

# AIRE ENERGY PARK @ FERRYBRIDGE

## Community Liaison Group

3<sup>RD</sup> FEBRUARY 2025





# AGENDA

1. Welcome back
2. Project recap
3. Ferrybridge Hydrogen project consultation
4. Ferrybridge Next Generation Power Station programme update
5. Ferrybridge Battery Storage project update
6. Next Meeting Date
7. AOB

# SSE PROJECTS @AIRE ENERGY PARK

## FERRYBRIDGE NEXT GENERATION POWER STATION

- Flexible hydrogen ready power station
- Designed to run on 100% hydrogen fuel from the outset but could also run on natural gas or a blend of the two
- Operational 2030 (estimated)

## FERRYBRIDGE HYDROGEN

- 50MWe green hydrogen production facility
- Decarbonise local industry
- Operational 2029 (estimated)

## FERRYBRIDGE BATTERY STORAGE

- 150MW capacity battery energy storage system (BESS)
- Construction ongoing
- Once operational, the site will be capable of powering up to 240,000 homes.\*



# FERRYBRIDGE HYDROGEN CONSULTATION

10<sup>TH</sup> February – 10<sup>TH</sup> March 2025

Two public events:

- Willow Green Academy (Hampden Close, Knottingley) on Thursday 13th February between 2pm and 8pm.
- Brotherton Parish Hall on Wednesday 26th February between 2pm and 8pm

Online webinar (27<sup>th</sup> February)

[www.ssethermal.com/FBH](http://www.ssethermal.com/FBH)



The poster is titled 'Ferrybridge Hydrogen' and features the 'Thermal' logo. It includes a 'YOU ARE INVITED' banner with dates for public consultation: Monday February 10<sup>th</sup> and Monday March 10<sup>th</sup>. A central image shows a rendering of the hydrogen production facility. Text boxes provide event details, a feedback deadline of 11:59pm on Monday 10th March 2025, and contact information. A QR code is provided for more information, and a blue circular icon with a scissors symbol is also present.

**YOU ARE INVITED**  
Public Consultation:  
Monday February 10<sup>th</sup>  
Monday March 10<sup>th</sup>

Please join us to hear more about our plans:

- **Willow Green Academy**  
(Hampden Close, Knottingley)  
on Thursday 13th February  
between 2pm and 8pm.
- **Brotherton Parish Hall**  
on Wednesday 26th February  
between 2pm and 8pm.

**WE WANT YOUR FEEDBACK ON OUR PROPOSALS**

If you are unable to attend an event in person, you can join our webinar which will take place on Thursday 27th February at 6pm. Registration and joining instructions can be found on our website: [www.ssethermal.com/FBH](http://www.ssethermal.com/FBH)

The deadline for feedback on our proposals is 11:59pm on Monday 10th March, 2025.

Please note that comments made in response to this public consultation are not representations to the planning authority. Once a planning application has been submitted to Wakefield Council, there will be an opportunity to make representations.

If you can't participate in our consultation events, we invite you to visit our website or get in touch with our team.

FBHconsultation@sse.com | +44 18 65 70  
[www.ssethermal.com/FBH](http://www.ssethermal.com/FBH) | Post: FREE

Scan the QR code to find out more information.

# FERRYBRIDGE NEXT GENERATION POWER STATION

## Work completed so far:

- Environmental impact assessment
- Surveys

## Next steps:

- Consultation – Q2/Q3 2025
- DCO planning submission - Q4 2025
- [Visit the website for more information](#)





# FERRYBRIDGE BATTERY STORAGE PROJECT

- Construction work at Ferrybridge Battery Energy Storage System (BESS) is ongoing
- Once completed, the BESS will host 136 battery units and have an installed capacity of 150MW
- Ferrybridge will help to balance the way renewable energy is dispatched to the grid
- At peak operating times it will be capable of delivering power to more than 240,000 homes
- Initial energisation at the site is expected to start in May 2025
- It is anticipated the site will be fully operational by August 2025
- [For more information visit the project webpage](#)

