

**COMMISSIONERS**  
SUSAN BITTER SMITH - Chairman  
BOB BURNS  
TOM FORESE  
DOUG LITTLE  
BOB STUMP



0000160416

ARIZONA CORPORATION COMMISSION

SUSAN BITTER SMITH  
Chairman

Direct Line: (602) 542-3625  
Fax: (602) 542-3669  
E-mail: Bittersmith-web@azcc.gov

# MEMO

# ORIGINAL

To: Arizona Corporation Commission, Docket Control  
From: Office of Chairman Susan Bitter Smith  
Date: February 27, 2015  
Re: Arizona Corporation Commission (EE and IRP)  
E-00000XX-13-0214

Commissioner Bitter Smith's office has received approximately 40 emails and letters regarding the above captioned docket. The documents can be viewed in Docket Control or online on the eDocket website.

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Arizona Corporation Commission  
**DOCKETED**

FEB 27 2015

DOCKETED BY	
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Teresa Tenbrink

E-00000X-13-0214

**From:** Michael Morgan <mmorgan9@icloud.com>  
**Sent:** Wednesday, November 26, 2014 11:49 AM  
**To:** BitterSmith-Web  
**Subject:** Elimination of Arizona Energy Efficiency Standard

Commissioner Susan Bitter Smith:

According to a AZCentral piece by Ryan Randazzo, the Corporation Commission is proposing to eliminate the energy efficiency standard that it set in 2010 by a 5-0 vote. (<http://www.azcentral.com/story/money/2014/11/05/arizona-energy-saving-programs-jeopardy/18572557/> ). According to this piece, and to my general understanding about energy costs, this standard is projected to save consumers \$9billion on their utility bills through 2020; and will also help to reduce pollution and to conserve water. As a consumer and resident of Arizona, I therefore strongly support the energy efficiency standard -- as did all the utility experts on the Commission in 2010.

Perhaps I am wrong to support the energy efficiency standard. I have tried to imagine who would benefit from an elimination of the efficiency standard. The only "who" I can think of are the utility companies because by eliminating savings to consumers, they would increase their income, and therefore their profits. These thoughts of mine must surely be wrongheaded. I have never heard that you or any candidate for the Commission ever ran on a platform of ... increase costs to consumers, increase utilities' profits, ignore waste and inefficiency, and never mind water conservation and air pollution. In fact, weren't your promises to voters just the opposite? I know you are very busy, but I would appreciate learning from you why my thoughts are wrongheaded.

It may very well be that there are problems with Arizona's current energy efficiency standard, but I note that the proposal before the Commission calls for the complete elimination of the standard, not for its improvement. Isn't this just giving our public utilities a free pass to ignore energy efficiency and all its side benefits?

I am looking forward to your reply.

Sincerely, Michael Morgan, Tucson

**Teresa Tenbrink**

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**From:** Kathy & Gerd Renno <gkrenno@gmail.com>  
**Sent:** Thursday, November 27, 2014 5:38 PM  
**To:** BitterSmith-Web  
**Subject:** Support the Energy Efficiency Standard

Dear Ms. Smith:

Please oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. The Energy Efficiency Standards are working to reduce my utility bills and to make Arizona an affordable place to live and do business.

We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in our state.

I am confident that you will do the right thing for Arizona and Arizonans.

Thank you for your consideration.  
Kathy and Gerd Renno  
Tucson, AZ

**Teresa Tenbrink**

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**From:** Julius Gordon <aherodias74@netzero.net>  
**Sent:** Friday, November 28, 2014 2:21 PM  
**To:** BitterSmith-Web  
**Subject:** support and defend the forward thinking Energy Efficient Standard for the State of Arizona,

Dear Commissioner Bitter Smith,

I am writing to encourage you to support and defend the amazing and forward thinking Energy Efficient Standard for the State of Arizona, which was wisely established by the AzCorporation Commission.

