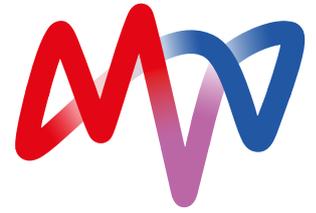


MEB Newsletter

Autumn 2020



**We inspire
with energy.**

Dear Reader,

Welcome to the Autumn 2020 edition of the MEB Construction Newsletter. In line with our policy of keeping you informed, this edition of our newsletter will focus on the forthcoming activities and the proposed transition from the current construction works to the commissioning phase of the project. The building itself is now substantially enclosed with the final cladding installed on much of the structure.

The main activities being undertaken are:

- External works including the southern boundary capping of the sheet piling with a concrete encasement which is almost complete.
- Admin building fit-out which is nearing completion.
- Assembly of the water-steam-cycle, which is nearing completion with the insulation and the cladding scope progressing well.
- Pressure testing of systems, being 90% complete.



External areas nearing completion

Construction Update

Despite the challenging effects of the Covid-19 pandemic, we are grateful to all our contractors and sub-contractors for their works and efforts to ensure that the government approved measures which we put forward to mitigate the risk of the spread of the virus are being effected. Total man-hours worked to end of August is 734,979 with no reportable lost time due to accidents during the period.



View of new facility from the north

We have passed, or are soon to pass, some important milestones:

- Cold commissioning has commenced.
- Power has been energised to various pieces of plant equipment e.g. boiler feedwater pumps and compressors driers.
- First heating of the boiler with oil is currently planned to start at the end of September.
- Hot commissioning is planned to start in mid-October.
- First delivery of waste planned to start in mid-November.
- First heating of the boiler with waste is currently planned for the last few weeks of November.

Considerate Constructors

We are delighted to inform you that we have improved our audit score achieved under the Considerate Constructor Scheme yet again. We obtained an A1 score, which equates to a 4 and half star Award under the scheme for going 'Above and Beyond' the Considerate Constructors measures in Covid-19 prevention, community benefits, cleanliness and tidiness of the construction compound and immediate vicinity.



Fire protection manifolds installed



Michelin Substation: Installation completed

Our Future Activities

Hot Commissioning / Steam Blow out – earliest planned start 7th October 2020

The purpose of this procedure is to remove grease, metal swarf and dirt residues, which inevitably arise during various fabrication and installation activities, from the inside of the newly installed boiler system. If left uncleaned, these materials can cause damage to the steam systems.

Steam blowing is a cleaning operation which uses steam to remove impurities from the system. The expansion and contraction of the steam piping also helps to loosen any impurities. As steam blowing process produces a high noise level, we anticipate that the operation will be seen and/or heard by residents. Therefore, we will keep you informed beforehand as well as updates on our website. In order to reduce the overall noise level during steam blowing, a temporary silencer will be installed at the outlet of the blow-out line. The silencer exit will be positioned so that the exhaust steam will not cause harm to the surrounding areas.

Three to four blow-out cycles will be carried out per day, lasting 4-7 minutes, over a period of 14 working days, between 8am – 6pm.

Noise monitoring and readings at sensitive receptor locations will be carried out at proposed outlets during the commissioning in accordance with our Site Noise Monitoring Programme and SEPA's guidance. To further control anticipated environmental impacts, steam blowout activities will be carried out under strict guidance and observation from our contractors, the local authority and SEPA representatives.

How to get in touch

We would like to thank you for your continued support and cooperation throughout the construction process so far. If you have any queries or concerns, or would like to request further information or a site visit, please call our Community Liaison Manager, Mimi Mwasame, on 07966 216 041, or send her an email on mimi.mwasame@mvvuk.co.uk.