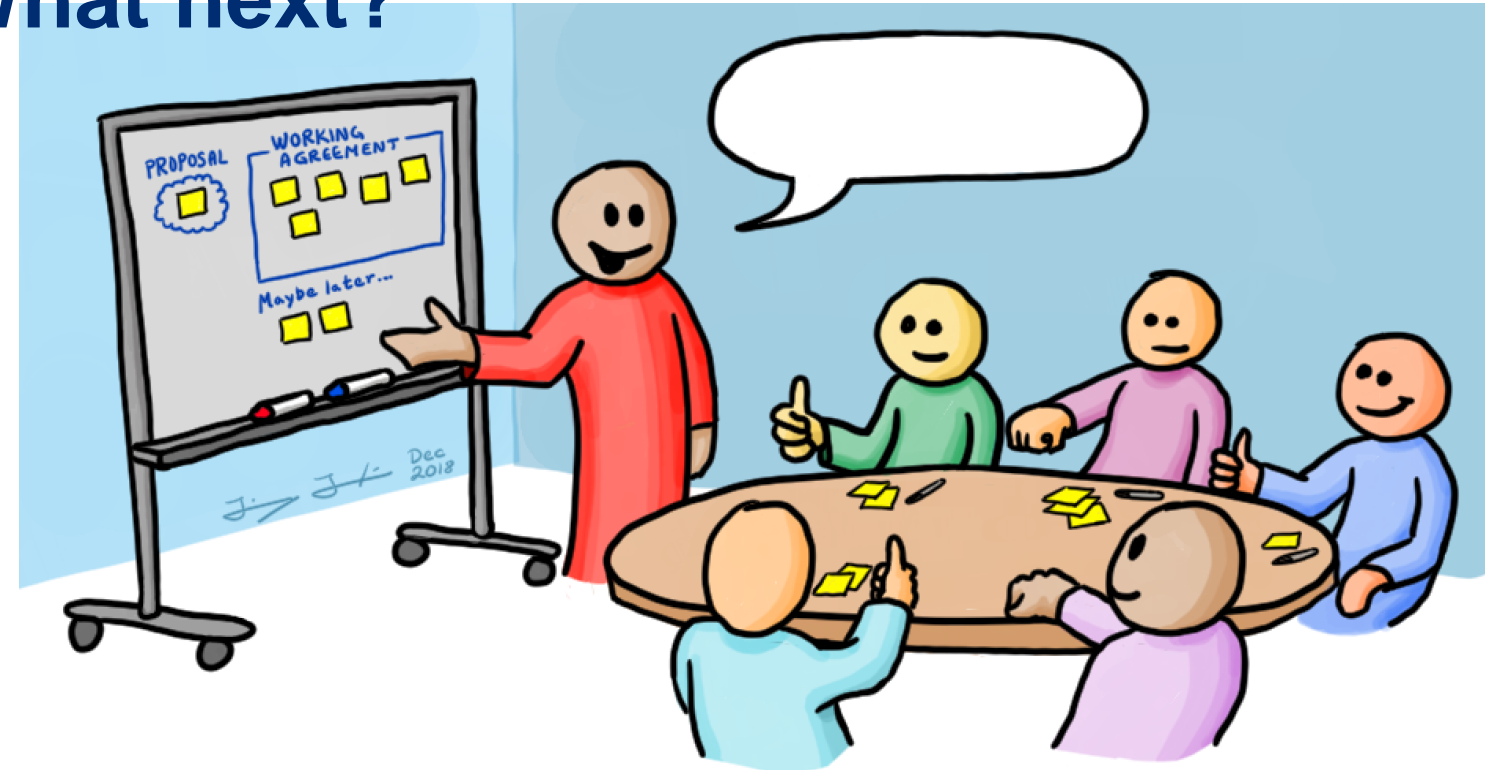


# FUTURE MEETINGS

Next meeting:

MAY 2025

What next?



# Thank You

THANK YOU

For more information, please contact:

[andy.edgeworth@sse.com](mailto:andy.edgeworth@sse.com)

