

5 Action 4: Enhanced resilience functions through the use of natural gas

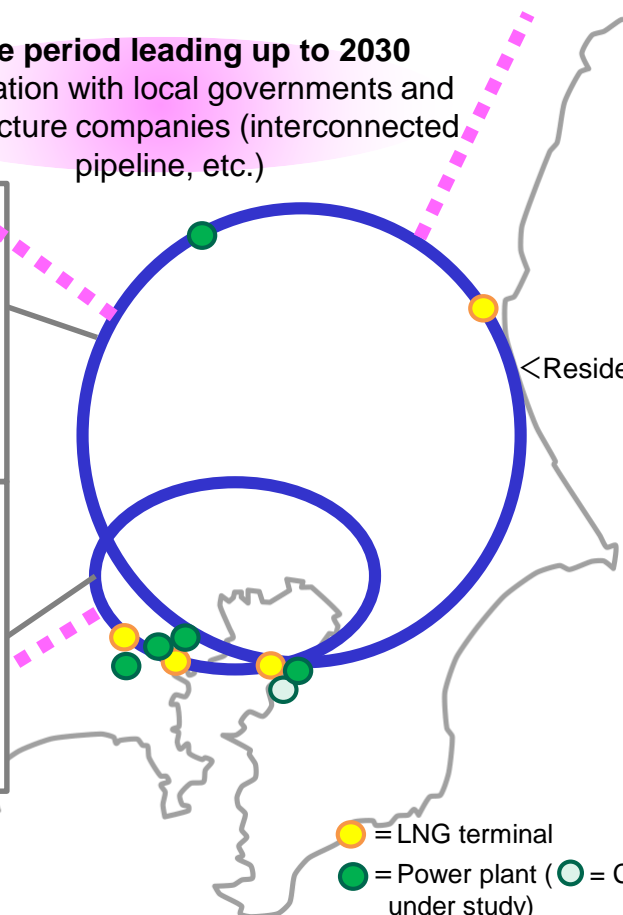
- The opening of the Ibaraki Line in 2020 will create our second circular trunk pipeline network. The Tokyo Gas Group, through stronger cooperation with local governments and infrastructure companies, will work to **strengthen the resilience of the natural gas infrastructure** towards 2030 in the Tokyo metropolitan area that is the political, economic and industrial center of Japan.
- By expanding decentralized energy systems, we will promote **disaster-resilient lifestyles and urban design** that can continue to supply energy even in the event of an emergency.

Enhanced resilience of natural gas infrastructure

In the period leading up to 2030
Cooperation with local governments and infrastructure companies (interconnected pipeline, etc.)

2020
Four LNG receiving terminals interconnected through a main trunk pipeline network by opening of the Ibaraki Line

1999
Three LNG receiving terminals interconnected through a main trunk pipeline network in order to increase and expand natural gas use



Disaster-resilient lifestyles and urban design

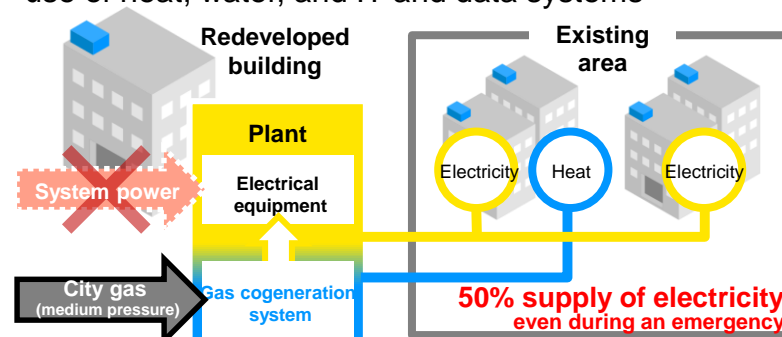
- Enhanced disaster preparedness functions for homes and businesses through the expansion of decentralized energy systems



<Residential fuel cell ("ENE-FARM")>

<Gas cogeneration system>

- Urban design that not only provides electricity in the event of an emergency but also ensures the stable use of heat, water, and IT and data systems



<Nihonbashi Smart Energy Project>