

# Introduction of Cogeneration System in Hotels in Surabaya, Indonesia

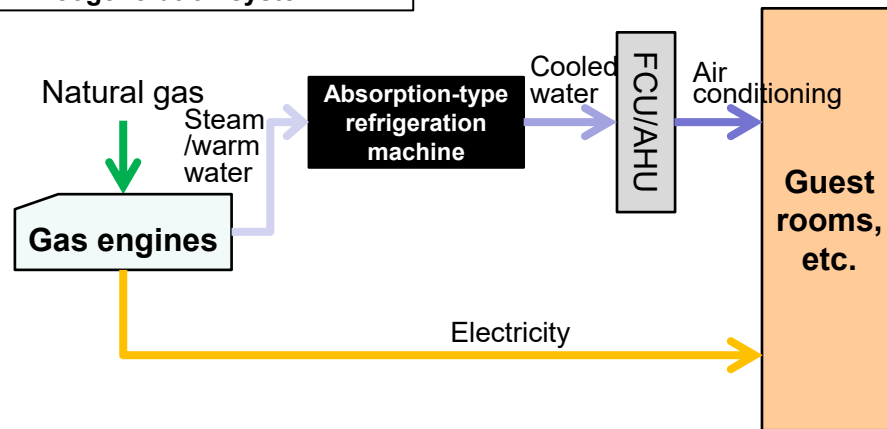
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MOEJ: Commissioned study on the feasibility of the development of the Joint Crediting Mechanism (Study on the formation of JCM projects) (2014~) (51)

This project aims to introduce a cogeneration system in Hotel Bumi Surabaya in the City of Surabaya, Indonesia. The project will supply electricity generated by a gas engine to the hotel, and will reduce CO2 emissions by using waste heat for air conditioning using absorption-type refrigeration machines as a substitute for the electric power from the system and the power consumption of the chiller.

The scale of the project will be an initial investment of about JPY 300 million for a 1 MW-class gas engine. The project aims to be operational by the end of FY 2016.

Image of energy supply using a cogeneration system



Hotel Bumi Surabaya



## 【Implementation System】

