gwrychoedd a ffosydd gwlyb presennol yn cael eu cadw neu eu gwella ac eithrio rhywfaint o golled fach bosibl o wrychoedd oherwydd lledu mynediad i'r safle. Fodd bynnag, bydd cynnydd net sylweddol cyffredinol mewn gwrychoedd a choed newydd a gyflawnir trwy'r strategaeth tirweddu a bioamrywiaeth arfaethedig.

Sŵn

Nid yw ffermydd solar fel arfer yn cynhyrchu lefelau niweidiol o sŵn, fodd bynnag, bydd unrhyw offer cynhyrchu sŵn yn cael ei nodi i sicrhau na fydd unrhyw effeithiau niweidiol ar yr amgylchedd a thrigolion cyfagos.

Bydd gosodiadau BESS yn cynnwys offer a all allyrru lefelau sain isel. Bydd hyn yn cael ei liniaru, os oes angen, trwy fesurau ar y safle (e.e. tirweddu, ffensys acwstig) a thrwy sicrhau nad yw gwaith datblygu'n agos at dderbynyddion sensitif. Mae gwaith asesu parhaus yn cael ei wneud i lywio'r cynigion sydd i ddod.

Perygl Llifogydd a Draeniad

Mae'r Safle wedi'i nodi ar hyn o bryd o fewn Parth C1, sy'n ymwneud ag ardaloedd o'r gorlifdir sy'n cael eu datblygu a'u gwasanaethu gan seilwaith sylweddol, gan gynnwys amddiffynfeydd rhag llifogydd. Mae hydroleg y Safle yn cael ei asesu'n fanwl i benderfynu ar y ffordd fwyaf priodol o gyflawni'r cynllun heb gynyddu'r perygl o lifogydd ar y Safle na'r ardal gyfagos. Bydd strategaeth ddraenio briodol yn cael ei datblygu ar y cyd â Cyfoeth Naturiol Cymru (CNC) a'r Awdurdod Llifogydd Lleol Arweiniol (LLFA) a'i rhoi ar waith fel rhan o'r cynigion.

Trafnidiaeth

Caiff Cynllun Rheoli Traffig Adeiladu Amlinellol ei baratoi i gyd-fynd â'r cais cynllunio, a bydd yr awdurdodau priffyrdd lleol yn cytuno ar ei fanylion terfynol cyn i'r gwaith adeiladu ddechrau. Bydd hyn yn cadarnhau maint y cerbydau, llwybrau mynediad i'r safle a sut y caiff hyn ei reoli i leihau'r effaith ar y rhwydwaith ffyrdd lleol.

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Adborth a’r Camau Nesaf

Diolch am ymweld.

Mae eich adborth yn bwysig er mwyn helpu i lywio’r cynigion sy’n dod i’r amlwg ar gyfer prosiect arfaethedig Solar a Storio Ynni Bodelwyddan.

Y Camau Nesaf

Yn dilyn yr ymgynghoriad, byddwn yn adolygu ac yn ystyried yr holl sylwadau i’n helpu i lywio’r cynnig terfynol cyn yr ymgynghoriad statudol yn ddiweddarach yn 2025 a chyflwyno’r cais DNS.

Amserlenni dangosol y prosiect

Rhagfyr 2024 – Cyflwyniadau cyn ymgeisio i Gynghorau Sir Conwy a Sir Ddinbych a Phenderfyniadau Cynllunio ac Amgylcheddol Cymru (PCAC), a chyflwyno cais Cwmpasu Asesiad Effaith Amgylcheddol (EIA)

Ionawr - Chwefror 2025 – Ymgynghoriad anstatudol 4 wythnos

Haf 2025 – Ymgynghoriad statudol 6 wythnos

Diwedd 2025 – Cyflwyno cais Datblygiad o Arwyddocâd Cenedlaethol (DNS) i PCAC

Diwedd 2026/ Dechrau 2027 – Penderfyniad posib PCAC (yn seiliedig ar amserlenni cydsynio a ragwelir ar hyn o bryd)

Diwedd 2027/ Dechrau 2028 – Cyfnod adeiladu o tua 12-24 mis

2029 – Cysylltiad grid y cytunir arno. Y posibilrwydd cynharaf i’r prosiect fod yn gwbl weithredol

Gallwch weld ein cynlluniau ar-lein yn

bodelwyddansolar.co.uk

Rhowch eich sylwadau i ni erbyn dydd Llun, 10 Chwefror.

Gallwch roi adborth neu gysylltu â ni ag ymholiadau:

Cwblhau’r **ffurflen adborth**, naill ai ar-lein neu drwy gymryd un o’n **copïau papur**

E-bostio contact@bodelwyddansolar.co.uk

Ffonio 01745 770513

Ysgrifennu at Freepost GRASSHOPPER CONSULT (nid oes angen stamp na chyfeiriad pellach)

Os hoffech dderbyn diweddariadau drwy e-bost am y prosiect ar gerrig milltir allweddol, cofrestrwch ar y wefan:

bodelwyddansolar.co.uk

Bydd y manylion cyswllt hyn yn eich rhoi mewn cysylltiad â Grasshopper Communications, sy’n rheoli’r ymgynghoriad ar ran Island Green Power.

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