



**Newhurst Energy Recovery Facility
Local Liaison Committee (LLC) Meeting
Monday 4th October 2021
from 1800 to 2000 in person and by Zoom
Meeting Room at Newhurst ERF
Agenda**

Meeting Link: Please click here to [Link to Zoom Meeting](#)

Apologies: Councillor Mrs. C Radford

- | | |
|--|----------------------|
| 1. Minutes of the previous meeting | All |
| 2. Matters arising not on the agenda | All |
| 3. Construction update
Including fire regulations | Covanta/Biffa |
| 4. Report on site meetings | Covanta/Biffa |
| 5. Questions from Ms Howard (emissions and air) | EA/covanta |
| 6. Planning Update | Covanta/Biffa |
| 7. Date of next meeting | Chair |
| 8. AoB | All |

NEWHURST ERF LOCAL LIAISON COMMITTEE (LLC) MEETING NOTES

MEETING HELD 4TH OCTOBER 2021, 18.00 TO 20.00 (IN PERSON AT THE NEWHURST SITE AND BY ZOOM)

In attendance:

Cllr Jane Lennie (JL)	Shepshed Town Council
Cllr Peter Grainger (PG)	Shepshed Town Council
Julia Howard (JH)	Local Resident
Peter Cunnington (PC)	Local Resident
Ms Landy Yang	Local Resident
Mr Mark Needham	Local Resident
Mr K King	Local Resident
Daniel Galpin (DG)	LCC Planning Officer
Mr Alan Twells	Charnwood District
Ann Green (AG)	CBC Environmental Protection
David Spencer (DS)	Covanta
Craig Burdis (CB)	Covanta
John Orchard (JO)	Biffa
Mary Tappenden (MT)	Biffa
Dr David Best (DPB)	Independent Facilitator

Apologies for absence: Councillor Radford, Mr Peter Wood, Ms Hammersley, Coun. Savage, Ms Yang, Mark Revill

Disclaimer: Membership of the LLC does not imply either support for, or objection to, the Newhurst Energy Recovery Facility (ERF) development. Rather it is an opportunity to facilitate the flow of information between the developer and local communities and vice versa.

1. Welcome

- 1.1. David Best welcomed members to the meeting. Messrs King, Burdis, Hammersley, Best, Galpin and Grainger were present in person, other attendees were present on Zoom.
- 1.2. A copy of the papers circulated with the agenda will be available on the Newhurst ERF website after the meeting has concluded.
- 1.3. DPB stated that the meeting would be recorded to help prepare the meeting notes, but the recording would be deleted once these were approved at the subsequent LLC meeting. The transcript would not be published.

[The community engagement page of the site is here:](#)

2. Minutes of the Previous Meeting.

3.1 These had been previously circulated. These were approved and will be posted to the website in the usual way.

3. Matters Arising not on the Agenda.

3.1 Ms Howard noted that new WHO guidelines had come into effect on the 22nd September affecting particulate emissions. This was noted for the record.

4. Construction Update.

Mr. Burdis presented the construction update, using a slide deck which has since been put on the web site and the link to which is [here](#):

The key points were:

4.1 Detailed design is now 93% complete (July 82%) and procurement & manufacturing are 87% complete (July 65%). Progress is on time and the manufacturing of main components is also progressing on time, with deliveries of the Boiler, Flue Gas Treatment and Water Steam Cycle components arriving on site. A number of abnormal loads arriving on site has heralded these deliveries.

4.2 Construction is now 43% complete (July 38%) and on time. In addition, the main civil works are now complete. Erection of combustion equipment is well advanced including the grate and the boiler. Waste Cranes have been installed. Building steelwork and cladding of the building envelope is continuing. Approximately 300 operatives are now working on site.

4.3 The Covid 19 Action plan remains in place and is working effectively to prevent and manage incidence of the virus.

4.4 Next three months planned activities.

- Erection of the Building Envelope will continue including steelwork and cladding.
- Mechanical & Electrical (M&E) Contractors will continue with installation of the Combustion equipment, Flue Gas treatment and Water Steam Cycle equipment.
- Delivery of Turbine Generator and Stack are expected in November 2021.
- Factory inspections to check on manufacturing progress will continue (remotely due to Covid-restrictions).
- Non-construction related visits are now able to be scheduled and **Mr Burdis stated that if members of the committee wanted to arrange to visit the site they could do so by contacting him.** It was best to visit after working hours for both safety and convenience.
- The next major project milestone will be the pressure test of the boiler, scheduled for December 2021. Once this has been completed it can be

released to the next contractors. This will allow some 10 months before hot commissioning begins in Q4 2022.

4.5 Questions on Construction Update.

Mr King asked about the operating temperature and pressure in the boiler. Subsequent to the meeting, Mr Burdis confirmed that these parameters were:

Pressure 80 Bar

Operating Temperature 450 degrees Celsius.

Had there been any lost time incidents? Mr Burdis reported that one subcontract employee had had a fall, through not following the safety procedures. Eventually, the sub-contract company involved had been excluded from site and replaced due to poor attitude towards safety.

