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DG Submission

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1. The proposed multi-rate FiT does not allow or encourage payments to distributed generators to better reflect the market value of their exports any better.

The proposition of multi-rate tariff uses the identical model of logic and reasoning such as pre-set average prices at pre-set large blocks of time, all that the proposal is proposing is changing the pre-set rates and pre-set blocks of time.

Pre-set averages of value cannot reflect the real market value for distributed generators.

If this is about a multi-rate FiT that better reflects the market value of distributed generator exports then you need to improve the technology which is the way of thinking that arrived at the proposal.

A better reflection of market value is best obtained by reflection of real time value of electricity on the market; simply, this is the only possible way to achieve a reflection of market value. Chiefly this involves market accurate blocks of time and market accurate value; it would not involve pre-set averages of value because reflections are best when they are clear and accurate.

I do like the critical peak tariff idea; I would like the idea to be carried further so to be able to have three or more different critical peak tariffs and rates, this would be better reflective of the value of distributed generation and the high volatility of the market during critical peaks.

2. I do not support this proposal because it fails to accommodate battery storage technology; battery storage will change the real value of the electricity market. Proposals should reflect the real time value of the market as this will allow grid interactive battery storage generation systems to function in their most beneficial way and this and this will be more advantageous.

Proposals should reflect more social and environmental value of renewable power because I think it is undervalued in your proposal.

3. I appreciate the difficulty in allocating dollar values to CO2 reductions and abating climate change, it might just be the feather that doesn't break the camel's back or prevents catastrophic sea level rise. Any step in the right direction is valuable and first steps ought to be the most valuable. "Green" power generation is the first industry and mainstream public movement that addresses the carbon problem and creates considerable carbon reduction, battery systems and electric cars are most likely to follow and to an extent, the public's strong support for green technologies proven with solar is likely to have helped and continue to help these developing industries. Solar not only proved the economic viability of a high technology green industry, it began the snowballing of green industry.

This industry will snowball in to batteries and then electric cars and then so on. This has a huge value, hard to measure, harder to equate to money, but it is huge.

I appreciate the difficulty in writing some kind of provable or rational equation to equate a value of dollars to social and environmental benefit of solar power systems yet I do think that the benefits and values are understated and undervalued.

4.

The implications for electricity retailers and distributors of moving to the proposed DGT framework will amount to electricity retailers and distributors wanting to raise prices. I guess they will also feel comfortable. I know electricity retailers and distributors are worried about if or how they will exist in the future.

I have no idea what are the cost implications of implementing the proposed DGT framework. I guess the retailers and distributors will claim it will increase their cost and they will justify that they need to charge more money, retailers and distributors love to charge more money.

These costs could be reduced by telling retailers and distributors that there is only initial costs of restructuring and after this there is no increase in costs, I don't see how changing tariffs increases costs.

5. Batteries will have a huge impact, people want them.

Based on a national opinion poll of 1,412 people undertaken between February and March 2016, the study also found 63% of respondents would be more likely to support a party that aims to transition to 100% renewable energy by 2030 and that 45% would be more likely to support a party that attempts to accelerate the uptake of electric vehicles.

Source : http://www.theguardian.com/sustainable-business/2016/may/31/most-voters-support-transition-to-100-renewable-energy-says-australia-institute?CMP=share_btn_fb

<http://www.tai.org.au/sites/default/files/P234%20renewables%20and%20battery%20storage%20FI%20NAL.pdf>

Batteries will change everything, battery owners will want more critical load tariffs.

Wide battery adoption will lower electricity prices by lessening critical peak demands, lessening if or when new power stations would need to be built and lessening how often and how long peak generation plants like our gas and diesel generators would need to be running.

Thanks for the opportunity to submit ideas and opinions for this inquiry