

## Public Comments on Docket No. 14-035-114 in opposition to proposed rate change

1 message

Cress Bohnn (cbohnn@earthlink.net) Sent You a Personal Message Fri, Jul 7, 2017 at <automail@knowwho.com> 7:39 PM To: psc@utah.gov

Dear UT PSC,

Dear Utah Public Service Commission Chair LeVar, Commissioners Clark and White,

I strongly urge you to deny Rocky Mountain Power's request to impose punitive rates that would unfairly penalize Utah's rooftop solar customers.

Rooftop solar benefits all customers by reducing the need to build new polluting power plants, saving all customers money. Rooftop solar also protects our air and water by using clean, free sunshine as opposed to dirty fossil fuels. These benefits far outweigh the cost shifts alleged by Rocky Mountain Power, which at most amount to only a penny or two per month for average non-solar customers.

Utah should learn from neighboring states that have been down this road before. States where utilities succeeded in implementing similarly discriminatory rate designs like the one proposed by Rocky Mountain Power have suffered a near complete loss of rooftop solar development. This loss has meant less economic growth and fewer choices for customers. Rocky Mountain Power's plan to kill rooftop solar is the wrong path for Utah, a bad deal for customers, and hobbles Utah's vibrant solar industry.

Please reject Rocky Mountain Power's punitive rates for rooftop solar customers in favor of a rate structure that recognizes the enormous benefits that rooftop solar provides to all customers. Don't let Rocky Mountain Power's monopoly take away our rooftop solar!

cc: Cindy Crane, President and CEO, Rocky Mountain Power

Sincerely,

Cress Bohnn 1961 Paddington Dr Park City, UT 84060 cbohnn@earthlink.net (435) 901-2028



#### Docket 14-035-114: Rooftop Solar PSC Docket

1 message

Heather Shelton <thbshelton@msn.com> Reply-To: thbshelton@msn.com To: psc@utah.gov Fri, Jul 7, 2017 at 8:49 PM

On November 9, Rocky Mountain Power filed a request before the Public Service Commission to raise rates on rooftop solar customers. I oppose this fee request. I do not believe the utility has proven that these customers burden other ratepayers or the system with significant costs.

There are many problems with the utility's claims, including:

Rocky Mountain Power's Cost of Service study dramatically over estimates the cost of servicing rooftop solar customers while underestimating the benefits solar provides to the grid and other ratepayers.

Almost 60% of the "costs" in Rocky Mountain Powers study are actually lost revenue for the utility, rather than actual engineering and maintenance costs. It is not appropriate that the utility seeks to force solar customers to fill its shareholders' pockets.

Lastly, the utility has failed to fully account many of the grid benefits which rooftop solar provides, such as transmission upgrades, deferred capital costs and avoided environmental compliance costs.

I hope the governor's office and the commission take a hard look at the many detailed and thorough testimonies which the solar industry and clean energy advocates will file in June 8.

Rooftop solar is not a "cost" for the grid, but a valuable resource and should be treated as such. These studies will prove it.

Thank you for your time.

Heather Shelton



## Public Comments on Docket No. 14-035-114 in opposition to proposed rate change

1 message

Ashby Orgill (ashby\_kb@hotmail.com) Sent You a Personal Message <automail@knowwho.com> To: psc@utah.gov Sat, Jul 8, 2017 at 12:57 PM

Dear UT PSC,

Dear Utah Public Service Commission Chair LeVar, Commissioners Clark and White,

I strongly urge you to deny Rocky Mountain Power's request to impose punitive rates that would unfairly penalize Utah's rooftop solar customers.

Rooftop solar benefits all customers by reducing the need to build new polluting power plants, saving all customers money. Rooftop solar also protects our air and water by using clean, free sunshine as opposed to dirty fossil fuels. These benefits far outweigh the cost shifts alleged by Rocky Mountain Power, which at most amount to only a penny or two per month for average non-solar customers.