Councillor Lennie asked: Could photos of the site be shared on Social media? Mr. Spencer explained that photos should be cleared by him or Mr. Burdis's office in order to ensure that any staff visible in the picture were happy to have their image published.

5. Fire Regulations

In response to a question previously raised formally by **Councillor Hunt**, Mr Burdis addressed the issues of Fire Regulation and the Site Strategy using a presentation which can be [found here](#)

The key documents of the Fire Strategy are:

- a Fire Prevention Plan (part of Environmental Permit)
- Fire Strategy Report, used to support application for Building Regulations approval.
- Forms part of the O&M documentation (considered a live document which would require ongoing reviews, if and when changes are made to the building).

The Purpose is to identify solutions for risks posed by fire hazards. It describes the design principles and mitigation measures adequate in the unlikely event of a fire to:

- Ensure an adequate level of life safety for all occupants.
- Ensure that the property is protected as far as reasonably practical;
- Minimise the impact on business operation due to a potential fire; and
- Reduce the potential for pollution impact on the environment.

It was explained that the Fire Prevention Strategy is an essential part of the application and the consequent Environmental Permit and is constantly reviewed. The various "watches" making up the local Fire Brigade were visiting the site in rotation to ensure that they were familiar with the structure and its layout, in the unlikely event that they were required to attend the site.

In discussion, Mr Burdis confirmed that the plant falls under the jurisdiction of the Health and Safety Executive (HSE).

Coun. Hunt enquired where the environmental permit and the fire strategy could be accessed. It is in the publicly available documentation relating to the permitted development.



Newhurst
ERF_LLC_FIRE STRAT

The document can be accessed here:

6. Questions received previously

6.1 A question had been received from **Ms Howard** regarding submissions in relation to permit improvement conditions. **Mr Revill** of the Environment Agency had provided responses to this.

In brief, Submissions to pre-operational or improvement conditions would be placed on the public register subject to any commercial or confidentiality requirements. This register is not currently available online.

6.2 **Councillor Hunt** asked if immediate access to emissions monitoring would be available in the event that one of his constituents asked about for example a “funny smell” or fumes etc in the vicinity of the plant. **Mr Revill** again provided a response to this question that monitoring reports would be lodged on the public register within one month of the quarter end. **Coun Lennie** observed that this might be regarded in some areas as not very accountable, and questioned if a timely response would be forthcoming.

Mr Spencer observed that monitoring data might be made available on a more frequent basis, but that this would be entirely in line with all statutory and regulatory requirements. Such data might include for example the furnace temperature or a live data feed on-line, but again it was not possible to commit to specifics at this time. **Mr Revill** also pointed out that there was no legislative driver for such a data provision at this time.

Ms Howard observed that live data was provided from a site in the Republic of Ireland. **Mr Spencer** pointed out that the legislative environment was very different there and any reporting obligations may have been separately stipulated by authorities in Dublin.

6.3 **Councillor Hunt** had also lodged a late question regarding footpath K62; this was noted and a request for a response carried forward to the next meeting.

7. Planning update

7.1 Mrs Tappenden of Biffa advised the Committee that following the advanced information at the last meeting about some minor changes to the design, and following discussions with the county council, these had been agreed by the Council.

In discussion of the range of operating conditions that would be developed, a point was made as to whether the agreed operating conditions could be mailed to the committee. This would be kept in mind as the time for their agreement came nearer so that a view could be taken as to when and how to inform the committee of them. It was noted that some of these documents might be large and emailing may present some challenges, as might ensuring that the documents were the latest and most up to date versions.

7.2. Waste supply contracts

It was asked if Biffa has as yet a contract for waste to be provided to the plant. **Mr Spencer** noted that there was a Fuel (waste) Supply Agreement in place between ProjectCo (the developer made up of Biffa, Covanta and Green Investment Group). Biffa would source the waste from their existing markets and potentially new markets. At present, it is still too premature to confirm fuel supply agreements and the sources of residual waste. This will occur in the third and final year of the construction phase when the plant is closer to being fully operational

8. Any other business

There was no other business.

9. Date of the next meeting.

This would be at a time to be agreed on **Monday 10th January** again in a hybrid format.

