

## Submission regarding the calculation of the feed in rate for private household solar systems

All around my property in North Melbourne (inner Melbourne city) are houses – a few have PV panels, most do not. Regardless of who does or does not have panels, all the energy retailers charge reasonable rates for power during the day, and usually much more during the peak hours 3pm to 9pm. I HAVE NOT FOUND A SINGLE RETAILER CHARGING A FEW CENTS PER KWH BETWEEN 8AM and 3PM. As this is factual, obviously energy is worth much more than the 0.04c proposed during this time.

If it were true that energy is so abundant during daylight hours and negative prices were so rampant to degrade the value of my excess power to 0.04c/kWh, then obviously in a competing market some retailers would be charging a few cents for power supplied to homes during these times. What your calculations prove beyond doubt to me (and others) is the ongoing rort that has developed in the energy providers rates and your acceptance of their proposals.

As a retired engineer I can positively and accurately inform you that any excess power that I generate can only be injected into the grid at a fractionally higher voltage than exists at my property, and that any energy so injected has to be used by the closest user. Electricity does not travel to some magical site to then be returned to some other user. So whilst you might think your current calculations bear some reality to energy utilisation – they do not. I inject energy at your calculated 0.04c/kWh and this is immediately sold to my neighbour for perhaps 18c/kWh (or something similar or more).

The more you listen to the suppliers, and the more you use your outdated and non-accurate formulae to determine the FIT, the more profit you supply to the retailers and continue to support the rorting and bleeding of the end user.

I would not complain if the average rate per kWh to end users in my area was reduced to a couple of cents per kWh, thus spreading the benefit of PV systems. But this would only be the case if suppliers were truly competitive.