

McGuffie, Jonathan (StateGrowth)

From: Philip Stigant <pstigant@me.com>
Sent: Sunday, 8 July 2018 4:43 PM
To: solarfeedinreview (StateGrowth)
Subject: HPRM: Submission to solar feed in tariff review

Dear Sir/Madam please make consideration of the following:

1. Whilst many in Tasmania think of our electricity supply as mostly renewables, being hydro, wind and solar PV, because we have Bass-link we are exposed to the Victorian electricity market and in most cases an increase in power consumption will therefore result in burning of more (brown) coal in Victoria. This makes use of an electric car here no better with respect to greenhouse gases than the use of an internal combustion engine car (unless the user is charging from their own solar PV). This would not have to be the case if electricity could be marketed as fossil fuel free. Such electricity would attract a premium. This would allow a greater feed in tariff to be paid.
2. If the daily tariff is set at a rate that covers the cost of maintaining the network (as would appear to be the case), then Aurora can afford to pay a FIT equivalent to the current lowest domestic tariff and still be better off. Currently this is 13.016c/kWhr (on tariff 62).
3. This will still be possible as solar PV output increases unless and until there are some times during the day when the total of solar PV and wind inputs to the grid exceed demand.
4. When the above condition occurs it will be necessary to use time of use and time of supply tariffs and FITs. This will create incentive for consumers to purchase batteries.
5. Because Tasmania has considerably more domestic demand in winter and also considerably more solar PV potential supply in summer it would not be viable for many consumers to go off grid.
6. Energy storage may be at the household level on a daily basis but Hydro storage would be used seasonally, albeit with some surplus capacity which would be available for export.
7. In one way or another there will again be a price on CO2 emissions and when that occurs we will earn a premium on our electricity exports.
8. This opportunity will be maximised by starting now and paying a higher FIT of 13c/kWhr, thus creating incentive for householders to invest in solar PV.

Yours faithfully,

Phil Stigant
21 William St,
West Hobart,
Tasmania 7000
0458 544 647