NOTE Following the meeting Mr Burdis provided a Travel Guide for access to



Newhurst Travel
Guide_Rev 1.5.pdf

the site, which can be found here



Newhurst ERF Local Liaison Committee Project Update October 2021

Newhurst Energy Recovery Facility

	Newhurst
Location	Shepshed, Leicestershire
Capacity (gross)	350 ktpy; ~42 MW
Financial Close	February 11, 2020
Engineer, Procure, Construct (EPC)	Hitachi Zosen INOVA (HZI)
Operator	Covanta
Scheduled Completion Date	Q2 2023

Design (93% complete) and Procurement & Manufacturing (87% complete) progressing on time

Manufacturing of main components progressing on time, with deliveries of Boiler, FGT and WSC elements arriving on site

Construction (43% complete) progressing on time

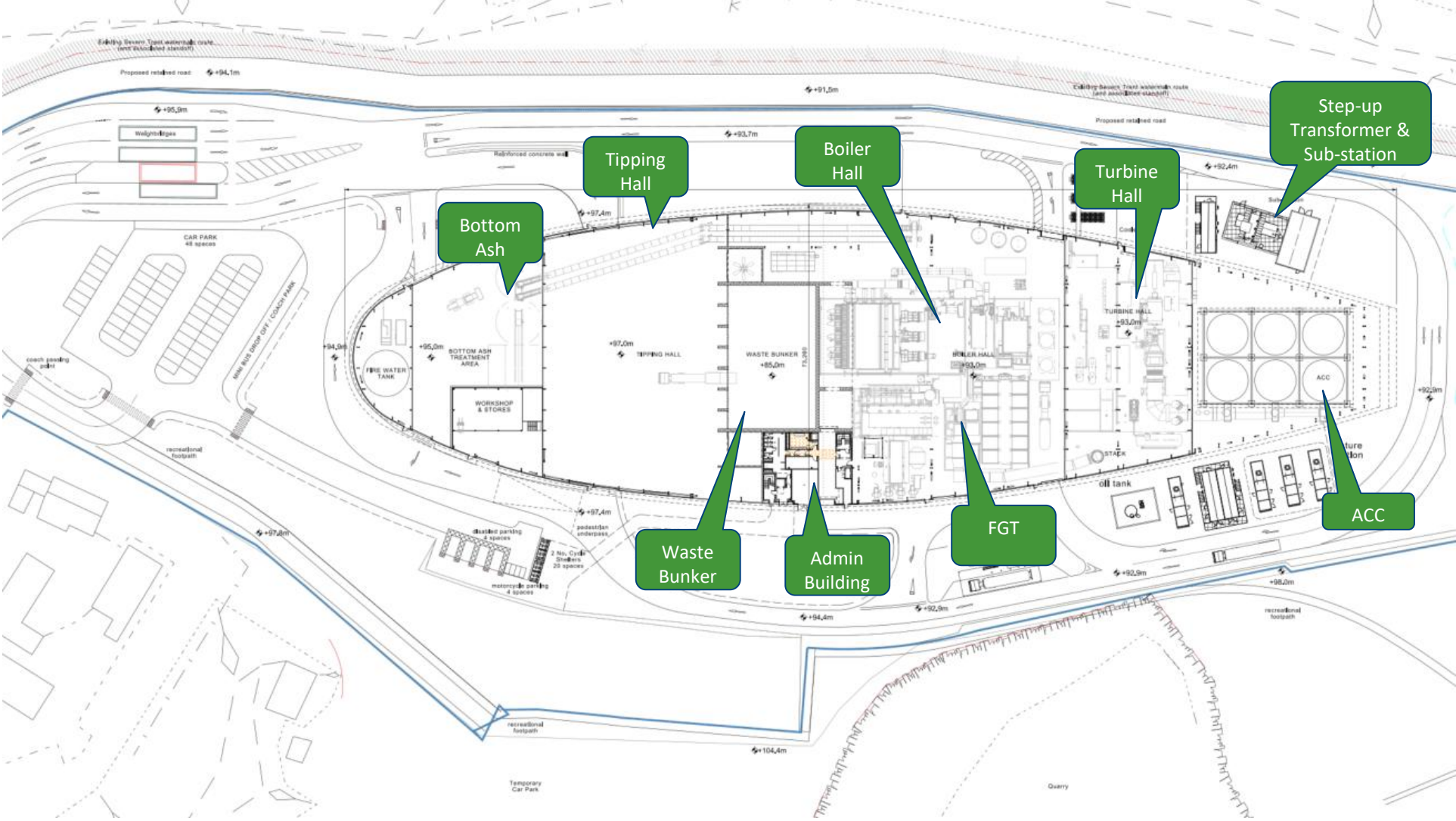
Erection of combustion equipment well progressed, including Grate and Boiler. Waste Cranes have been installed