I urge you to oppose any effort to eliminate the Energy Efficiency Standard or any effort to re-open or alter the Energy Efficiency Rules. These rules help me to reduce my utility bills and the costs to and increasing demands on the utilities. Since we spend billions each year in out state costs for utility services, it seems very wise to improve energy efficiency, reduce these costs and have opportunities to provide more jobs in our state in the energy efficiency business arena.

I am confident that you will do the right thing for our state, our utilities and for us as rate payers. Please continue to support the Energy Efficiency Standard for Arizona as adopted in 2010. We are a role model for the rest of the Nation.

Thank you,

Grace and Julius Gordon  
4914 E. 2nd St.  
Tucson, AZ 85711

**Teresa Tenbrink**

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**From:** lmorenz@comcast.net  
**Sent:** Friday, November 28, 2014 9:47 PM  
**To:** BitterSmith-Web  
**Subject:** Arizona Energy Efficiency Standard

Dear Commissioner Bitter Smith,

I am writing to encourage you to support and defend the amazing and forward thinking Energy Efficiency Standard for the State of Arizona, which was wisely established by the Az Corporation Commission.

I urge you to oppose any effort to eliminate the Energy Efficiency Standard or any effort to re-open or alter the Energy Efficiency Rules. These rules help me to reduce my utility bills and the costs to and increasing demands on the utilities. Since we spend billions each year in out state costs for utility services, it seems very wise to improve energy efficiency, reduce these costs and have opportunities to provide more jobs in our state in the energy efficiency business arena.

I am confident that you will do the right thing for our state, our utilities and for us as rate payers. Please continue to support the Energy Efficiency Standard for Arizona as adopted in 2010. We are a role model for the rest of the Nation.

Thank you,

Linda Lundergan Morenz, MD, MPH  
7620 E. Placita del Pajaro  
Tucson, Az 85750

**Teresa Tenbrink**

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**From:** KATHY ANN WALSH <kathyannwalsh5658@msn.com>  
**Sent:** Monday, December 01, 2014 4:55 PM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** Arizona's Energy Efficiency Standards

Dear Chairman and Commissioners:

My name is Kathy Ann Walsh and I am a concerned citizen of Scottsdale, AZ and a customer of Arizona Public Service.

I urge you to please oppose ANY elimination or reduction of Arizona's Energy Efficiency Standards. The Standards are working and are a step toward making Arizona more attractive as a place to live and do business by lowering utility costs.

It would be a huge step backward to lower the Standards that have been set. Please help Arizona to move forward in energy efficiency.

Thank you.

Kathy Ann Walsh  
10302 E Le Marche Dr.  
Scottsdale, AZ 85255

**Teresa Tenbrink**

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**From:** JP & Cindy Smith <johnnysgarden@cox.net>  
**Sent:** Thursday, December 18, 2014 9:50 AM  
**To:** BitterSmith-Web  
**Subject:** Docket number E-00000XX-13-0214...

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

To Ms. Bitter-Smith,

I contact you today to encourage you to fully implement our Electric and Natural Gas Efficiency Standards of 2010. The Standards have proven to: moderate energy costs, reduce energy waste and create jobs. I am proud that Arizona has received positive national recognition as the 15<sup>th</sup> most energy efficient state and these Standards will save us money and provide continued incentive for power companies to operate in a conservative

manner. With regard, J. P. Smith of Mesa.



This email has been checked for viruses by Avast antivirus software.  
[www.avast.com](http://www.avast.com)

**Teresa Tenbrink**

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**From:** James C McPherson <sailormobile@yahoo.com>  
**Sent:** Thursday, December 04, 2014 1:40 PM  
**To:** BitterSmith-Web  
**Subject:** Energy Efficiency Standards

Commissioner:

It has recently come to my attention that the Arizona Corporation Commission is considering a proposal to eliminate the State's energy efficiency standards for electricity and natural gas. I'm writing to urge you to look at the positive benefits of these standards. I'm confident that when you look at the benefits of having energy standards, you will agree with the position of the bipartisan Commission that adopted those standards in 2010. It is demonstrably true that they have saved consumers an enormous amount of money for a truly minimal effort on the part of the companies. I am aware of interest on the part of other States in creating similar programs, as they have moved Arizona from the middle of the pack in energy efficiency to the top fifteen in the country. Effectively encouraging utilities to lower their standards is an obvious step in the wrong direction.

