

# Our Proposals - Summary

Tyn Y Coed is a proposed 500MW Battery Energy Storage System, located on land to the northeast of the village of Northop, adjacent to the A55.



The land within our proposal is approximately 48 acres, which would include infrastructure and landscaping to ensure long-term environmental benefits for Flintshire.

Our proposals would deliver an increase in biodiversity net gain substantially above the industry standard and allow nature to thrive.



# Construction and Operation

## Construction

Upon securing planning permission, we expect to start construction in 2029. The level of activity on site would vary throughout this period.

NatPower will prepare a Construction Traffic Management Plan (CTMP) and agree this with Flintshire County Council. The CTMP will set out how we will manage construction activities and any traffic moving to and from the site.

Access for construction vehicles to the site would be provided from the west via a slip road off of the A5119 (Northop Road) to reach the southwest corner of the site. A secondary emergency access point will be provided on the north-western boundary of the site, which will connect to Starkey Lane.

## Operation

BESS are generally quiet neighbours and, once operational, traffic movements to and from the site are low. A team of qualified engineers would monitor our BESS 24/7 from an offsite location. An engineer would routinely visit our sites in a small vehicle two or three times a week to inspect the BESS and associated infrastructure.

The BESS and substation would be secured by security fencing and monitored by a CCTV system, which would face the battery storage and substation areas. We would use motion sensor and infra red lights to keep lighting to a minimum.

## Project Timeline

- Summer 2024 - Environmental and ecological surveys commenced
- Spring 2025 - Finalisation of survey work and preparation of planning work  
Consultation with key stakeholders
- Autumn 2025 - Application decision issued by Flintshire County Council
- Spring 2029 - Construction begins
- Summer 2030 - Construction complete