Building steelwork and cladding of building envelope continues

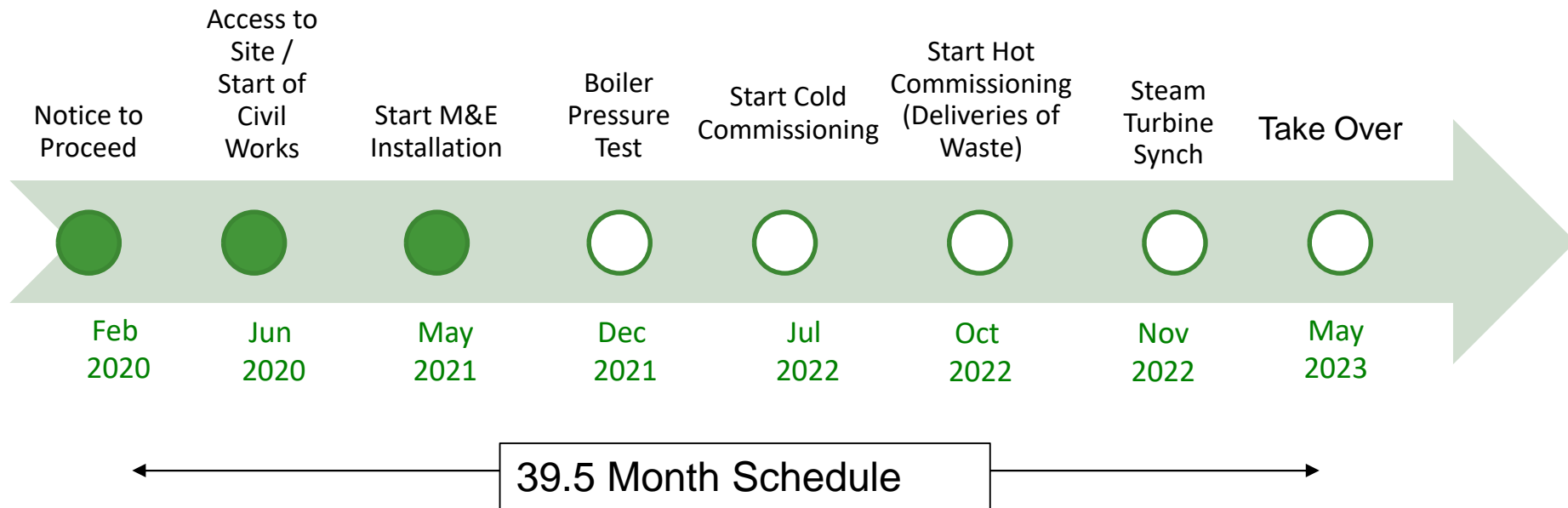
Around 300 operatives currently working on site



