

# Industries' activities and visions toward a Carbon Neutral society

## Moderator:

Kenji Yamaji, Senior Vice President/Director-General, Research (RITE)

## Panelist:

Junya Tawa, Executive Officer, Planning Group of Corporate Strategy Department, JERA CO., Inc.

Fukano Yuki Yoshi, Senior General Manager of Environment Division of The Japan Gas Association

Shoji Kusumoto, Director, Environmental Management Department, Quality & Environment Division, Panasonic Corporation.

## Summary of presentation

### ■ JERA CO., Inc.

#### JERA Zero CO<sub>2</sub> Emissions 2050

JERA's efforts for Zero CO<sub>2</sub> Emissions toward 2050 and a road map toward achieving carbon neutrality suitable for Japan's electric power system are explained.

### ■ The Japan Gas Association

#### Carbon Neutral Challenge 2050

– Contributing to Decarbonized Society by Achievement of Gas Carbon Neutrality in 2050 –

- The gas industry has formulated “Carbon Neutral Challenge 2050” to demonstrate its commitment to achieve carbon neutrality by 2050, that contributes to the realization of a decarbonized society in 2050.
- During the transition phase on the path to a decarbonized society in 2050, we will contribute to a steady and significant CO<sub>2</sub> reduction by switching to natural gas and advanced use of natural gas. For a decarbonized society in 2050, we will decarbonize gas itself by innovations such as hydrogen and methanation technology. Carbon neutrality will be achieved by a combination of these diverse approaches.
- In addition to contributing to a decarbonized society, gas and its systems can solve various other social issues such as energy resilience and regional revitalization.

### ■ Panasonic Corporation.

#### Panasonic Environmental Vision 2050 Initiatives

Explain the carbon neutral world that Panasonic aims for in Panasonic Environmental Vision 2050, and the concrete efforts for achieving it by including actual examples of factories, products, and services.

## Biography

■Junya Tawa, Executive Officer, Planning Group of Corporate Strategy Department, JERA CO., Inc.

He started his career with TEPCO in 1995 after graduating from Waseda University's Department of Political Science and Economics.

After working at a branch office, he was seconded to an IT venture company and engaged in planning business strategies.

Since then, he has been involved in the launch of upstream LNG projects such as the Wheatstone Project in Australia and LNG procurement for LNG projects in various countries.

After the Great East Japan Earthquake, he was involved in the establishment of JERA Co., Ltd. and assumed the position of Executive Officer, Planning Group of Corporate Strategy Department, JERA Co., Ltd. in July 2016. He has been engaged in the development of management foundations and company-wide strategic planning, etc., to the present.

■Fukano Yuki Yoshi, Senior General Manager of Environment Division of The Japan Gas Association  
1985: Kyoto University, BA of Mechanical Engineering

- 1987: Kyoto University, Master degree of Precision Mechanics
- 1987: enter Osaka Gas Co., Ltd.
- 2011-2013: Senior General Manager of Technology Strategy Department of Osaka Gas
- 2013-2016: Managing Director of Gas and Power Co. Ltd., subsidiary company of Osaka Gas
- 2016-2018: Senior General Manager of Engineering Department of Osaka Gas
- 2018: Senior General Manager of Environment Division of The Japan Gas Association

■Shoji Kusumoto, Director, Environmental Management Department, Quality & Environment Division, Panasonic Corporation.

He started the career at Panasonic in 1988 after graduating from Faculty of Engineering, University of Tokyo.

Since then, he engaged in the development and design of in-house production equipment in various fields such as semiconductors, optical disks, displays, circuit board mounting, batteries, etc. at the Production Engineering Division, and engaged in the installations to factories.

After working at the company's air conditioner factory since 2014, he has been involved in the Corporate Quality & Environment Division since 2016 for reducing CO<sub>2</sub> emissions at factory and formulating a long-term environmental vision. In April 2020, He was appointed to the Director of the Environmental Management Department.