Please consider the negative impacts of such a move and work to ensure that such standards are kept in place and made more efficient.

Thank you for your attention, and I hope, your support.

Jim McPherson  
5819 N Cascabel Rd  
Benson, Az 85602

**Teresa Tenbrink**

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**From:** Ann Nichols <annwnichols@gmail.com>  
**Sent:** Sunday, November 30, 2014 12:37 PM  
**To:** BitterSmith-Web  
**Subject:** Save the Energy Efficiency Standard

Dear Commissioner Bittersmith,

In recent years, I have been proud of Arizona as a leader in our country in our efforts to conserve energy and educate the public on energy conservation measures through the Energy Efficiency Standard program. You may remember my late husband, Andy Nichols, from the time he served in the AZ State Legislature and advocated for energy conservation and clean energy.

For reasons not apparent to me, there seems to be a proposal to eliminate the Energy Efficiency Standards.

**Please do not eliminate or significantly modify these rules. They have served us well.**

Thank you for your attention.

Ann Weaver Nichols  
4556 N. Flecha Dr.  
Tucson, AZ 85718

**Ceresa Tenbrink**

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**From:** Debbie Gevirtzman <dgevirtzman@eeexchange.org>  
**Sent:** Tuesday, November 25, 2014 12:47 PM  
**Subject:** energy efficiency standards

Docket-No. E-00000XX-13-0214

Dear Chairman and Commissioners,

My name is Debbie Gevirtzman and I am a customer of Tucson Electric Power.

I write to urge you to oppose the elimination of Arizona's Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. These standards work to lower utility bills for me and my neighbors and also help make Arizona an affordable place to live and work.

I am confident you will do the right thing for Arizona and our state's economy. I respectfully urge you to continue to support the Energy Efficiency Standards adopted in 2010.

Thank you,

Debbie

Debbie Gevirtzman  
2351 E Camino La Zorrela  
Tucson, AZ 85718

**Teresa Tenbrink**

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**From:** James Hudson <juhudson133@mac.com>  
**Sent:** Tuesday, November 25, 2014 7:46 AM  
**To:** BitterSmith-Web  
**Subject:** energy efficiency standard for Arizona

Dear Commissioner Bittersmith;

I am writing in support of the current Energy Efficiency Standard for Arizona. I urge you to preserve this program that promotes alternative energy production. It is crucial to the future of future of this state.

Jim Hudson  
[jwhudson@mac.com](mailto:jwhudson@mac.com)  
5655 N. Genematas  
Tucson, AZ 85704

**Teresa Tenbrink**

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**From:** Mark Brown <nachoman@comcast.net>  
**Sent:** Tuesday, November 25, 2014 6:18 AM  
**To:** BitterSmith-Web  
**Subject:** Energy Efficiency Standard

Dear Commissioner Bittersmith,

I am writing to encourage you to support and defend the amazing and forward thinking Energy Efficiency Standard for the State of Arizona, which was wisely established by the Az Corporation Commission.

I urge you to oppose any effort to eliminate the Energy Efficiency Standard or any effort to re-open or alter the Energy Efficiency Rules. These rules help me reduce my utility bills, as well as the costs to and increasing demands on the utilities. Since we spend billions each year in out of state costs for utility services, it seems very wise to improve energy efficiency, reduce these costs and have opportunities to provide more jobs in our state in the energy efficiency business arena.

