

The below submission has been lodged and confirmed on the AEMC Web site.

Submission Type: Rule Change

Reference: Access, pricing and incentive arrangements for distributed energy resources

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Comments: Re- charging roof top solar exporters a fee for exporting power.

Are the power distributors not already getting sufficient money generated from paying under 7 cents a unit for zero emission power then on selling that power to the next house in the street for market rate.

Why are you looking at removing any incentive to install renewable generation, if people get zero payback on investment then they are not going to do that investment.

Installing house hold batteries is simply not feasible at current as the battery systems simply do not last long enough to pay off the install cost before they require replacement.

Why are you not looking at installing battery units at each substation to soak up excess generation during peak sun/ low demand periods and to provide your missing spinning reserve when you have to throttle down the coal / gas fired plants and there is a demand spike.

No one is going to wear the cost of installing small household battery units to store power then feed it back into the grid at 7c per unit or less when you need it.

Can you not remember the rolling blackouts that used to occur every hot afternoon as demand outstripped supply, (or is the 80's too far back for you) back then the energy companies sitting in their airconditioned tower blocks used to use radio broadcasts to try and shame us into not turning on home air-conditioning. Rooftop solar has pushed peak demand time to after sun down now.

The issue is not with the roof top solar being installed, the problem is the energy companies attempting to continue business as usual and not change with the emerging technologies.

Each 2 month period i export 800kwh of energy into the grid and earn a grand total of \$56 dollars for that, this exported energy is then used along the street and synergy rakes in \$192 or a net profit of \$136 or \$68 per month per rooftop solar unit installed in the city, this energy also costs them nothing, I do not accept they have transmission costs as we already pay that ridiculous daily fee they keep bumping up to almost \$1 a day and there is no difference to the power system for power going net into a house or out of a house.

As i said, individual house hold batteries simply do not have the payback, however if you are getting roughly 13kwh of energy from every house with solar feeding back to the substation, capturing all that energy with a decent sized battery will make it beneficial cost wise and have the added benefit of creating stability in the system by supplying energy when solar infeed fluctuates and even supplying the entire suburb if there is a shortage in generation capacity, at least long enough to get more generation on line.

These energy supply companies really need to be looked at a lot harder, the house hold daily fee, the feed back tariff for energy that they have contributed zero to get yet sell at market rates.

Steve Wright