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cc: Cindy Crane, President and CEO, Rocky Mountain Power

Sincerely,

Ashby Orgill 5348 W 10320 N Highland, UT 84003 ashby\_kb@hotmail.com (801) 888-8888



## Public Comments on Docket No. 14-035-114 in opposition to proposed rate change

1 message

Jean Stephenson (jls1113@aol.com) Sent You a Personal Message Sat, Jul 8, 2017 at <automail@knowwho.com> 4:02 PM To: psc@utah.gov

Dear UT PSC,

Dear Utah Public Service Commission Chair LeVar, Commissioners Clark and White,

I strongly urge you to deny Rocky Mountain Power's request to impose punitive rates that would unfairly penalize Utah's rooftop solar customers.

Rooftop solar benefits all customers by reducing the need to build new polluting power plants, saving all customers money. Rooftop solar also protects our air and water by using clean, free sunshine as opposed to dirty fossil fuels. These benefits far outweigh the cost shifts alleged by Rocky Mountain Power, which at most amount to only a penny or two per month for average non-solar customers.

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cc: Cindy Crane, President and CEO, Rocky Mountain Power

Sincerely,

Jean Stephenson 150 South 300 East #207 Salt Lake City, UT 84111 jls1113@aol.com (801) 521-3055



# Docket No. 14-035-114 RMP Net Metering - Testimony for Aug 9 Hearing

1 message

**Miranda Menzies** <menzies.miranda@gmail.com> To: psc@utah.gov Sat, Jul 8, 2017 at 5:22 PM

Dear Commissioners,

This email is a public comment/testimony for the net metering docket referenced above, with planned date public hearing on August 9, 2017, for which I understand you are currently taking comment.

Please do not approve the net metering charges proposed by Rocky Mountain Power in the above docket.

My husband and I are the owners of a LEED Platinum house in Ogden Valley, which we built in 2010. The electric connection is net metered, and instrumented, so that we can see what the actual consequences of the proposed changes would be. We have recently installed additional solar panels to make the house net zero and have used net metering since the beginning of 2011.

Based on our experience in the last few years, we believe the RMP proposal will have the following effects which will be negative for Utahns:

- Thousands of solar and other renewable energy jobs will disappear (this happened in Hawaii when similar net metering limits occurred).
- The transition to the "new energy economy" will be delayed in Utah which will prevent Utah from being a national and global leader

• It will become no longer cost effective to transition to the use of electric cars – which will mean we are stuck with Utah's bad air problems. Utah will also miss out on the infrastructure investment that will accompany this change. Keep in mind that the auto industry is progressively moving to electric. Volvo has just announced that all their car models will be hybrid or electric in 2019.

State of Utah Mail - Docket No. 14-035-114 RMP Net Metering - Testimony for Aug 9 Hearing

I come to these conclusions based on our experience with a consumption/production demand meter on our solar panel system. Our bills under the RMP proposal for our "net zero" house (for all heating, cooling, hot water, lighting etc) would increase from the current \$8.55 per month (\$100 per year) to \$45 to \$75 per month (\$740 per year) due to the proposed demand charges. If we had an electric car and charged it at home, our bills would become \$1500 per year. (See attached exhibit) We note that these costs are essentially similar to the electric bills currently paid by our neighbors (\$65 to 99 / month average electric bill) - i.e. we would be receiving no benefit from our renewable energy investments.

At the time we built the house, straight pay-back time for the geothermal heating and cooling system investment was approximately 2 years, and for the solar system approximately 12 years. Under the RMP proposal, the payback for our investments would become more than 20 years.

We recognize that this house is the net metering "extreme case", in that we make enough power in the summer to generate credits that we use during the winter. Our peak demand on the building is approximately 4 to 6 KW from the grid for appliances and heating, and 6 KW supply to the grid from the solar panels.

We are also convinced that the peak summer demand from our neighbors' air conditioning systems mean that the power we generate goes nowhere beyond the immediate neighborhood – maybe a maximum of two houses in each direction.

We recognize that this means that having more than maybe 15 percent of the homes with solar panels would ultimately create grid issues as discussed at the Technical Conference presentation by RMP on January 23, 2017. However, we suggest that looking at only the peak demand for residential actually ignores the peak demands for industrial and commercial power – which are during the high generation period of solar systems. Also the RMP model of a solar system on every house is simply not realistic.