I am confident that you will do the right thing for our state, our utilities and for us as rate payers. Please continue to support the Energy Efficiency Standard for Arizona as adopted in 2010. We are a role model for the rest of the Nation.

Thank you,

Mark A Brown  
4538 E La Estancia  
Tucson, AZ 85718  
520-850-0398

**Teresa Tenbrink**

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**From:** Francis Graffagnino <fmagraffagnino@msn.com>  
**Sent:** Monday, November 24, 2014 10:29 PM  
**To:** BitterSmith-Web  
**Subject:** Energy Efficient Standard for Arizona

Dear Commissioner Bitter Smith,

my husband and I are writing to encourage you to support and defend the amazing and forward thinking Energy Efficient Standard for the State of Arizona, which was wisely established by the AzCorporation Commission.

We urge you to oppose any effort to eliminate the Energy Efficiency Standard or any effort to re-open or alter the Energy Efficiency Rules. These rules help us to reduce our utility bills and the costs to and increasing demands on the utilities. Since we spend billions each year in out state costs for utility services, it seems very wise to improve energy efficiency, reduce these costs and have opportunities to provide more jobs in our state in the energy efficiency business arena.

We are confident that you will do the right thing for our state, our utilities and for us as rate payers. Please continue to support the Energy Efficiency Standard for Arizona as adopted in 2010. We are a role model for the rest of the Nation.

Thank you,

Mary Ann and Frank Graffagnino  
10207 E. Calle Pueblo Estrella  
Tucson, AZ 85747

**Teresa Tenbrink**

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**From:** dslaschiava@comcast.net  
**Sent:** Monday, November 24, 2014 9:59 PM  
**To:** BitterSmith-Web; Burns-Web; Pierce-Web; Stump-Web; RBurns-Web  
**Subject:** Energy Efficient Standard for the State of Arizona  
**Attachments:** energy-efficiency-job-creation.pdf

Dear AZ Corporation Commissioners,

I am contacting you today to encourage you to support and defend the sensible and forward thinking Energy Efficient Standard for the State of Arizona, which was wisely established by the AZ Corporation Commission.

I urge you to oppose any efforts to eliminate the Energy Efficiency Standard or any attempts to weaken the Energy Efficiency Rules. These rules help Arizonans to reduce their utility bills and the increasing costs and demands on the utilities. Since we spend billions each year on costs for utility services it only makes good sense to improve energy efficiency, thus reducing cost burdens while simultaneously boosting energy efficiency job growth.

Sustainability must always be at the forefront of our energy needs. I am confident that you will do the right thing for our state, our utilities, and for Arizona rate payers. Please continue to support the Energy Efficiency Standard for Arizona as adopted in 2010. Arizona has proudly become a role model for the rest of the Nation.

Thank you.

Sincerely,

Dona LaSchiava

4511 West Rockwood Drive

Tucson, AZ 85741

## Teresa Tenbrink

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**From:** Jan Trumbo <trumbo@opus1.com>  
**Sent:** Saturday, November 22, 2014 8:11 AM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** Please oppose the elimination of the Energy Efficiency Standards

Dear Charman and Commissioners,

My name is Jan Trumbo and I am a customer of Arizona Public Service.

I write to urge you to oppose the elimination of Arizona's Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules.

As a society, we must learn to manage our own energy demands using many approaches to improve building efficiency, educate consumers about efficiency and ways to lower energy use. Providing appropriate incentives is the way to achieve these goals.

This program has been successful and should be continued. Removing incentives puts us back on the head-in-the-sand path of willy-nilly building of more and more power plants to satisfy thoughtless increasing demand.

We need long-term thinking. The incentive program establishes broader energy use goals for the public utilities that provide our energy. We need such broader goals for responsible energy use in our resource-intensive way of life.

Please retain this program.

