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To whom it may concern

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Notice of Commencement of Preliminary Surveys and Facility Design for Construction of LNG-fired Unit 2 at the Toyama Shinko Thermal Power Station

We hereby announce that we have decided to proceed with the construction plan for LNG-fired Unit 2 at the Toyama Shinko Thermal Power Station and have commenced preliminary studies and facility design as follows.

At the Toyama Shinko Thermal Power Station, the Company has begun considering plans to construct an LNG-fired Unit 2, which will be a state-of-the-art high-efficiency gas turbine combined cycle power generation facility, in conjunction with the decommissioning of the aging coal-fired Unit 2 and the inactive oil-fired Unit 1, as a measure to ensure power supply and reduce carbon emissions from thermal power generation. The Company has also initiated the Environmental Impact Assessment (EIA) process (submission of a document on primary environmental impact consideration).

Since the start of the construction plan review, the Company has conducted a comprehensive feasibility study covering technical matters and economic aspects and has now decided to finalize the construction of the Toyama Shinko Thermal Power Station LNG-fired Unit 2 and commence preliminary surveys and facility design.

Going forward, the Company will continue detailed discussions regarding the facilities and proceed with plans with the understanding and cooperation of local residents and relevant parties, aiming to commence operations in fiscal 2033.

With the construction of LNG-fired Unit 2, the Company expects to reduce its annual CO₂ emissions by approximately 2 million tons. *

Based on the roadmap to achieve carbon neutrality, the Company will continue to make every effort to achieve carbon neutrality by 2050 by promoting the transition to carbon-neutral fuels (hydrogen and ammonia)

and the introduction of Carbon dioxide Capture, Utilization and Storage (CCUS) technologies.

* Estimated value of replacing coal with LNG in 600,000 kW class thermal power plants

[Outline of Construction Plan for LNG-fired Unit 2 at Toyama Shinko Thermal Power Station]

Location	1 Horiesengoku, Imizu-city, Toyama
Power generation method	Combined cycle power generation method
Output	Approx. 600,000 kW
Fuel	LNG
Start of construction	FY 2029 (planned)
Start of operation	FY 2033 (planned)

[Construction schedule (planned)]

Fiscal year	24	25	26	27	28	29	30	31	32	33
Whole process		▼ Start of Environmental Impact Assessment				▼ Start of preparatory work				↓ LNG-fired Unit 2 Start of operation ▼
						▼ Start of main construction				
EIA										
Preparatory work										
Construction work										

[Overview of Power Station Composition at Toyama Shinko]

	Present		After FY 2033 (planned)	
	Output	Fuel	Output	Fuel
Coal Unit 1	250,000 kW	Coal and heavy oil	To be discontinued	
Coal Unit 2	250,000 kW	Coal and heavy oil	To be discontinued	
Unit 1	240,000 kW (inactive)	Heavy oil and crude oil	To be discontinued	
Unit 2	500,000 kW	LNG, heavy oil and crude oil	500,000 kW	LNG, heavy oil and crude oil
LNG Unit 1	424,700 kW	LNG	424,700 kW	LNG
LNG Unit 2	-		600,000 kW class	LNG
Total	1,424,700 kW*		Approx. 1,520,000 kW	

* Excluding the inactive output of Unit 1

[Preliminary surveys and facility design]

- Environmental surveys (current conditions survey, forecast assessment, etc.)
- Facility surveys (geological surveys, etc.)
- Facility design (foundation, building, power generation facility design, etc.)