

## Local stakeholder update – October – November 2017

Below is a summary of the work that has taken place over the last month, and the work planned for the following month.

### OCTOBER

- Following the completion of the concrete base for the ash handling facility in August, work started on the steel structure for the building, including the A-frame. The ash handling facility will house the silos that will be used to store the ash generated by the gasification process.
- The Air Cooled Condenser (ACC) mechanical installation was completed. The ACC is a tube heat-exchange system installed at the outlet of the steam turbine. The steam exiting the turbine passes through a bank of horizontal tubes around which air is circulated to cool the steam and condense it back into water.
- Within the gasification train the soot blowers were installed, along with various piping. The soot blowers are used to clean the boiler pipes when the gasification process is operational.
- Internal work continued within the gasification building to install staircases and handrails, along with lighting, cabling and internal electrics. In addition, the sprinkler system was installed in the gasification reception area.
- Internal work within the administration area also continued, with the installation of interior panelling for walls and doorways, lifts, air-conditioning, ventilation and electrics.
- At the front entrance, work has started on the final road layout with kerbing installed and concrete slabs poured.

### NOVEMBER

- Cabling in the AD buildings will be completed this month. This is an important step to enable us to move onto the next stage of testing as part of the cold commissioning.
- In the gasification facility, the installation of the mechanical equipment within the Refuse Derived Fuel (RDF) bunker will be completed. This is the equipment that will move the fuel into the inlet of the gasification train.
- Further radiography testing is expected on the welds of the boiler pipework in the gasification train. This is an important check to verify the integrity of the welded joints and will be undertaken by independent specialists.
- The cladding on the administration building will be completed, along with the installation of the windows. This will ensure the building is watertight before winter starts.