

October 12, 2022

## Received an order for an EfW plant in Kuki city, Saitama prefecture

A group of companies led by Hitachi Zosen Corporation has recently received an order from Kuki City, Saitama Prefecture (Mayor Shuichi Umeda), for an energy-from-waste ("EfW") plant on a Design/Build/Operate (DBO) basis.



Completion image

This project involves the construction of a new EfW plant and recycling facility in response to the aging of existing facilities. We received the order for this project after a comprehensive evaluation of our proposal, which included high power generation efficiency, landscape-friendly exterior design, and environmental education for citizens. After construction, the facility will be operated for 20 years by a special purpose company established for this project.

Since delivering Japan's first EfW plant to the City of Osaka in 1965, Hitachi Zosen Group has delivered more than 500 waste treatment plants in Japan. We will continue to actively work toward achieving the SDGs (Sustainable Development Goals) and solving environmental problems through the widespread use of EfW plants.

Outline of the project:

1. Client: Kuki City (Mayor Shuichi Umeda)
2. Group composition:
  - Representative company: Hitachi Zosen Corporation
  - Component companies: Penta-Ocean Construction Co., Ltd.  
Kawasaki Giken Co., Ltd.  
Hitz Environmental Services Co., Ltd.
3. Construction site: Kuki City, Saitama Prefecture
4. Facility capacity:
  - Energy recovery facility,
  - stoker-type incinerator: 155 t/day (77.5t/day x 2 lines)
  - Material recycling facility: 11 t/day (5 hours)
5. Project period:
  - Design and construction: October 2022 - March 2027
  - Operation: April 2027 - March 2047 (20 years)