Thank you,  
Jan Trumbo  
1404 E Lind Rd.  
Tucson, AZ

## Teresa Tenbrink

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**From:** pygehlen@cox.net  
**Sent:** Saturday, November 22, 2014 7:10 AM  
**To:** BitterSmith-Web  
**Subject:** Corporation Commission

I oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. The Energy Efficiency Standards are working to reduce my utility bills and to make Arizona an affordable place to live and do business.

We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in our state.

I am confident that you will do the right thing for Arizona and Arizonans.

Patricia Gehlen

**Teresa Tenbrink**

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**From:** Ann Sawyer <anntenna.sawyer@gmail.com>  
**Sent:** Wednesday, November 19, 2014 10:37 AM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** We need to boost, not reduce energy efficiency

Dear Commissioners,

To reduce energy efficiency standards would be to move backwards. Arizona will be far better off to continue moving in the direction of energy progress, i.e. to continue development of clean energy resources. Moving to higher standards of efficiency results in more jobs for Arizonans in developing the new technologies. It also results in cleaner air, thus attracting more visitors and residents. Plus global warming is reduced, something that will become mandatory sooner or later. Let's establish our rightful place in the sun; i.e. in the forefront of developing renewable solar energy for our own use and for export to others. Keep the standards high!

Ann Sawyer  
Central Phoenix  
480-305-4301

## Teresa Tenbrink

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**From:** Paige Murphy-Young <murphyyoung@mindspring.com>  
**Sent:** Tuesday, November 18, 2014 3:58 PM  
**To:** Stump-Web; BitterSmith-Web; RBurns-Web; Pierce-Web  
**Subject:** Comments concerning proposed changes to Energy Efficiency Standards, Docket No. E-00000XX-13-0214  
**Attachments:** 11-2014 comments.pdf; ATT00001..htm

November 18, 2014

Chairman Bob Stump and Members  
Arizona Corporation Commission  
1200 W. Washington Street  
Phoenix, Arizona 85007

RE: No. E-00000XX-13-0214

Dear Chairman Stump and Members of the Arizona Corporation Commission:

Please consider the following comments.

The Arizona Corporation Commission should seriously reconsider the proposed amendments to the Electric Utility Energy Efficiency Standards that were filed on November 4, 2014. Under these proposed amendments, Arizona's enforceable efficiency standards would be removed entirely, replaced by energy efficiency goals. Unlike the existing efficiency standards, the Commission's proposed replacement provides no specific, evidence-based requirements under which such goals could actually be achieved.

Under the existing rule, Arizona Administrative Code R14-2-2404, all affected industries (unless subject to a limited exception as provided under the ACC rules) are subject to the same clear, numerical standard, to wit: 22% cumulative energy savings by 2020.

Not so for the energy efficiency goals, which would be set separately for each affected utility (designer goals?). No factors are set forth to guide the Commission on setting these goals, and utilities are given an expanded menu of alternative measures they can use to fulfill such goals.

So far, the public has been given scant information about the scope of -- or need for -- changing the energy efficiency rule. In fact, unless an Arizona citizen actually located the proposed amendments and read them for her/himself, it would be natural to conclude that the rule changes would be far more limited in scope (basically, tweaking the cost factors associated with specified energy efficiency options). As reported by the Arizona Republic on November 5, 2014, Commissioner Gary Pierce did not identify any APS, Tucson Electric Power Company or Southwest Gas Corporation programs that are not cost effective, simply stating that the "formula for determining cost effectiveness needs to be standardized". Dramatically expanding upon a rule amendment that would standardize the formula for cost-effectiveness, the November 4th proposal represents a wholesale abandonment of Arizona's current energy efficiency standards.

The Commission has failed to explain (or to provide any factual justification for) its November 4 proposal to remove the current energy efficiency standards entirely. Under Arizona law, agencies must explain the need for a rule (including a rule change) and provide a factual foundation supporting for such a determination. In view of the economic and environmental success of the current energy efficiency rules, it is hard to imagine what empirical evidence the Commission can present to support its effective repeal.