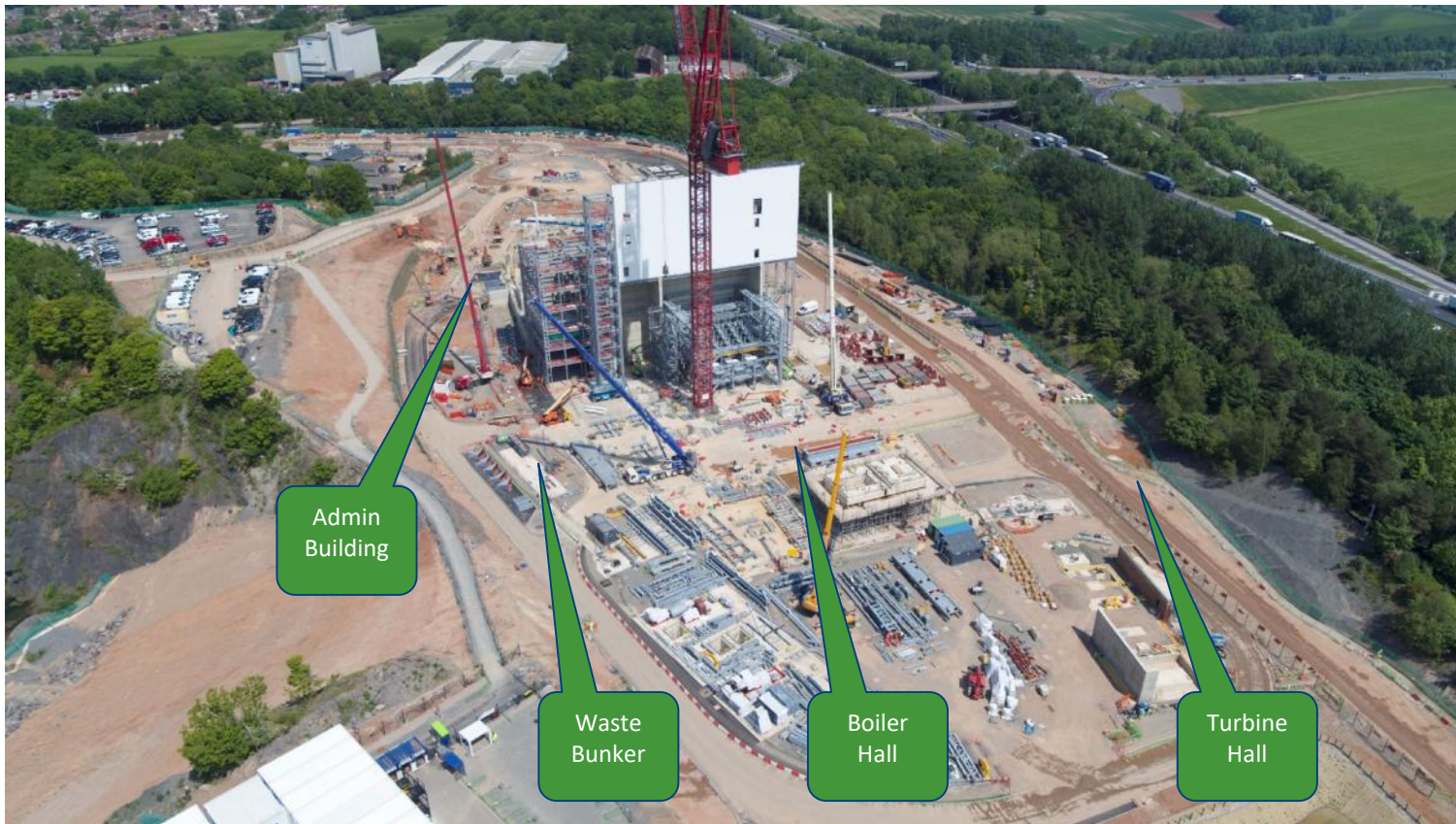
General Arrangement



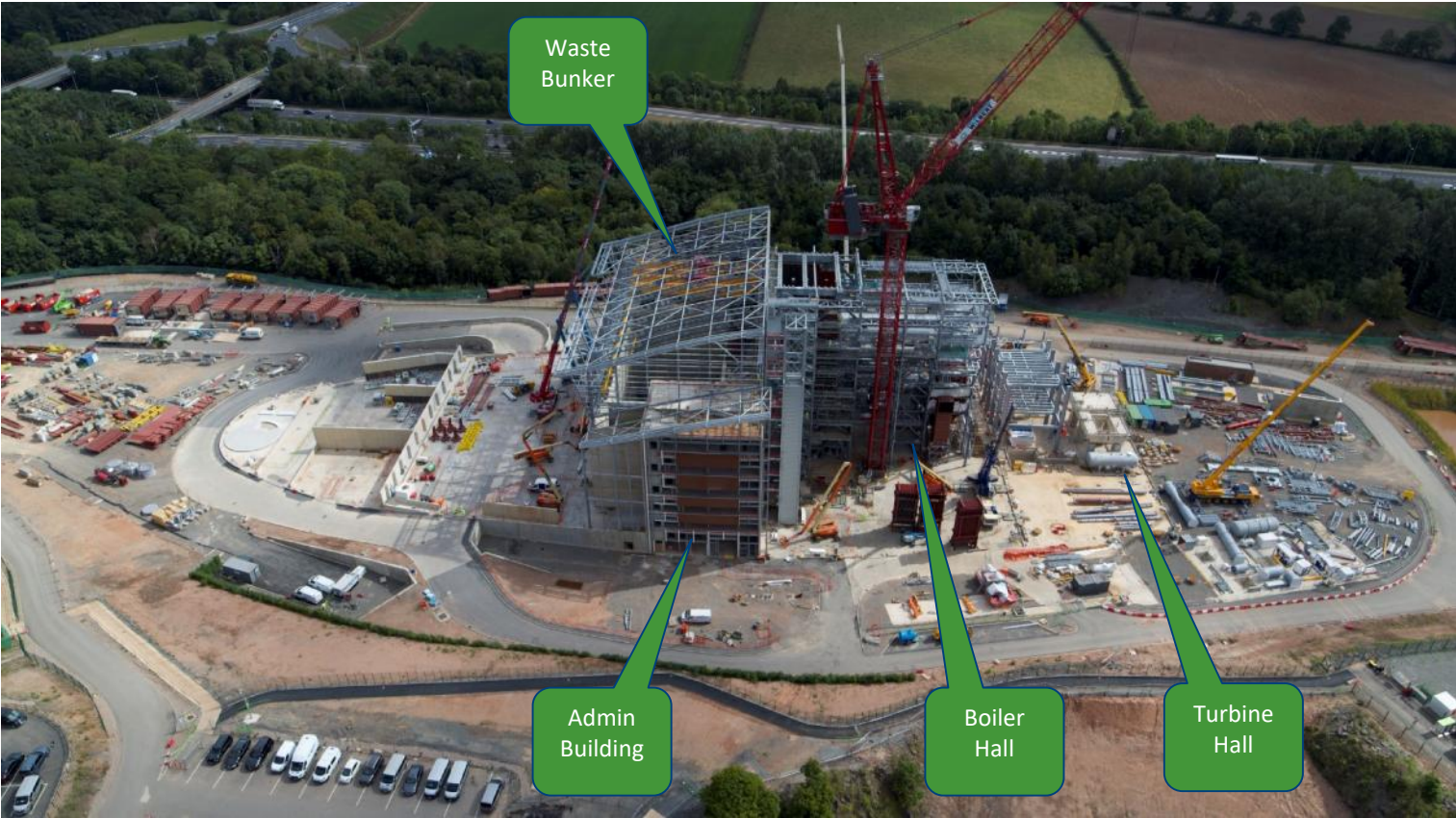
Project Timeline



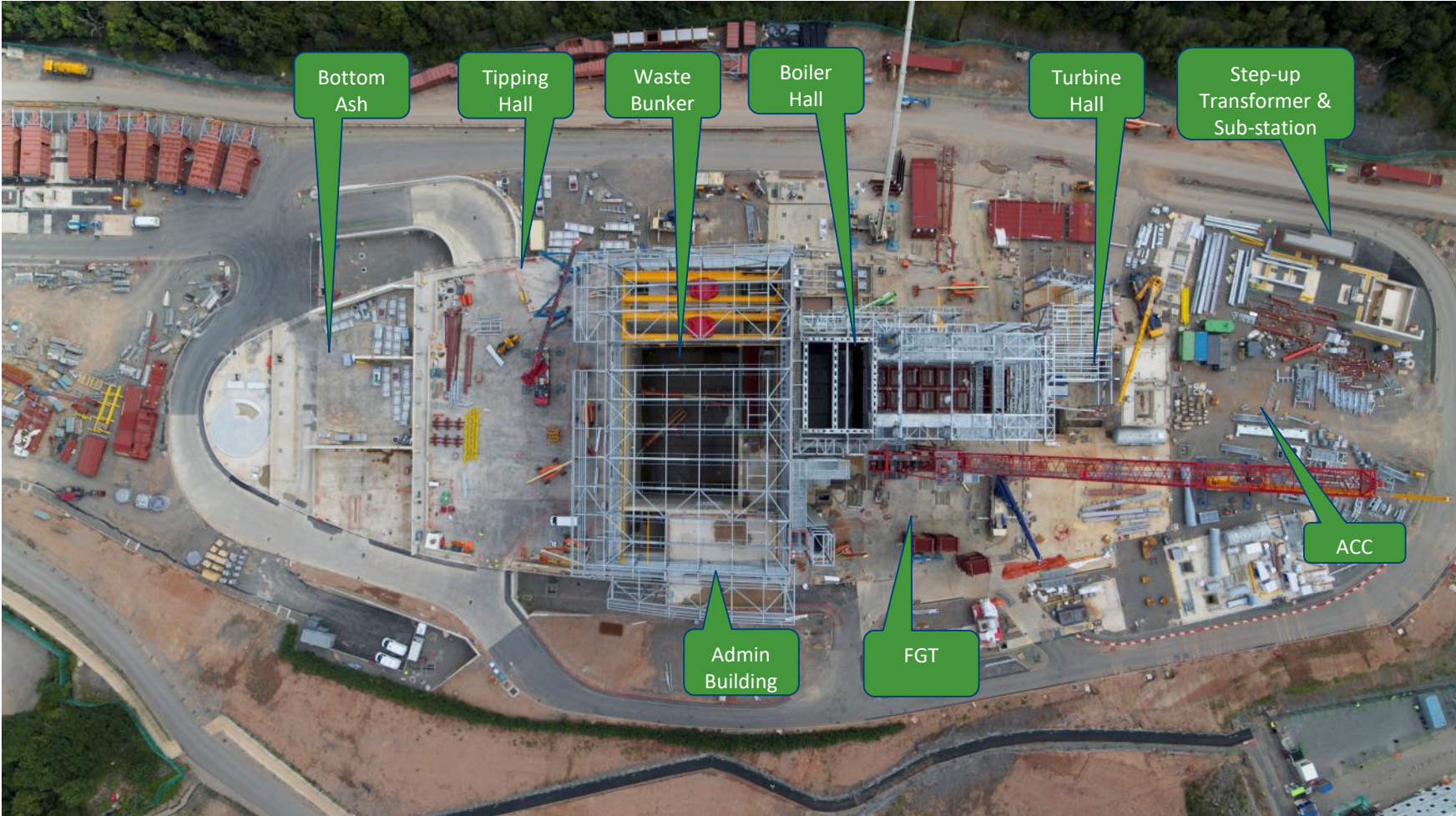
July 2021



October 2021



October 2021



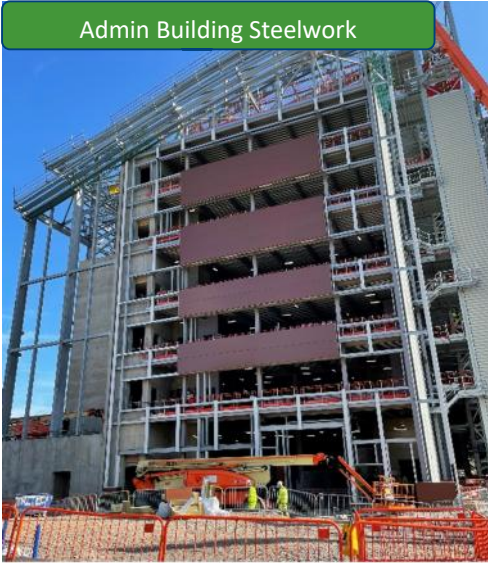
Progress Photos



View looking north



View looking south-east



Admin Building Steelwork

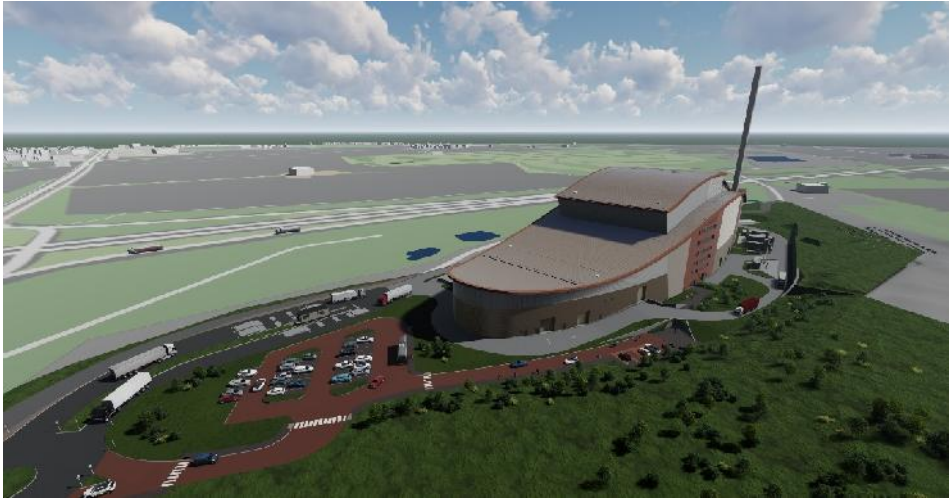


View looking north-west

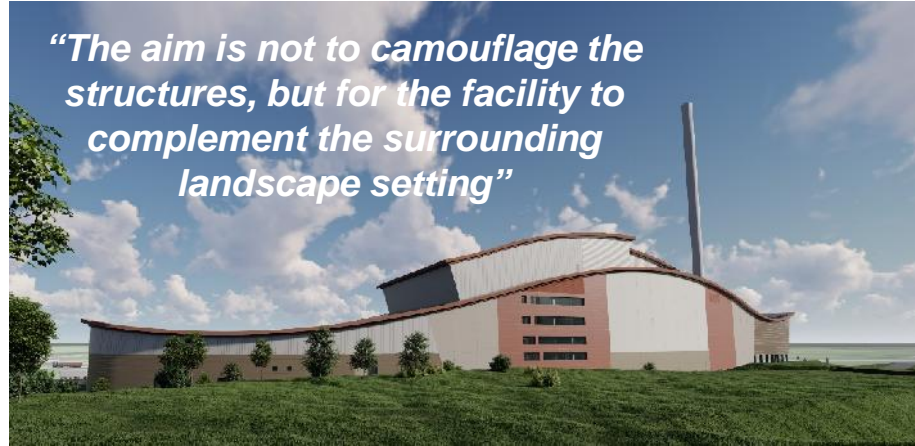
Boiler Panel installation



What will it look like when it is built?



“The aim is not to camouflage the structures, but for the facility to complement the surrounding landscape setting”



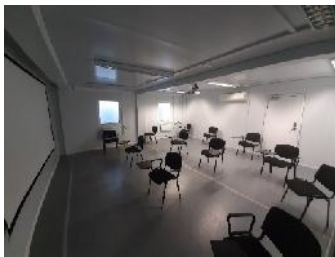
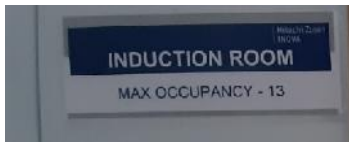
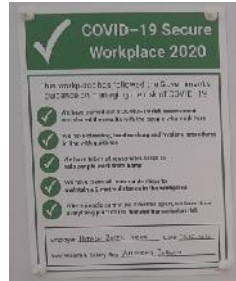
“The building is designed to develop a synergy within the context of undulating land, and rolling topography with its belts of mature woodland and exposed areas of rock and earth”



