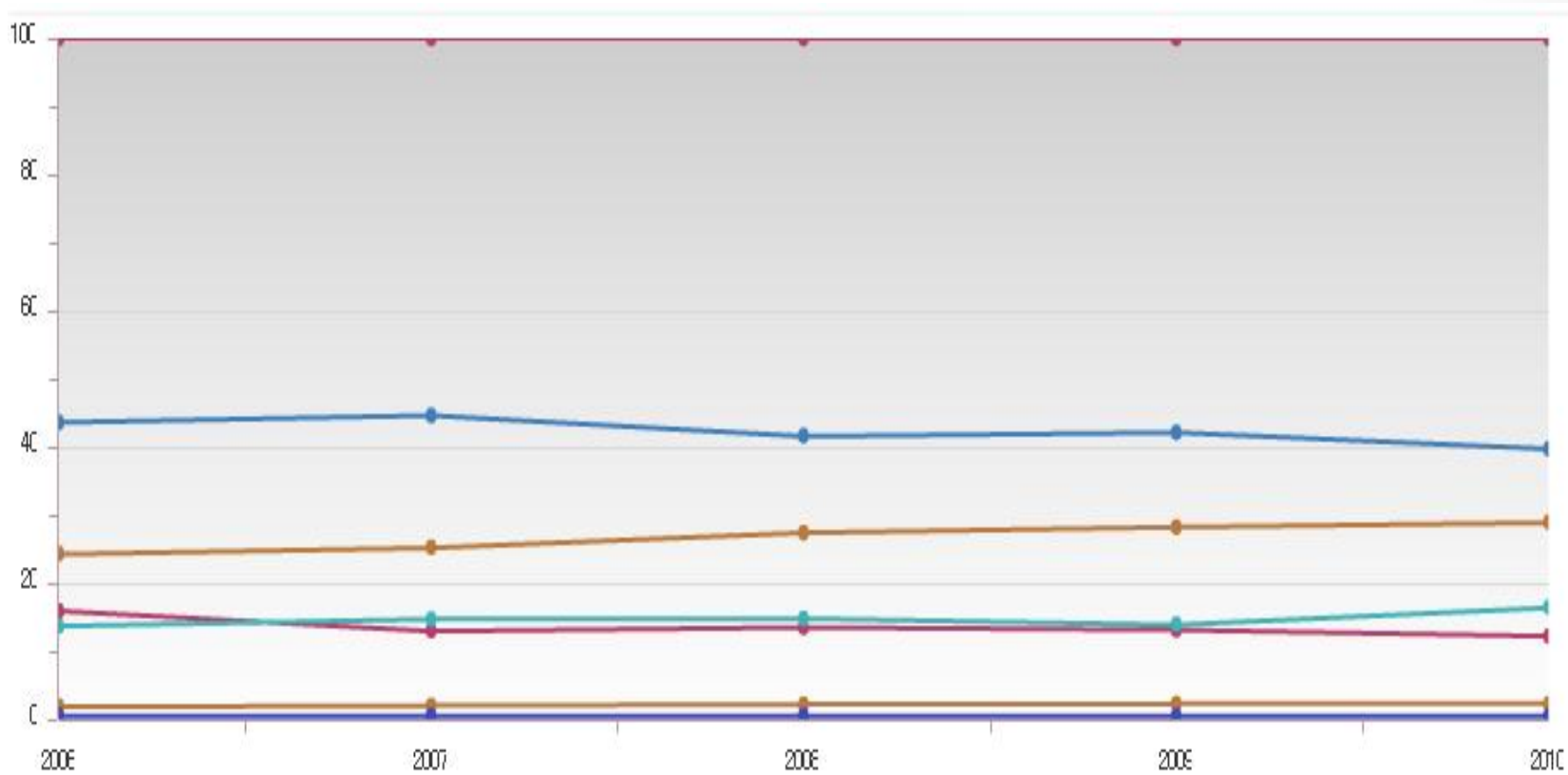


# The Role of Natural Gas in 20 Years in Korea

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# Energy Mix in Korea



From the top Oil(39.7%) – Coal(28.9%) – LNG(16.4%) – Nuclear(12.2%) – Renewables(2.3%) – Hydro(0.5%) in 2010

