

[PAPER/POSTER TITLE]

Why still nuclear and coal under the energy transition Era?

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Overview

It has passed more than 8 years after the Fukushima nuclear accident in Japan. Under the Energy Transition over the globe, we have seen increasing power generation capacity by renewable even in Japan and supply capacity of natural gas by U.S.A even to the Pacific market.

It takes more years to conclude how much nuclear units will be resumed in Japan and to create additional plan of new nuclear development.

At the same time, there have been a number of new development plan of coal firing power plant while we need to reduce the CO2 emission.

I examine several issues which might intervene the future plan of nuclear development and coal power generation.

It is essential to prepare several important issues to be implemented including new legislation arrangement.

At the same time, if it is difficult to deploy the function of nuclear and coal, what are the consequences.

As a conclusion renewable energy might not support stable power supply by itself in near future. To utilize stable power supply sources by nuclear and coal there are several issues to overcome so quick.

Methods

/Sensitive Analysis of Energy Outlook

/Interviews with private companies and government officers

Results

Data Analysis and interviews is underway.

Conclusions

Renewable energy might not support stable power supply by itself. To utilize stable power supply sources there are several issues to overcome so quick.

Nuclear and coal are still important source of power for the future.

References

An analysis of the historical trends in nuclear power plant construction costs: The Japanese experience,
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