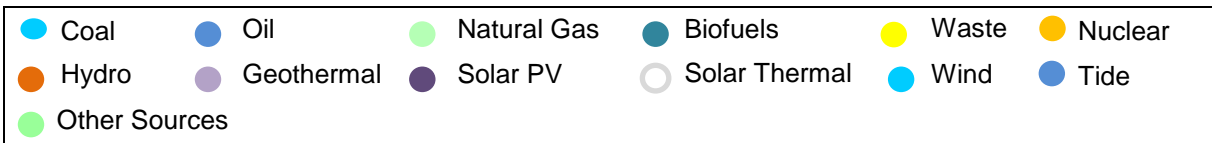
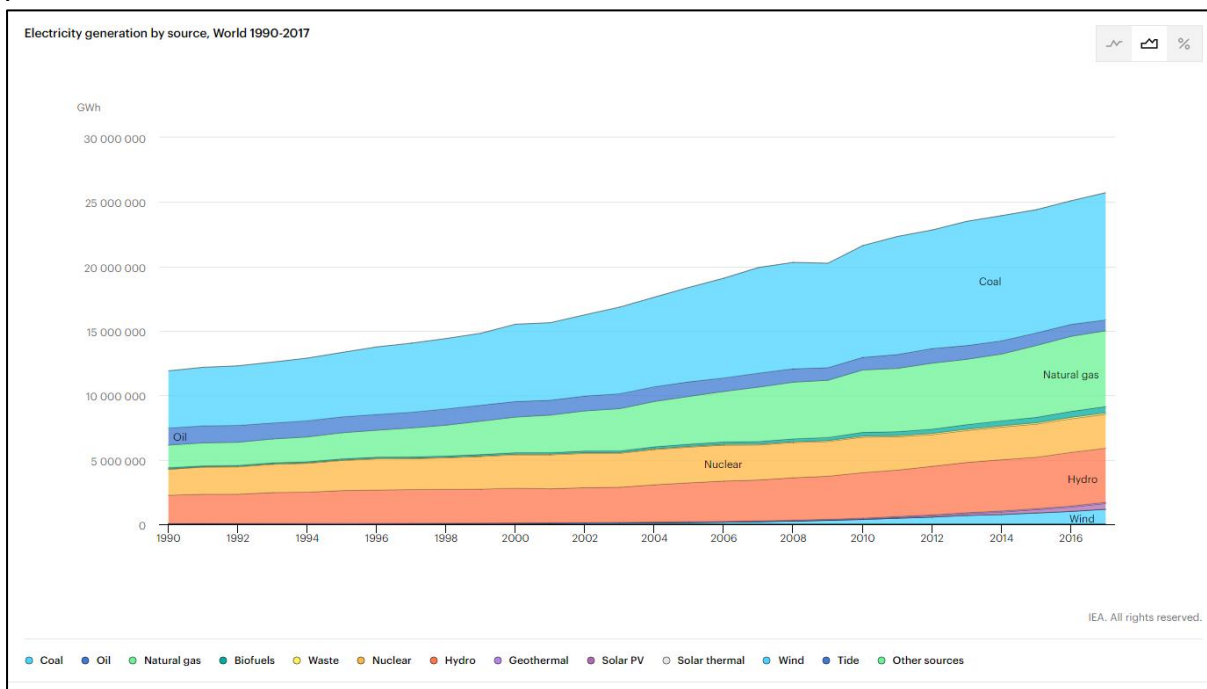


NCIG MP06_0009-Mod-3

I hereby lodge my submission to support the Modification No.3 of NCIG’s major project approval.

Many people believe that the global need and use of coal is declining and will be non-existent in the foreseeable future. Such a belief is incorrect.

The International Energy Agency, of which Australia is a member, is the world’s leading organisation on energy generation and consumption. It recently produced this graph which does not support the claim that coal is declining. The graph shows that over the past 30 years coal has been the dominant source of the world’s electrical generation – and continues to be so. In 1990 and as of now, coal accounts for the generation of 40% of the world’s electricity. The graph doesn’t suggest that the use & investment in coal is declining.



The graph also reveals the very slow growth in the percentage of wind and solar generation. It has taken 20 years of concerted effort from Europe, USA, China, Australia, Canada and India to achieve this 7% of global generation. And it is not as though the necessary finances haven’t been made available. In the last 20 years, over \$AUD12,000 billion has been spent worldwide on wind & solar farms.

As coal will remain the global dominant source of electricity for the foreseeable future it is most appropriate that the Hunter Valley coal is made available to meet this going demand. Hunter Valley coal is about the best in the world as it is a very high energy value and a low percentage of impurities. It is far more environmentally conducive to burn Hunter Valley coal than coal from most other regions of the world.

NCIG's application to increase its export capacity would be based, in part, by the knowledge that at least 1892 new coal fired power stations are currently under construction around the world. Below is a summary of their location and the number:-

- European Union - 27 power stations;
- Turkey - 93 power stations;
- South Africa - 24 power stations;
- India - 446 power stations;
- Philippines - 60 power stations;
- South Korea - 46 power stations;
- Japan - 45 power stations and;
- China - 1171 power stations.

The majority of the power stations are being built in China and India. It must be noted that these two countries are exempt from the Paris Agreement. This is due to the fact that they collectively have about 900 million people who do not have access to electricity.

As the global demand for coal is increasing & not declining it is most appropriate that Hunter Valley is used as it is the best in the world.

I support NCIG's Modification No 3.

Robert Monteath
Registered Surveyor
Registered Planner