COVID-19 Management & Action Plan

- All arrangements are in line with current UK Government guidance and Site Operating Procedures published by the Construction Leadership Council
- UK Government position since the start of the pandemic has been that where suitable measures can be implemented, construction sites in England should remain operational.
- The Plan for the Newhurst project includes:
 - All persons arriving at site are subject to temperature screening.
 - Workforce start, finish and break times are staggered to avoid large groups.
 - Site Welfare and Offices have been designed to be large enough to enable social distancing.
 - Additional handwashing facilities and sanitiser.
 - Expanded the site cleaning team to ensure areas are cleaned and disinfected frequently.
 - Masks are being worn when moving around offices.
 - Site support staff working from home where possible.
 - Full-time Medic on site with Covid-testing capability, should it be required.
 - 'Misting' tunnels in operation to disinfect clothing.

COVID-19 Site Measures



3 Month Lookahead

- Erection of the Building Envelope will continue including steelwork and cladding.
- M&E Contractors will continue with installation of the Combustion equipment, Flue Gas Treatment and Water Steam Cycle equipment.
- Electrical and Piping subcontractors will mobilise to site.
- Delivery of the Turbine Generator and Stack expected in November 2021.
- Factory inspections to check on manufacturing progress will continue (remotely due to Covid-restrictions).
- Non-construction related visits are now able to be scheduled.
- Newhurst Plant Manager will join the team.

