

SLOUGH MULTIFUEL PROJECT

Newsletter | Winter 2021





Images courtesy of Weedon Architects

SSE Thermal was granted planning permission in 2017 to construct a new multifuel Facility at the Slough Heat and Power site which is located on the Slough Trading Estate.

Construction of the project, which is a joint venture between SSE Thermal and CIP is expected to commence in early 2021, this will follow the completion of decommissioning, demolition and enabling works at the site.

About SSE Thermal

SSE Thermal, part of the FTSE-listed SSE plc, is a leading developer, owner and operator of flexible generation, energy-from-waste, and energy storage assets, with over 600 direct employees across the UK and Ireland. SSE Thermal's vision is to become the leading provider of flexible thermal energy in a net-zero world.

About CIP

CIP was founded in 2012 and is a fund management company specialising in offering tailor-made investments in energy infrastructure assets globally – in particular within renewables and the greenfield segment. CIP has extensive biomass and energy from waste experience in the UK

About HZI

HZI (Hitachi Zosen Inova) will be the main EPC (Engineering, Procurement and Construction) Contractor for the project. They are a global leader in Energy from Waste solutions and have worked with SSE Thermal previously on energy from waste projects.



Images courtesy of Weedon Architects

The Project

The Slough Multifuel project will have a generating capacity of around 50MW. The plant will use up to 480,000 tonnes per year of pre-processed waste derived fuel, with at least two thirds of the waste fuel to be contracted long term. Site preparation, which involved some demolition works and diversions of site services has now been completed. An existing cooling tower at the site will be reused as part of the project.

The remaining part of the Slough Heat and Power plant which currently supplies energy, water and heat to its customers on the Trading Estate will not be affected by the works. The new

multifuel plant, once complete, will be able to provide additional steam to the SHP heat networks.

Next steps-Early 2021

HZI, have been appointed as principal contractor for the project and will establish a contractor's village along Stirling Road early in 2021. A temporary pedestrian bridge will be constructed across Edinburgh Avenue, to allow workers to safely access the Construction site from the Contractor main compound at 683 Stirling Road. An average of approximately 300 staff will be on site, spread across three working shifts throughout a 24-hour working day.

"A temporary pedestrian bridge will be constructed across Edinburgh Avenue, to allow workers to safely access the Construction site from the Contractor main compound at 683 Stirling Road."

Construction Programme

**please note these are estimated dates and subject to change*

Early 2021	Main construction works begin
Q4 2021	Slipform bunker (continuous three-week concrete pour)
Q1 2022	Steel works become visible above ground
Q4 2022	Turbine delivery and installation
Q3 2023	First steam blows as part of commissioning works
Q4 2023	First fuel delivery to site
Q3 2024	Project handover to operations

At the present time, the programme is not expected to be impacted by Covid-19.

