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Memorandum
From the office of
Chairman Doug Little
Arizona Corporation Commission
1200 W. WASHINGTON
PHOENIX, ARIZONA
(602) 542-0745

TO: Docket Control

DATE: August 31, 2016

FROM: Chairman Doug Little's Office

SUBJECT: TEP E-01933A-15-0322
TEP E-01933A-15-0239

Chairman Little's office received 4 emails referencing, and in opposition to, the above docket numbers. The emails can be viewed in Docket or on the Commission website via the eDocket link.

Arizona Corporation Commission
DOCKETED
AUG 31 2016

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AZ CORP COMMISSION
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2016 AUG 31 P 12: 03

Andrea Gaston

From: Dianne Badik <onbreak211@yahoo.com>
Sent: Tuesday, August 30, 2016 3:58 PM
To: Little-Web; RBurns-Web; Stump-Web; Forese-Web; Tobin-Web
Subject: DocketE- ~~01933A-15-0322~~, E-01933A-15-0322
E-01933A-15-0239

I am a very concerned Electric customer and would like to share these concerns with you.

- 1) I have recently installed Solar on my roof, it has totally changed my approach to electric use. I have become very conservative now that I am empower with knowledge of my hour by hour usage (thanks to solar)
- 2) This plan discourages energy efficiency and hurts low income customers.
- 3) Solar should made easier to obtain and use. Charging solar customers rates based on the highest usage in one hour each is ridiculous complicated, difficult to manage and absolutely unfair! Making it retroactive is beyond greedy.
- 4) Making changes to net metering is the same as breaking a contract with the customers - Unlawful!
- 5) Solar is a very important part of our future and should be available to everyone. It is also key to new jobs and adding to the local economy.
- 6) With the new battery technology and stand by generators available I am seriously thinking of getting "off the grid".

Please dismiss these ill-conceived proposals.

Sincerely,
Dianne Badik

Andrea Gaston

From: Denny Graham <denny_graham@msn.com>
Sent: Monday, August 29, 2016 4:00 PM
To: Little-Web; RBurns-Web; Stump-Web; Forese-Web; Tobin-Web
Subject: Support Solar Energy **E-01933A-15-0322**
E-01933A-15-0239

Dear Commissioners Doug Little, Bob Burns, Bob Stump, Tom Forese, and Andy Tobin

Getting right down to IT, I'm opposed to any policy or regulation that disincentives the use of solar or wind power to produce electricity for Arizonians.

I have solar panels installed on my house, and I'm very pleased with the result. During the spring and fall, my electric bill is less than \$20 per month. However, I didn't have the panels installed for the purpose of reducing my electric bill, I had them installed primarily because it's good for the environment. At this time, one of the primary goals of the ACC, and related agencies, should be to eliminate the production of electricity by fossil fuels during the peak hours for solar energy production. Idealistically there shouldn't be a commercial building with a flat roof or a parking lot in Tucson that isn't shaded by a solar panel installation, except perhaps where crops are being produced hydroponically.

Net Metering appears to be a big issue with TEP. Why shouldn't TEP pay the same price for electricity that it's charging me and other customers? The excess power that I produce isn't an inferior form of electricity, nor is it going to some distant power plant, it's going next door to my neighbors. But that's not really the point. The major problem that we face, in AZ, in the USA and in world, is not the cost of electricity, but rather the eventual cost of climate change! Not only will the solar produced electricity reduce the production of CO2 and associated pollution at the power plants, it will also reduce the pollution cause by gasoline and diesel fueled vehicles as we switch to electric powered vehicles, with batteries recharged by solar produced electricity.

Bottom line: the regulations and policies of ACC should act to promote solar and wind generated power, and the justification should be the environment!

Denny Graham

4026 E Bellevue St.

Tucson, AZ 85712

denny_graham@msn.com

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Andrea Gaston

From: Lori Fantry <lfantry@medicine.umaryland.edu>
Sent: Tuesday, August 30, 2016 10:03 AM
To: Forese-Web; Little-Web; RBurns-Web; Stump-Web; Tobin-Web
Subject: Dear Commissioners:

E-01933A-15-0322
E-01933A-15-0239

Dear Commissioners:

I ask you not to support the docket E-01933A-15-0322, TEP's proposal regarding solar energy. The sun is a major resource for energy that Tucson should take advantage and TEP's proposal will severely limit the Tucson communities ability to utilize this resource. The increase in monthly fixed charges, severe cuts to net metering, and demand charges for new solar customers will make solar power economically undesirable or impossible for many people in the Tucson community. Coming from a state with lots of clouds and rain (Maryland), I cannot believe that the sunny city of Tucson would limit consumers choice to use solar power so that the consumer does not suffer financial hardship. TEP is trying to monopolize a resource own by all.

Thank you for your attention to this matter.

Lori Fantry, MD, MPH

Associate Professor of Medicine
Division of Infectious Diseases
University of Arizona
Banner University Medical Center
1501 N. Campbell Ave.
P.O. Box 245039
Tucson, AZ 85724
Tel: (520) 626-7897
Fax: (520) 626-5183

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Andrea Gaston

From: John Mitchell <jwmitche@wisc.edu>
Sent: Monday, August 29, 2016 6:40 PM
To: Little-Web
Subject: Subject Proposed TEP rate proposal ~~E-01461-15-0363~~

E-01933A-15-0239
E-01933A-15-0322

Dear Chairman Little:

I am writing to encourage the ACC to reject the proposed TEP rate proposal. Several of the proposed rate changes would be arbitrarily imposed on residential customers and would create economic hardships. The rate proposal isn't supported by an analysis justifying the measures.

The imposition of demand charges for customers with residential PV systems would be unfair unless the utility provided tools and advice. Although demand charges are standard for large commercial and industrial customers, utilities usually work cooperatively with customers on load management techniques to minimized demand. This aspect is missing from the rate proposal.

Currently, TEP does not appear to offer any advice to residential customers on managing their electrical demand. Many utilities in the US provide meters to allow customers to measure and alter their instantaneous demand and controls to minimize simultaneous electrical use of, for example, electric water heaters and clothes dryers. Such techniques should be required and available before the TEP rate proposal is approved. Otherwise the demand charge will unfairly penalize customers with PV systems.

The proposed rate structure proposes a change from net metering to a buyback level of 5.8 cents/kWh. This is arbitrary figure and based on an apparent community-produced power. The MIT report that is referenced on the TEP web site states "more research is needed to design pricing systems that more effectively allocate network costs (pg xviii)." Until such research is performed, it is premature to approve the TEP rate proposal.

The net effect of the proposed rate structure is to discourage the installation of residential solar systems. This is not in the best interests of the state of Arizona. A major benefit of residential solar systems is that each kWh of electricity produced displaces one gallon the water used in a power plant cooling tower. This is significant in conserving a critical Arizona resource. Further a rooftop solar system has a positive effect on air quality in that

it reduces the carbon-dioxide and other emissions produced by the coal-fired power plants. Neither of these aspects are considered in the proposed buy-back price.

Arizona utilities have the ability to be “good citizens” and take the lead to encourage the further development of our abundant solar resource in a responsible and environmentally sound manner. The proposal to eliminate net-metering, implement demand charges, and increase meter charges are steps in the wrong direction. The utilities would benefit at the expense of the residents and local businesses in our state. I encourage the Commission reject the TEP proposal and to become a leader in developing a sustainable energy future for Arizona.

John Mitchell

4260 N Vereda Rosada

Tucson, AZ 85750