- ***Any questions?***

COVANTA

Powering Today. Protecting Tomorrow.

Newhurst ERF

Fire Regulation and Certification

Question

Brief the Liaison Committee on fire regulations and certification. Fire is the plant's business with extreme temperatures operating, but there are no doubt peripheral risks.

What certification and inspections are necessary and at what stage in the testing and operation?

Newhurst – Fire Regulations and Certification

- **Key Documents**

- Fire Prevention Plan (part of Environmental Permit)
- Fire Strategy Report
 - Used to support application for Building Regulations approval.
 - Forms part of the O&M documentation (considered a live document which would require to be reviewed if and when changes are made to the building).
 - Purpose is to identify solutions for risks posed by fire hazards.
 - It describes the design principles and mitigation measures adequate in the unlikely event of a fire to:
 - Ensure an adequate level of life safety for all occupants;
 - Ensure that the property is protected as far as reasonably practical;
 - Minimise the impact on business operation due to a potential fire;
 - Reduce the potential for pollution impact on the environment.

Newhurst – Fire Regulations and Certification

(A) Designed to relevant standards/ Guidance

- The Building Regulations
- BS 9999: Code of practice for fire safety in the design, management and use of buildings.
- NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations.
- Passive Fire Protection - BS EN 1182
- Active Fire Protection – BS 5839-1, BS EN 3, BS EN 54
- Insurer (Chubb) Guidance Documents: ‘Energy from Waste – Fire Systems’ and ‘Waste Processing Plants – Fire Systems’
- Good Engineering Practice

(B) Installation/ Testing

- Fire Detection and Protection
 - Installed, Tested and Certified by approved installers

(C) During Construction

- Activities undertaken – Joint Code of Practice 9th Edition
 - Applies to Procurement, Construction and Design processes and compliance is a requirement of the Construction Insurance

Newhurst – Fire Regulations and Certification

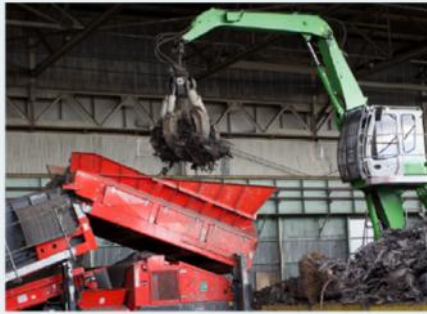
(D) Prior to Acceptance of Waste

- Building Regulations approval
- Readiness to Accept Waste Certificate
 - Include Fire detection and protection completed and signed off
- Fire Prevention Plan (FPP) - Updated and approved by Environment Agency
- Written confirmation from Insurer

(E) During Operation

- Regular testing of equipment
- Maintenance regime – Fire detection/ Fire Protection

Thank You



Questions Template for LLC Members

Topic of the Question-

To help me address your question to the right person, please indicate the nature of the issue or question that you would like to raise:

- | | |
|---|-------------------------------------|
| Plant Construction | <input type="checkbox"/> |
| Emissions and Monitoring | <input type="checkbox"/> |
| Environmental or ecological issues | <input type="checkbox"/> |
| Traffic or roads and pathways | <input type="checkbox"/> |
| Committee Membership or Process | <input type="checkbox"/> |
| Other | <input checked="" type="checkbox"/> |

Question or Issue- please give your question or issue briefly here with any points that you specifically would like answered.

At the last meeting reference was made to IC2 being a post commissioning requirement in the Permit to produce data on the size distribution of particulate matter. And it was requested that a link be provided to this when this has been completed, to which the answer was in the affirmative.

My question is: as there are a number of Improvement Conditions to be completed at or after commissioning and a number of Pre-operational measures that must be completed could links be provided to this Committee on a similar basis that Mary is currently providing on planning changes.

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Name
Date Raised.

Questions Template for LLC Members

Topic of the Question-

To help me address your question to the right person, please indicate the nature of the issue or question that you would like to raise:

- | | |
|------------------------------------|-------------------------------------|
| Plant Construction | <input type="checkbox"/> |
| Emissions and Monitoring | <input checked="" type="checkbox"/> |
| Environmental or ecological issues | <input type="checkbox"/> |
| Traffic or roads and pathways | <input type="checkbox"/> |
| Committee Membership or Process | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Question or Issue- please give your question or issue briefly here with any points that you specifically would like answered.

These may be for Covanta, Biffa or EA and I am looking for obligations on them not simply their proposals, which I am sure you understand.

Please could you advise me how, where and when, statistical records of emissions from the Stack will be published (a) under test and (b) live running.

One of the things which concerns me is what I do if someone, or some people, in the area I represent tells me there is a 'funny smell' or an 'unusual cloud' and says it's the EfW plant. Will there be anything in the public domain that I can access to perhaps reassure them that everything is working well at Newhurst?

Name Councillor Max Hunt

Date Raised. 15/9/21