The current and continuing drought in Arizona and other Colorado River Basin states demonstrate that energy efficiency measures are even more necessary now than they were in 2010. Producing energy requires water, sometimes in large quantities. Saving energy saves water as well.

Finally, the above-described concerns about the November 4th proposal do not apply to any other modifications to Arizona's energy efficiency standards that the Commission may consider in the future. Various energy efficiency programs are being developed throughout the United States and beyond. They are constantly evolving and improving. Some of the most promising approaches involve some form of revenue decoupling. Refinement and expansion Arizona's current decoupling mechanisms could more effectively ensure that public utilities receive a reasonable rate of return on their investments while promoting energy conservation.

Thank you for considering these comments.

Sincerely,

Paige Murphy-Young



## Teresa Tenbrink

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**From:** Jennifer Kefer <jennifer@dgardiner.com>  
**Sent:** Tuesday, November 18, 2014 9:45 AM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web; Burns-Web; Pierce-Web  
**Subject:** Docket No. E-00000XX-13-0214 - Comments of the Alliance for Industrial Efficiency  
**Attachments:** AIE Comments to ACC\_E-00000XX-13-0214\_11\_2014.pdf

Dear Chairman Stump, Commissioners Burns, Bitter Smith, Burns, and Pierce –

I am writing on behalf of The Alliance for Industrial Efficiency, a diverse coalition including representatives from the business, environmental, labor and contractor communities. Our national membership includes more than two dozen electrical and sheet metal contractors in Arizona. We are committed to enhancing manufacturing competitiveness and improving electric reliability through the greater use of combined heat and power (CHP) and waste heat to power (WHP). The attached comments express our opposition to the Arizona Corporate Commission's (ACC) efforts to eliminate the state's energy efficiency resource standard (EERS), which explicitly identifies CHP as an eligible technology. We will file original copies of our comments with the Commission; however, I wanted to share this electronic draft for your records as well.

Please let me know if you have any questions –

Jennifer Kefer  
Vice President  
202-365-2194  
[jennifer@dgardiner.com](mailto:jennifer@dgardiner.com)



2609 11<sup>th</sup> St. N.  
Arlington, VA 22201  
[www.dgardiner.com](http://www.dgardiner.com)

***Follow the Alliance for Industrial Efficiency on Twitter! @AllianceIndEff***  
***Follow DGA on Twitter! @dgardinera***

Please note change of address as of 1/1/2014

**Teresa Tenbrink**

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**From:** rlongonijr@cox.net  
**Sent:** Tuesday, November 18, 2014 6:05 AM  
**To:** BitterSmith-Web  
**Subject:** Docket#: E-00000X-13-0214

Dear Commissioner Bitter Smith:

I am very concerned about the proposal to eliminate Arizona's energy efficiency standards for electric utilities, as well as the short time frame within which the public has time to comment. I first ask that you extend the comment period for this proposal. Second, I ask that you leave the current standards intact.

It is clear that these standards help out Arizona consumers, with the financial savings they incur due to their reduced demand for electricity, and I see no reason that if these standards were to continue that Arizona's consumers would not continue to incur these savings, and more.

Thank You,

Robert Longoni, Jr.  
(602)714-5666

## Teresa Tenbrink

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**From:** Scott Gulas <scottgulas@gmail.com>  
**Sent:** Monday, November 17, 2014 11:25 PM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** Arizona's Energy Efficiency Standard

Commissioner Smith, Commissioner Burns, and Chairman Stump,

I'm writing you to ask that you please oppose the elimination of the Energy Efficiency Standards in Arizona. Arizona's existing Energy Efficiency Rules have served us well, reducing my utility bills and making Arizona an affordable place to live and do business. Please support energy efficiency to keep jobs and our money here in the state of Arizona. I am hopeful that you will do the right thing for Arizona and its residents.

