

July 6, 2023

Hitachi Zosen Inova has received two long-term operating orders for Waste to Energy plants in the United Kingdom

Hitachi Zosen Inova AG (HZI, Switzerland), a wholly owned subsidiary of Hitachi Zosen Corporation that engages in the design, construction, and maintenance of Waste to Energy (WtE) plants, has received orders to operate and maintain two WtE plants in the United Kingdom; each order has a respective contract period of 25-years after each plant has completed their respective construction and commissioning phases.

The first operation and maintenance (O&M) award is on a plant that HZI is currently building in Slough, Berkshire in England (stoker-type incinerator, waste treatment capacity: 480,000 t/a, power output: 49.9 MW), for SSE plc Group, a major UK energy company engaged in the power, renewable energy and gas business, and its joint venture partner, Copenhagen Infrastructure Partners, a global leader in renewable energy investments.

The second O&M award is for a WtE project being developed by Encyclis, a large developer and operator of energy recovery facilities in the U.K., and Europe, together with Brockwell Energy Ltd (Brockwell) Group, a Scotland-based renewable energy business developer. Jointly the partners are developing the Earls Gate Energy Centre in Grangemouth, Scotland. The plant is scheduled to be completed at the end of 2023 (stoker-type incinerator, waste treatment capacity: 216,000t/a, power generation output: 33MW of heat for industrial use and 22MW of electricity).

In addition to the above projects, in 2021, HZI was previously awarded a separate contract by Brockwell for the design, construction, and 25-year operations of the Westfield Energy Centre, a WtE plant (stoker-type incinerator, waste treatment capacity: 240,000 t/a, power output: above 23 MW) in Fife, Scotland. Adding these two new orders, HZI will soon operate three WtE plants in the U.K.

HZI has been focusing on engineering, procurement, and construction of large-scale WtE plants for many decades. In recent years, HZI has been reforming its business structure to achieve sustainable growth by focusing on long-term operation and maintenance, as well as expanding its biogas business and their suite of energy recovery solutions for its customers and society in the race to Net Zero around the world.

In the U.K. today, where WtE is widespread, HZI has now been awarded three long-term O&M contracts. This is also being replicated in new markets around the world, where HZI has further operational and maintenance orders for WtE projects in Dubai (UAE) and Rockingham (Australia).

Hitachi Zosen has a proven track record in the field of operation & maintenance of WtE plants, having currently undertaken maintenance for 131 facilities, waste treatment operation at seven facilities, and comprehensive facility operation at more than 30 facilities. We will share AI and ICT technologies and know-how that enable efficient operation and improved power generation efficiency, which combined will work to strengthen the maintenance and long-term operational business in HZI and other overseas markets.

The overview of the projects are as follows.

1. For SSE plc

- (1) Client : SSE Slough Multifuel Limited (Special Purpose Companies by SSE plc)
- (2) Owner : SSE plc Group
- (3) Location : Slough, Berkshire, England. U.K.
- (4) Capacity : Stoker type incinerator: 480,000t/a, power generation output: 49.9MW
- (5) Operation Period : July 2024 to June 2049

2. For Brockwell Energy Ltd

- (1) Client : Earls Gate Energy Centre Ltd
- (2) Owner : Brockwell Energy Ltd
- (3) Location : Grangemouth, Fife, Scotland. U.K.
- (4) Capacity : Stoker-type incinerator: 216,000t/a, power generation output: 22 MW
- (5) Operation Period : December 2023 to November 2048