

Response ID ANON-VDK4-6B1B-4

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Do you agree to the Privacy Collection Statement?

Yes, I agree and would like to make a submission using Citizen Space

Individual or Organisation submission?

Are you making a submission as an individual or on behalf of an organisation?

Individual

Your Name and Location

What is your name?

Name of respondent:

Matthew Robinson

Do you live in Australia?

Yes

List of States and Territories

Which State or Territory do you reside in?

State or Territory where respondent lives:

Queensland

1. Attracting energy resources investment

The Government seeks comments on ways the Goals set out at the beginning of this chapter could be achieved.

Provide your response in this box:

Australia has a huge reliance on coal, but we can and should use nuclear for domestic use, and export all our coal to countries that need it.

By going nuclear we have the added advantage of developing a brand new manufacturing industry here at home with its own export potential.

Upload your supporting document (up to 5MB) relating to attracting energy resources investment:

No file was uploaded

2. Electricity prices

The Government seeks comments on ways the Goals set out at the beginning of this chapter could be achieved.

Provide your response in this box:

I strongly urge the Australian government to reconsider its position on nuclear energy and allow the construction and operation of nuclear reactors in Australia for the purpose of electricity generation.

This will maximise the utilisation of existing infrastructure while at the same time providing emission-free electricity generation domestically, and free up coal and gas reserved for export, thereby maximising the return on investment in both.

Upload your supporting document (up to 5MB) relating to electricity prices:

No file was uploaded

3. Building gas supply and improving market operation

The Government seeks comments on ways the Goals set out at the beginning of this chapter could be achieved.

Provide your response in this box:

Upload your supporting document (up to 5MB) relating to building gas supply and improving market operation:

No file was uploaded

4. Security, innovation and energy productivity

The Government seeks comments on ways the Goals set out at the beginning of this chapter could be achieved.

Provide your response in this box:

I strongly urge the Australian government to reconsider its position on nuclear energy and allow the construction and operation of nuclear reactors in Australia for the purpose of electricity generation.

I further urge the Australian government to make it a matter of priority to replace existing coal-burning power stations with nuclear equivalents.

Finally, I urge the Australian government to consider adoption of the Integral Fast Reactor as the base design for nuclear reactors in Australia, as it is commercially available (as S-PRISM or PRISM reactors) and has the added advantages that an unpressurised reactor offers over the existing pressurised models.

Nuclear power has come a long way over the last 60 years, as has our knowledge of radiation and cancer.

We now know that nuclear power plants are extremely safe, even in the event of an accident. We know that radiation is not the killer it was previously thought, and we know that even in doses up to 100 times the current maximum legislated dose of (<1 mSv per year), it is quite harmless.

Nuclear power is extremely environmentally friendly. More so that wind or solar when the quantities of concrete, steel, mining, transportation, land clearing, rare earths and composite materials is taken into account.

Nuclear plants are highly engineered, weather-proof, reliable and long-lasting (up to 100 years for modern designs). They can also be uprated as technology allows, reducing overall cost as demand increases.

Additionally the Integral Fast Reactor produces almost no waste (it uses on-site recycling), is an order of magnitude more weapons proliferation resistant, and generates it's own fuel, extracting more energy from each unit of uranium many times over current reactors.

Australia has a huge reliance on coal, but we can and should use nuclear for domestic use, and export all our coal to developing countries that need it.

By going nuclear we have the added advantage of developing a brand new manufacturing industry here at home with its own export potential.

Please consider taking the first steps immediately by relaxing the laws prohibiting the construction of nuclear reactors in Australia.

Upload your supporting document (up to 5MB) relating to security, innovation and energy productivity:

No file was uploaded

5. Other comments or additional information

Do you have other comments or additional information?

Additional comments or information:

Upload your additional supporting document (up to 5MB):

No file was uploaded

Almost done

Are you ready to submit?

Yes:

Yes