# SHIZGAS

Medium - to Long- term Strategy

February 13<sup>th,</sup> 2015

SHIZUOKA GAS CO.,LTD.

SECURITIES CODE: 9543

# Various Changes Around Shizuoka Gas

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### **Changes in the energy markets**

 Drastic changes after March 11<sup>th</sup> earthquake and subsequent disasters

Upcoming full liberalization of gas and power markets

Possible consolidation in the energy industries

### **Shrinking market**

- Population decrease
- Industries shifting to other areas
- Devices more commonly used for the energy saving

### More diversiform of customers' needs

- Aging society with lower birth rates
- More consciousness for energy saving
- Diversiform of customers' preferences



### Visions of Shizuoka Gas



# **Leading regional solution company**

 $\sim$  Transformation from gas distributor to solution provider  $\sim$ 

- Value creation for our residential customers
- Multi-energy supplies with our best solutions
- Solution businesses by our new LNG storage services in LNG receiving terminal



### Visions of Shizuoka Gas





#### Value Creation for Our Residential Customers

- Energy provider for the residential sector
- Services for more comfortable life
- More commitment to retail customers



### Multi-energy Business

- Energy provider for the industrial and commercial sectors
- Multi-energy supplies with our best solutions
- Engineering services



#### LNG Receiving Terminal Business

- New LNG storage services
- Engagement in developments of the LNG terminal



# Gas Pipeline Network Business

- More extended gas transmission
- Safety construction and maintenance



### Value Creation for More Comfortable Life



### Value creation for more comfortable life

More commitment to residential customers aiming for more comfortable life through gas supply and various services related to customers' life

(Proposals with efficient energy mix)

■ Solutions with integrated energies

[Value creation]

- ■More development of remodeling businesses
- ■New services with life-related merchandises



	2015	2025	
Sales of fuel cell for household	1,700 units	31,700 units	Approximately 10% of our gas customers (in 2025)
Gas heater penetration	15%	22%	
Volume of sales (Gas · L P G)	102 million m <sup>3</sup>	110 million m <sup>3</sup>	
Volume of sales (Power)	-	150 million kWh	Approximately 10% of our gas customers(in 2025)
Sales (Remodeling · Living services)	7.5 billion yen	25 billion yen	Approximately 15% of our gas customers (in 2025)

# Multi-energy Supplies with Our Best Solutions

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# Multi-energy supplies with our best solutions

# Best solutions for each customer in the industrial and commercial sectors

- ■More efficient energy mix with natural gas and electricity
- Maintenance services with responsive customer supports and close communications
- ■Energy management for each distributed energy system



	2015	2025
Volume of sales (Gas · L P G) (for Wholesale)	1,490 million m <sup>3</sup> (760 million m <sup>3</sup> )	1,880 million m <sup>3</sup> (980 million m <sup>3</sup> )
Co-generation	140MW	220MW
Volume of sales (Power)	-	300 million kWh

# LNG Receiving Terminal for Solution Businesses



# LNG receiving terminal businesses

# Various efforts for more competitive price of LNG with seeking for new opportunities

- LNG Storage services seeking for more competitive price of LNG
- Engagement in developments of the LNG terminal



### Gas Pipeline Network Businesses



# Gas pipeline network businesses

# More extended gas transmission More safety construction security with efficiency

- Continuous investments for gas pipelines with good plans enough for more development gas supply and more stable supply
- Gas pipeline network managements to support the stable gas supply
- Improvement of the maintenance for security system for safety



### Efforts for possible damages by earthquakes

■ All gas pipelines to be resistant against the earthquakes by 2023 (Earthquake resistance ratio as of 2015; 92.6%)

### Visions of Shizuoka Gas

### SHIZGAS

"Leading regional solution company" = Customers' satisfaction

# Value Creation for More Comfortable Life • Urban development

- · Gas/ L P G/Power
- Remodeling
- Service for more comfortable life

### **Multi-energy Business**

- · Gas/L P G/L N G/Power
- Maintenance/Energy saving
- P P S /Utility

### Smart energy network

Hydrogen business

### **Gas Pipeline Network Business**

- Pipeline construction
- More stable supply
- · Pipeline management

### **LNG Receiving Terminal Business**

- LNG storage services seeking for more competitive price of LNG
- Expansion of the LNG receiving terminal

# Sales Target



