

FS on energy recovery from waste management (2022)

Project name : Hai Phong City Municipal and Industrial Solid Waste Treatment and Power Generation Project

1.FS implementation company

(Project developer)

JFE Engineering Corporation

2. Country and Waste types

(Year for FS implementation)

FY 2022

(Country)

Vietnam

(Waste types)

Municipal Solid Waste : 1,000tpd

Industrial Solid Waste : 200tpd

3.Planned project outline

(Technology)

Waste to Energy

(Project description)

Proper treatment of municipal solid waste generated from Hai Phong City and industrial solid waste from industrial parks inside and surrounding Hai Phong City at Waste to Energy plant. Power generation by using the residual heat and Power supply to the national grid.

(Project implementation formation)

JFE Engineering will take the lead and form the SPC with local partner “Thuan Thanh” as a business operator. JFE will be the main EPC contractor. For O&M at the plant, JFE will provide operational guidance for a certain period of time, transfer technology, and then shift to operations led by SPC independently.

(Impact of reducing environmental burden)

Environment improvement at landfill site by proper treatment of waste and utilizing renewable energy by generating power from residual heat. As a result, greenhouse gas reduction of 197,492t-CO₂eq/y is expected.

(General picture of this project)