# LNG Consumption Outlook

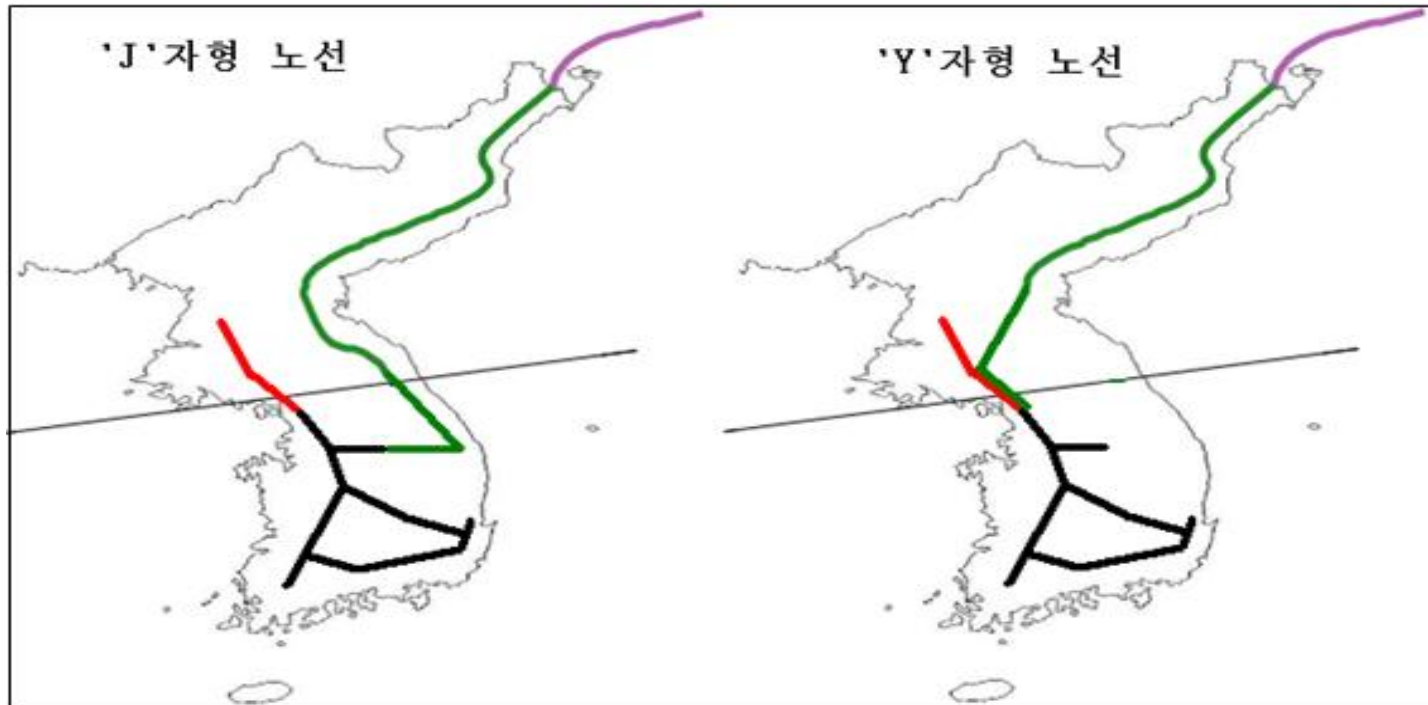
Year	Town Gas	Power	Total
2009	15,510	10,407	25,917
2010	17,118	14,724	31,842
2015	19,210	15,805	35,015
2020	20,298	12,617	32,915
2024	21,770	12,345	34,115
Average Growth Rate	<b>2.3%</b>	<b>1.1%</b>	<b>1.8%</b>

2010 Korea Government Outlook for Natural Gas  
Unit : Ton

# What are the Issues?

- In relation to Fukushima Accident,
- Is the LNG Consumption Outlook of Korea practical?
- Is Nuclear sustainable and safe?
- How to generate electricity without Nuclear?
  - Natural Gas
  - Coal
  - Renewables
- How to meet the demand of Natural Gas?
  - Russia?

# How to import Russian Gas?



- Total Length 1,122km with Russia 150km, North Korea 740km, South Korea 232km.
- In 2017. 7.5Milion ton per Year by PNG(not yet confirmed)
- In 2020, the Rate of Russian Gas in Total Natural Gas : 27.3%(2020) from 8.5%(2010)(Outlook)

# Conclusion