There may be localized increasing need for wiring or transformer upgrades. I believe that these are small investments compared to the installation of additional generating plant for RMP. In effect the distributed power generators form a virtual power station, paid for by the investments of customers to the benefit of RMP. That "solar power station" provides good jobs for Utahns in cities and towns throughout the state – both for installation and for maintenance. (Far more so than the "utility solar" stations installed in Southern Utah).

The technical Direct Testimony of Dr Jeremy Fisher of June 8, 2017 supports the conclusion that the fossil fuel units are no more cost effective than solar distributed generation. RMP is simply using a fully depreciated asset, while benefiting from increasing electric efficiency, and the investment of others to avoid capital investment themselves. In addition, they have "cherry picked" the data by ignoring needed air pollution upgrades.

The investment that will be needed from RMP for the future economy is for STORAGE, and for a smart secure robust grid. Consider the advantages of the following possibilities:

- An alternate tariff proposal that moves RMP to decouple the costs of distribution from those of generation. Or
- A proposal where <u>everyone</u> has a demand meter or time-of-day meter; or
- Subsidy of local storage systems coupled with distributed solar, with electronic systems to allow RMP to control energy flow so-called dispatchable storage.

These are tariff changes that move us forward as a state.

The argument put forward by RMP that residential solar power generators are free-riding on the backs of other residential RMP customers is self-serving. As far as I am aware, rates for all residential customers are essentially "supported" by the biggest users.

In conclusion, I understand that RMP is a business and by statute you must work with them to develop a profitable tariff for them. However, I ask you to not allow the proposed additional charges outlined in the above docket, but rather encourage development of a tariff system and grid equipped for the future.

Sincerely yours,

Miranda Menzies,

3807 N Elkridge Trail

Eden, Utah 84310

#### Estimate of Annual Electric Bill under Schedule 5

Assumptions - KW are sampled at 15 minute avg demand and then moving average over 60 mins On-Peak

Schedule 5 based upon \$15 base charge plus \$9.02 /KW On-Peak Max, plus 3.8143 / KWHr

9.02

Demand

No on-site storage device

Credits from power production are net zero on annual basis

Option is to buy an electric car - assume charging is at 7.6 KW (Chargepoint 240 V 32A)

	Baseload	HVAC	Appliance	s Tota	К	W with	Net Power	Base Charge	Demand	Total Bill	with Elec Car	with Elec Car
	KW	KW	KW	KW	С	ar KW		\$	\$ for KW	\$	\$ for KW	\$
Jan	0.7	7	3	3	6.7	14.3	3	15	60.434	75.434	128.986	143.986
Feb	0.7	7	3	3	6.7	14.3	3	15	60.434	75.434	128.986	143.986
March	0.7	7	2	3	5.7	13.3	3	15	51.414	66.414	119.966	134.966
April	0.6	5	2	3	5.6	13.2	2	15	50.512	65.512	119.064	134.064
May	0.6	5		3	3.6	11.2	2	15	32.472	47.472	101.024	116.024
June	0.6	5		3	3.6	11.2	2	15	32.472	47.472	101.024	116.024
July	0.6	5		3	3.6	11.2	2	15	32.472	47.472	101.024	116.024
August	0.6	5		3	3.6	11.2	2	15	32.472	47.472	101.024	116.024
Sept	0.6	5		3	3.6	11.2	2	15	32.472	47.472	101.024	116.024
Oct	0.7	7	2	3	5.7	13.3	3	15	51.414	66.414	119.966	134.966
Nov	0.7	7	3	3	6.7	14.3	3	15	60.434	75.434	128.986	143.986
Dec	0.7	7	3	3	6.7	14.3	3	15	60.434	75.434	128.986	143.986

Total

737.436

1560.06 Diff \$68/month

Total Bill



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1 message

Christina Story (cestory@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: psc@utah.gov Sat, Jul 8, 2017 at 6:24 PM

Dear UT PSC,

Dear Utah Public Service Commission Chair LeVar, Commissioners Clark and White,

I strongly urge you to deny Rocky Mountain Power's request to impose punitive rates that would unfairly penalize Utah's rooftop solar customers.

