

[Environment & Energy] JERA Co., Ltd.



Jera

Energy for a New Era

<https://www.jera.co.jp/english/>

- ❑ Address: Chuo-ku, Tokyo
- ❑ Number of employees: 4300
- ❑ Established in 2015
- ❑ Business activities: Thermal power generation, renewable energy, gas and LNG

Outline of the demonstration project

- Verification of a business model using digital technologies and power infrastructure standards for thermal power plants

Cooperation with local companies/governments

- Local partners:
 - KHANOM ELECTRICITY GENERATING COMPANY LIMITED (Thermal Power Generation Business)



Targeted economic/social issues and solutions

- There is an increasing need to review energy policy in Thailand due to the worsening air pollution and the depletion of domestic natural gas resources.
- To aim to optimize plant operations and thereby reduces environmental impact through early detection of signs of anomalies and maintaining plant heat rate by analyzing the plant operation data with advanced digital technologies. Also, to explore new business opportunities such as reducing insurance premiums by acquiring certification for ISO standards.