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E-01933A-15-0100

**Debra Scordat**

**From:** WBBull <Bill@ActiveTectonics.com>  
**Sent:** Saturday, April 25, 2015 1:21 PM  
**To:** Forese-Web  
**Subject:** Revision of Net Metering Rules

**ORIGINAL**

Ignoring obvious danger, a speeding car careens off the Highway. A passengers last words were "why didn't we take action sooner". Climate change is like the speeding car.

The Arizona Corporation Commission can take action now by acknowledging that we all contribute to atmospheric global warming, which being slow and invisible is easy to ignore. Please do not postpone until we are 'off the Highway'.

Arizona's action should be to promote residential solar power, and to improve the grid infrastructure to receive excess generated power.

Tucson Electric Power uses Docket Number E-01933A-15-0100 to diminish generation of residential solar electricity. Solar companies are key to our better future. The Arizona Corporation Commission should seek ways to favor them.

Speaking for my great-grandchildren — please raise my taxes to modernize the electricity grid and promote greater use of domestic solar-power generation. It is much cheaper to take action now, than to pay the costs of inaction later.

William B. Bull  
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Emeritus Professor  
University of Arizona  
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*WBBull*

Arizona Corporation Commission

**DOCKETED**

**MAY 04 2015**

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AZ CORP COMMISSION  
DOCKET CONTROL

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**RECEIVED**

Debra Scordato

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From: James Hilbert <jimhilbert@gmail.com>  
Sent: Friday, April 24, 2015 11:30 AM  
To: Forese-Web  
Subject: Net metering

E-01933A-15-0100

Mr. Forese,

I would like to voice my disapproval of the proposed net metering changes as proposed by TEP.

I believe that the cost of building and maintaining the grid should be paid equally by all customers. Setting a minimum cost for connection makes sense. With a graduated scale when higher power requirements are needed for a specific site (example a supermarket).

Changing the net metering rules will adversely impact the future use of solar TEPs goals of achieving a greater percentage of renewable energy.

Most small solar systems attempt to produce only what the household uses, but many medium size systems (churches etc) often produce more then the customer uses and this will adversely impact their financial models.

So again may I suggest that you do not approve the TEP net metering changes.

Thank you

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----- Ride On

Jim Hilbert  
Oro Valley

## Debra Scordato

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**From:** Stephen Albert <stevealbert@outlook.com>  
**Sent:** Tuesday, April 28, 2015 9:20 AM  
**To:** Forese-Web  
**Subject:** TEPs Proposed Net Metering Rate Change

April 28, 2015

RE: Docket No. E-01933A-15-0100

Dear Mr. Forese,

I'm writing you to express my concern about TEPs proposed changes to net metering. I am a homeowner seriously considering having a local company, NetZero, install a solar system for my wife and my home in Tucson. I am a believer in solar as I have install a solar system on my sailboat and lived with it for 7 years of cruising. NetZero alerted me to TEPs requested change to net metering for homeowners so I went to their web-site to see what they had to say. Below are their comments stating their reasoning. I take issue with much of what they have written and have inserted my comments in italics.

"Tucson Electric Power has proposed a new net metering plan to ensure that customers who install new rooftop solar power systems pay a more equitable price for their electric service while still enjoying significant bill savings.

Users of rooftop solar power systems rely just as heavily on TEP's electrical system as other customers — more heavily, even, since TEP must manage their systems' intermittent output. *Not necessarily true as new customers with solar; 1) will not burden the grid at the same rate as new construction without solar. 2) since home solar supplies electricity during the day, when demand is higher, this lessen the overall peak demands on the grid.* But they pay far less for TEP service under current rates, due in part to net metering rules that allow them to exchange excess solar energy for free on-demand utility power, *Not true as the homeowner has also made an investment in electrical delivery that benefits TEP, other customers and the society in general! The homeowner who installs a solar system can expect to recapture their initial investment only after 7-10 years, and this will be longer with TEPs proposed net metering rate reduction.*

TEP is proposing instead to purchase excess solar output from new rooftop systems at the same price it pays for energy from large local solar arrays. *Large solar arrays have a benefit of scale not available to homeowners yet large arrays still burden the grid due to distribution distances. To use the cost of solar from a large array to determine fair rates for a homeowner is an apples and oranges comparison.* The resulting bill credits would allow customers to reduce their electric bills by going solar, even as they pay the same price as other customers for energy provided by TEP. *For homeowners to seriously consider solar they are taking on a financial risk, the initial investment along with potential under performance of their solar system as it ages, possibly higher home insurance, the company they purchased the system from going out of business and now, with TEPs request, the unknown and likelihood of a much longer recapture of their investment. This may well deter many homeowners from going solar.*

The new net metering plan, which would apply only to newly installed systems, will allow the continued expansion of southern Arizona's solar energy resources while preserving safe, reliable and affordable electric service at more equitable prices for all TEP customers.

*The current evidence is overwhelming in favor of reducing fossil fuels and replacing it with environmentally friendly (renewable) energy sources. Solar has enjoyed robust growth under the current rate plan and should continue to do so, but only if it makes economic sense to the homeowner! Solar installations provide local jobs, makes a positive statement about the community, increases property value, and gives the individual a chance to make a difference in reducing our dependence on fossil fuels. Don't underestimate this last item and don't make a change to solar's current economic model."*

In addition Chad at NetZero has provided me the information below for my consideration.

1. It would appear in TEP's recent net metering proposal that solar customers, as a rate class, are being singled out unfairly. This could be construed as single issue ratemaking, and unconstitutional in Arizona. If this issue is to be fairly resolved, the merits of the utilities assumptions of a cost shift must be heard in a rate case where it can be weighed alongside all other cost shifts inherent in the utility (SSVEC) business model. Only then can evidence and testimony from both sides be presented and discussed in the context of ratemaking, and not a unilateral attack on one rate class.
2. The "grandfather date" (June 1st) presented by TEP will put a freeze on the solar (free) market and has already hurt AZ solar installers. I would ask that this "grandfather date" be lifted from the proposal and that solar installations can continue under the current net metering rules, as there has been no decision one way or the other on the issue. Lengthy court proceedings only stand to exacerbate the problem moving forward. It is imperative, as a person who owns a solar electric system that the solar contractor that installed my system stay in business to service any maintenance or warranty issues that may come up. This proposal is making that seem very unlikely as it will stop all new installations until a decision has been made (which may not occur until December).

I hope that you will consider the above when making a decision on TEPs net meter rate change request.

Best Regards,

Stephen Albert

6651 N. Paseo de los Alto, Tucson AZ 85704 541 761-6281

**Debra Scordato**

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**From:** Cathy Della Penta <c.della@cox.net>  
**Sent:** Tuesday, April 28, 2015 7:55 PM  
**To:** Forese-Web  
**Subject:** Docket #15-0100 Solar Tariff

Dear Commissioner Forese,

Ladies, Gentlemen and Commissioners:

It does not make sense for each utility to separately request to levy charges on solar customers. This is outside of established procedures. Why should utilities get special treatment in this manner?

All of the Commissioners, as well as APS, have stated that the proper venue to discuss the solar rates should be done in a rate case, and that would involve all 4 utilities being considered at one time. The rate case is a far more efficient use of your time. Please stand by your word.

I thank you for your time and consideration in this matter.

Sincerely,

Cathy Della Penta