Thanks,  
Scott & Amy Gulas  
Sahuarita, AZ

**Teresa Tenbrink**

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**From:** Erica Hansen <ericah2@gmail.com>  
**Sent:** Monday, November 17, 2014 10:00 PM  
**To:** BitterSmith-Web  
**Subject:** Opposition for the elimination of the Energy Efficiency Standards

Dear Commissioner Bitter Smith,

As a Tucson resident, I am kindly requesting that you oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. The Energy Efficiency Standards are working to reduce my utility bills and to make Arizona an affordable place to live and do business. We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in our state.

I am confident that you will do the right thing for Arizona and Arizonans.

Kind regards,

Erica Hansen  
(928) 853-2983

## Teresa Tenbrink

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**From:** Beth Hannon <hannonbeth@gmail.com>  
**Sent:** Monday, November 17, 2014 6:35 PM  
**To:** BitterSmith-Web  
**Subject:** Fwd: Oppose the Elimination of the Energy Efficiency Standards

Dear

Commissioner Bitter Smith,

I am writing as a concerned resident of Tucson, AZ - zip code 85711.

Please oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules.

The Energy Efficiency Standards are working to reduce my utility bills and to make Arizona an affordable place to live and do business.

We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in our state.

I am confident that you will do the right thing for Arizona and Arizonans.

Sincerely,  
Beth Hannon Penny  
[hannonbeth@gmail.com](mailto:hannonbeth@gmail.com)

## Teresa Tenbrink

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**From:** Barb Moen <moen4955@cox.net>  
**Sent:** Monday, November 17, 2014 3:13 PM  
**To:** moen4955@cox.net  
**Subject:** AZ Energy Standards

**Importance:** High

Dear Chairman Bob Stump and Commissioners Bob Burns and Susan Bitter Smith,

Please do not eliminate Arizona's energy efficiency standards. Not only do they reduce my and my neighbor's energy bills, and support and build jobs here in our state, but the standards and programs help to make my family more accountable for the way we use and conserve energy. This conservation honors the whole life cycle here on our planet earth and helps us to develop an interconnected way of thinking and acting. These may start as individual actions, but supporting energy efficiency standards helps make them community standards. Arizonans need and deserve these standards, and we count on our community leaders to fight for ways to make this a good and safe and responsible place to live.

Please support the needs of the people you were elected to serve, and continue to look for ways and means to protect and honor our home.

Doug and Barb Moen

## Teresa Tenbrink

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**From:** Cathy Della Penta <c.della@cox.net>  
**Sent:** Monday, November 17, 2014 12:38 PM  
**To:** BitterSmith-Web  
**Subject:** re: New Energy Efficiency Standards for Tucson

Dear Commissioner Bitter Smith,

My name is Cathy R. Della Penta and energy efficiency is important to me because I have 4KW of solar panels on my roof and an energy efficient home. I see the direct results of energy efficiency in my new home and want others to enjoy those benefits as well.

Energy efficiency programs help Tucsonans reduce their electricity bills through installation of efficient lighting, more efficient air conditioners, by repairing leaky ductwork, and more. I am aware that you voted to expand those programs for Tucson, so I would like to thank you for your recent vote, and am urging you to please vote that way again.

In addition, so that you receive direct feedback from the target audience being impacted, please consider ACC open meetings be held in the Tucson area whenever possible, not 120 miles away in Phoenix. Also, please consider providing a live conference line via phone and Internet to all other ACC meetings open to the public.

Since 2008, energy efficient programs approved by the Commission have created more than \$900 million in net economic benefits through lower utility bills, reduced air pollution, and saved water. We need to be growing this figure, not shrinking it. Please help Arizona move forward to the future, not back by allowing the expansion of cost-effective energy efficiency programs in the TEP service area, such as multi-family housing efficiency and appliance recycling.

Again, thank you for your recent vote and thank you for your time and consideration in these matters.

