

# Australia's challenge is like India's challenge. It is 24/7 electricity for all

•2/2/2017

Recent government policy changes in regard to electricity generation and supply in Australia have suddenly induced a situation similar to that which has for many years existed in India, due to a historic lack of power generation creation.

India is now taking steps to correct the faulty situation in their country and Australia would be well advised to follow India's enlightened lead.

India will increase coal imports from Australia in the future as Australia is seen as a reliable supplier. Quite independently from that, if the Adani mine in Queensland goes ahead it is an integrated project and will be its own main customer, so India's efforts to increase its coal production will not reduce the viability of the Adani project.

India is committed to caring for the environment but it is also committed to economic development and improvement of living conditions for its whole population. That means a huge increase in coal-fired power stations as well as coal's role in making steel. As coal is the most economic and available power source for India.

The Indian government wants a 24/7 reliable energy for all its people. Solar and Wind-Turbines, so-called 'renewable' sources will not provide this and India knows that. Some 300 million Indians will move from rural to urban living in the next couple of decades. They will be on then proper power grids. India's base-load power will be provided by coal not by solar, wind or costly batteries.

India will expand its renewable energy sector in a modest way but, as the minister says, 'renewables' have never provided base-load power for anyone. Here he is absolutely right unlike many deluded Australian politicians who mistake propaganda for science.

India also will expand nuclear power and keep its gas power stations at roughly their current level. Nuclear Power is of course, exactly, the power source that Australia

should chose also, but again Australian politicians mistake propoganda and fear-mongering for science on the subject.

The massive urbanisation in India means a surging demand for steel. The India government knows that coking coal exports from Australia will increase particularly strongly. Thermal coal goes to power stations, while coking coal makes steel. Already nearly a third of India's coal imports are of coking coal.

India's intentions could not be more clear. Every Greens spokesman and climate-change jihadist who argues on the ABC that India is turning away from coal is distorting and actually inverting reality. Far from coal being a “dying industry”, as Geoff Cousins argued in a recent ludicrous article, the International Energy Agency forecasts Indian coal imports more than doubling by 2040. Doubling is not reducing.

India does want to crank up India's domestic production of coal but its coastal power stations are geared to take imported coal and that will continue. The imported coal is of a higher quality than Indian coal and pollution is reduced.

Now, if you ever again hear anyone on the ABC claim that India is moving away from coal, or that Australian coal is not essential to get hundreds of millions of Indians out of poverty, you will know they are talking pure nonsense. Again it is important to separate propoganda and distortion from real science and fact.

No one more consistently misrepresents what is happening all over Asia and the World than the Green lobby, whose future is invested in Alarmism and exaggeration. The general ignorance of Asia and the World, among journalists allows these claims to be aired uncritically, especially on the ABC.

In India, the first challenge of the Indian government is to make sure that all Indians get 24/7 reliable power. India will expand the total energy output significantly in future years with nuclear and coal as these are its best options..

India always has been are a very environmentally conscious and Eco-friendly country thanks to the tenets of its Hindu religion. They have been for so for generations. India is one country that has respected and even worshipped Nature. India will give renewed thrust to its small renewable energy programme within rational bounds of technical reality. India is scaling it up massively, from 34 gigawatts to 175GW over the next six years. It is, in fact, the world's largest renewable energy roll out in the history of mankind. However it is kept within the bounds of practicality which is not base-load

power. This is the sort of approach which Green propagandists misuse to pretend that 'renewables' will replace coal in India. Nothing could be less true.

Gas power, will remain roughly where it is in the proportion of power source. But India will be expanding the coal-based thermal power. That is the base-load power which makes possible all modern grid systems. All 'renewables' except Hydro are intermittent. 'Renewables' have not provided base-load power for anyone in the world.

Solar Power works when the sun is shining, Wind works when the wind is blowing, hydro works when there is enough water in the rivers. For the grid to work, it needs coal. India will expand its nuclear power but this is a slow process and although nuclear will increase in absolute terms and as a percentage of India's power overall, the expansion of coal is an irreducible part in development.

India does have certain development imperatives which it expects the world to accept. All Indian investment in coal is either for supercritical power stations or ultra-super critical power stations. These produce about half the greenhouse emissions per unit of power as do older coal-fired power stations, in case one is interested in the production of the plant food and life-giving gas CO<sub>2</sub>.

India refuses to accept lectures from the West on India's environmental or social responsibilities. India is dealing with its own immediate problems which are remarkably similar to Australia's own recently self-induced problems. The people of India want a modern and safe way of life. They want jobs for their children, schools and colleges, hospitals with uninterrupted power. This needs a very large amount of base-load power and this can only come from coal.

People should reflect on the justice of the situation. Europe, America and Australia have messed up the world and the planet with the catastrophic and false 'science' or shibboleth of Global Warming which is not occurring outside of falsified data, invented data and adjusted data. The World is saying to India (and Australia), "We're sorry but you poor people can only have power for eight hours a day. The rest of the time you must live in darkness and poverty. This is ridiculous and criminal

India is fortunate that some countries like Australia and Canada have entered into serious agreements and India can rely on an uninterrupted flow of coal and fuel.

India is the fastest growing substantial World economy, with a growth rate above 7 per cent in a period of anaemic global economy. This growth will be central to global economics. India will hit double-digit growth next year or the year after and stay there

for a decade thanks to reliable power. By contrast Australia faces declining growth due to self-induced unreliable power. The development, and the economic opportunity this offers for Australia, is enormous, beyond anything that has yet entered the Australian imagination. A similar change of mind in Australia would save the Australian economy and way of life. In the next couple of decades, there will be 300 million people moving from rural to urban centres in India. As India improves productivity in agriculture, the population will shift to manufacturing and services. Energy consumption will go up in agriculture itself with greater use of technology. There will be increased energy use in infrastructure. The government wants decent homes for every Indian by 2022; that means millions of homes will be built. Indian government officials point out that India's per capita energy consumption is still below that of the US in the middle of the 19th century and says that it will increase for decades.

India will not commit to a year when its greenhouse emissions will peak. This is "immaterial", on scientifically rational grounds. On China's commitment to such a year, Indian scepticism is very robust. India has seen the reliability of that data. It is important to judge what is optical and what is real.

India is pro-Australian and wants the warmest relationship, but is utterly unimpressed with lectures from Australians about global warming. Australia's power consumption is coming down now anyway. South Australia is leading the way in Climate Insanity, ridding its economy of industry and jobs and reducing the State to a semi-rural wasteland. Victoria will soon be following under its present deluded administration. Its economy is not growing, manufacturing is moving overseas, the Southern Australian economy is moving to services because industry is being strangled by the highest power costs in the World. Australia used to have jobs for everyone and a society satiated with energy. It was easy fatal for Australia to nominate a peak energy use year, in accordance with CAGW delusion. There are 250 million Indians without energy now. With wise policy, India has years and decades of sustainable growth ahead."

India has seen the Light and it would be wise for Australians to listen.