

May 11, 2023
Kyushu Electric Power Co., Inc.
RENOVA, Inc.

Kyushu Electric Power Company and Renova to Conduct a Survey on Geothermal Resource in the Western Area of Unzen (Unzen City, Nagasaki)

Kyushu Electric Power Co., Inc. ("Kyushu Electric Power"; President & CEO: Kazuhiro Ikebe) and RENOVA, Inc. ("Renova"; Representative Director, President & CEO: Yosuke Kiminami) will carry out a survey on geothermal resource in the western side of Mt. Fugen in Unzen City, Nagasaki ("Western Area of Unzen"). The aim of this endeavor is to develop and install geothermal power generation, which can be a power source that excels in terms of using domestic energy and mitigating global warming.

We, Kyushu Electric Power and Renova have been proposing a geothermal resource survey to Unzen city, complying with Unzen City Ordinance Concerning the Protection and Utilization of Geothermal Resources. Following reports by the council of the city, we received the consent of the city on May 10, 2023.

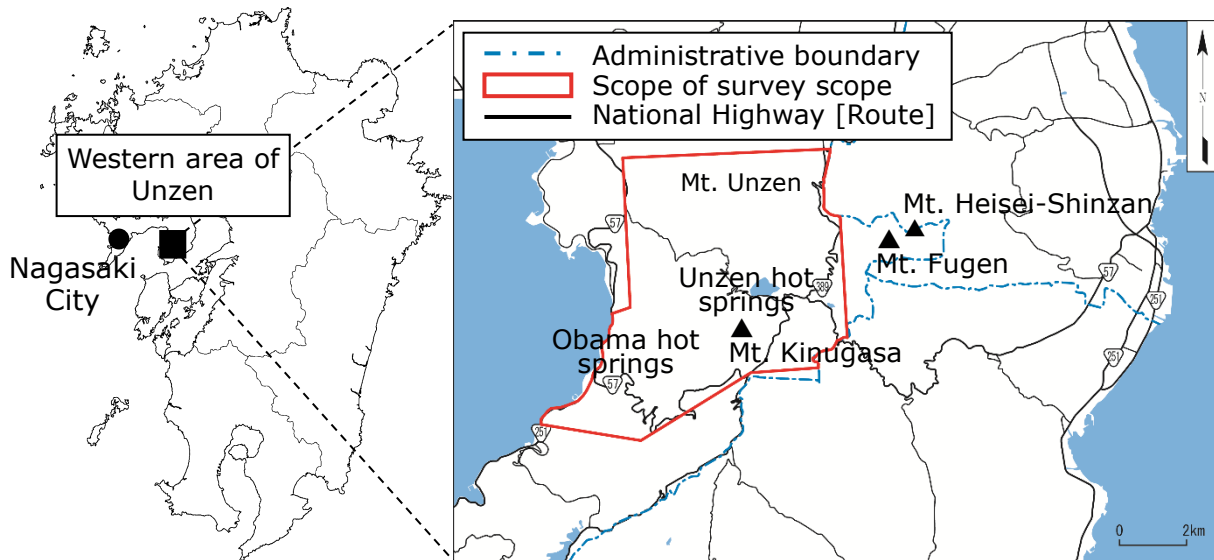
We plan to conduct a monitoring survey on such areas nearby hot springs and perform surface surveys to identify subsurface structures after completing legal procedures.

The two companies will promote geothermal development efforts to achieve carbon neutrality by 2050.

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Overview of Geothermal Resource Survey in the Western Area of Unzen

1. Survey location



2. Items and objectives of survey

Items	Objective
Surface survey	Estimate subsurface structure based on various surveys from surface
<ul style="list-style-type: none"> • Gravity survey 	<ul style="list-style-type: none"> • Measure gravity and estimate deep subsurface structure
<ul style="list-style-type: none"> • Magnetotelluric survey 	<ul style="list-style-type: none"> • Measure subsurface electricity and magnetism to estimate rock distribution and subsurface structure
Hot spring monitoring	Identify seasonal variation and other age-based change in hot springs within the area