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## SUBMISSION

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On behalf of

RED4NE ( Responsible Energy Development For New England inc) A community Alliance

### 1. BACKGROUND

New England has been declared a REZone

Our Community is experiencing the “rollout” of some 14 GW of Renewable Energy Projects which will result in some 2000 Wind Towers and many millions of Solar panels along with new Transmission Lines ,new Substations Battery Storage and Pumped Hydro.

If constructed it will result in massive overdevelopment and Cumulative Impact on Prime Agricultural Land, a delicate Ecosystem and a relatively closely settled rural environment. This has resulted in mental stress on neighbours and division amongst small Rural Communities. This area simply has not got the resources to host such massive overdevelopment The rollout is being carried out by agents of Foreign Developers, signing up Hosts , bound by secrecy agreements.

There was no community consultation in the declaration of the REZ. There has been no real community consultation by the Developers Government Agencies, viz Energy Co and the Department of Planning have been holding forums , Telling the Community what is happening , rather than listening.

This scenario is being played out all along existing Transmission Lines through Victoria, NSW and Queensland There is no social license as evidenced by surveys A map of the proposed Wind and Solar Developments throughout NSW is an overlay of productive agricultural land and higher regional population density.

While ever this following of existing Grids continues we will see ever increasing destruction of biodiversity, conflict with Agriculture and destruction of social fabric.

### 2. NEED FOR BASE-LOAD POWER

It is obvious that without continuation of baseload power, it will be impossible to maintain reliable power supply just to maintain current power requirements .

Add to this the electrification of vehicles and the prohibition of Gas a crisis is looming.

To exacerbate the situation there is intention to add to this requirement for renewable energy by Australia becoming an exporter of energy in the form of Hydrogen!

### 3. NUCLEAR SOLUTION

The only current alternative to coal or gas to supply base load power is Nuclear Energy

Australia has

1. abundant Uranium

2. Australia has signed up for Nuclear Submarines , each powered by Small Nuclear Reactors so has tacitly agreed to Nuclear Energy Why can't these SNRs be installed on current Gas and Coal fired facilities.

This would save the above ecological agricultural and social disaster.

Alternatively, to avoid local objection to siting of SNRs at current coal fired power station sites, new transmission Lines could be built to Central Australian Arid areas where SNRs could be built along with Wind and Solar plants.

THIS WOULD GIVE AUSTRALIA GUARANTEED RELIABLE POWER without compromising Agriculture , Environment Lifestyle and Landfill/ Waste at end of life of Renewable infrastructure.

#### 4.INTERNATIONAL PRECEDENT

The United States, France, China, Japan, Russia, South Korea, Canada, UK, and Spain have domestic nuclear capability 5. COST We hear that Nuclear Power is too expensive. This cost modelling is based on old large nuclear reactors. The cost can't be prohibitive as nuclear submarines are affordable? We need to see costing of modern Small Nuclear Reactors

#### 6 NUCLEAR FISSION

Current science would suggest that this could be the future, therefore should not be precluded by current legislation.

Long term Vision is required

Yours Sincerely  
Dr John Peatfield  
Deputy Chairman RED4NE  