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cc: Cindy Crane, President and CEO, Rocky Mountain Power

Sincerely,

Christina Story 14183 Council Fire Trl Kamas, UT 84036 cestory@gmail.com (404) 312-4344



### Public Comments on Docket No. 14-035-114 in opposition to proposed rate change

1 message

Shannon Mullins (shannon.mullins@yahoo.com) Sent You a Personal Message <automail@knowwho.com> To: psc@utah.gov Sun, Jul 9, 2017 at 7:58 AM

Dear UT PSC,

Dear Utah Public Service Commission Chair LeVar, Commissioners Clark and White,

I strongly urge you to deny Rocky Mountain Power's request to impose punitive rates that would unfairly penalize Utah's rooftop solar customers.

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cc: Cindy Crane, President and CEO, Rocky Mountain Power

Sincerely,

Shannon Mullins 120 M St Salt Lake City, UT 84103 shannon.mullins@yahoo.com (801) 550-1602



#### Docket 14-035-114: Rooftop Solar PSC Docket

1 message

Matthew Larsen <mattklarsen@gmail.com> Reply-To: mattklarsen@gmail.com To: psc@utah.gov Sun, Jul 9, 2017 at 11:11 AM

On November 9, Rocky Mountain Power filed a request before the Public Service Commission to raise rates on rooftop solar customers. I oppose this fee request. I do not believe the utility has proven that these customers burden other ratepayers or the system with significant costs.

There are many problems with the utility's claims, including:

Rocky Mountain Power's Cost of Service study dramatically over estimates the cost of servicing rooftop solar customers while underestimating the benefits solar provides to the grid and other ratepayers.

Almost 60% of the "costs" in Rocky Mountain Powers study are actually lost revenue for the utility, rather than actual engineering and maintenance costs. It is not appropriate that the utility seeks to force solar customers to fill its shareholders' pockets.

Lastly, the utility has failed to fully account many of the grid benefits which rooftop solar provides, such as transmission upgrades, deferred capital costs and avoided environmental compliance costs.

I hope the governor's office and the commission take a hard look at the many detailed and thorough testimonies which the solar industry and clean energy advocates will file in June 8.

Rooftop solar is not a "cost" for the grid, but a valuable resource and should be treated as such. These studies will prove it.

Thank you for your time.

Matthew Larsen

#### 7/10/2017

348 Tobe Drive Centerville, UT 84014



#### Docket #14-035-114

1 message

**Edward Dienes** <edienes83646@q.com> To: PublicService Commission <psc@utah.gov>

Mon, Jul 10, 2017 at 8:28 AM

The arguments Rocky Mountain Power submits for rate increases concerning Solar Power are, for lack of a better term, preposterous.

The arguments against Rocky Mountains proposal are substantial and on point.

But knowing how public service commissions operate I believe they will grant Rocky Mountain Power some increase of some sort.

What I want to public service commission to consider is doing away with Rocky Mountain Powers monopoly and let the residents of Utah choose their own electric power company. Open the field to competition. That is the only way to assure lower rates for all.



## Public Comments on Docket No. 14-035-114 in opposition to proposed rate change

1 message

Jenn Jackson (msjennljackson@gmail.com) Sent You a Personal Mon, Jul 10, 2017 Message <automail@knowwho.com> at 6:42 AM To: psc@utah.gov

Dear UT PSC,

Dear Utah Public Service Commission Chair LeVar, Commissioners Clark and White,

I strongly urge you to deny Rocky Mountain Power's request to impose punitive rates that would unfairly penalize Utah's rooftop solar customers.

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cc: Cindy Crane, President and CEO, Rocky Mountain Power

Sincerely,

Jenn Jackson 1424 W 600 S Salt Lake City, UT 84104 msjennljackson@gmail.com (801) 554-7991 This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.