Sincerely,

Cathy R. Della Penta  
10601 E. Marchetti Loop  
Tucson, Az 85747

## Teresa Tenbrink

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**From:** Dr. Eve Shapiro <evecshapiro@gmail.com>  
**Sent:** Monday, November 17, 2014 8:31 AM  
**To:** Stump-Web  
**Cc:** RBurns-Web; BitterSmith-Web  
**Subject:** energy efficiency standards

I urge you all to OPPOSE the elimination of the energy efficiency standards and any reopening of the energy efficiency rules. These standards help reduce the utility costs of many Arizonans, making our state an affordable place to live and do business. We send billions of dollars out of state each year to pay for energy. Please support energy efficiency to keep jobs and money here in our state. I am confident you will do the right thing for Arizona and Arizonans.

Thank you,  
Eve Shapiro MD

## Teresa Tenbrink

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**From:** Brook Bernini <binibrook@gmail.com>  
**Sent:** Sunday, November 16, 2014 5:29 PM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** Energy Efficiency Standard

Dear Chairman Bob Stump, Commissioner Susan Bitter Smith, and Commissioner Bob Burns,  
I am writing in opposition to the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. The Energy Efficiency Standards are working to reduce my utility bills and to make Arizona an affordable place to live and do business. We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in our state.

Thank you, I am confident that you will do the right thing for Arizona and Arizonans.

Sincerely,  
Brook Bernini

**Teresa Tenbrink**

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**From:** Margaret <marventura1@aol.com>  
**Sent:** Sunday, November 16, 2014 4:41 PM  
**To:** BitterSmith-Web  
**Subject:** AZ Energy Efficiency Standards

Dear Chairman and Commissioners,

My name is Margaret McChesney and I am a 4th Generation Arizonan and a customer of Arizona Public Service.

I write you to urge you to oppose the elimination of Arizona's Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. These Standards are working to lower utility bills for me and my neighbors and make Arizona an affordable place to live and work.

I am confident you will do the right thing for Arizona and our state's economy. Please continue to support the Energy Efficiency Standards adopted in 2010.

Thank you,

Paz, Amor y Aventura,  
Margaret M McChesney  
625 N 11th Avenue  
Phoenix AZ 85007

## **Teresa Tenbrink**

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**From:** Loraine <loraineza@gmail.com>  
**Sent:** Sunday, November 16, 2014 2:39 PM  
**To:** BitterSmith-Web  
**Subject:** energy standards

Please oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules.

The Energy Efficiency Standards are working to reduce my utility bills and to make Arizona an affordable place to live and do business.

We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in our state.

I am confident that you will do the right thing for Arizona and Arizonans.

Loraine Zagula  
Tucson, AZ

**Teresa Tenbrink**

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**From:** Roy Emrick <rmemrick@cox.net>  
**Sent:** Saturday, November 15, 2014 3:00 PM  
**To:** BitterSmith-Web  
**Subject:** Support Energy Efficiency Rules

Commissioner Susan Bitter-Smith  
Arizona Corporation Commission  
Phoenix, AZ

15 November 2014

Dear Commissioner Bitter-Smith,

My name is Roy M. Emrick and I am a customer of Tucson Electric Power Company.

I was alarmed to hear that there is a proposal to eliminate Arizona's Energy Efficiency Standards. Energy efficiency is the most effective way to reduce energy consumption.

It provides jobs, keeps my utility bills low, and makes Arizona an affordable place to live and do business.

I thank you for supporting them in the past. Please continue to support the Energy Efficiency Standards adopted in 2010.

Sincerely yours,

Roy M Emrick

2220 N Norton Ave.

**Teresa Tenbrink**

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**From:** Moises Gallegos <moises.gallegos@cox.net>  
**Sent:** Saturday, November 15, 2014 8:52 AM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** AZ Energy Efficiency Rules

Dear Chairman and Commissioners,

My name is Moises Gallegos and I am a customer of Arizona Public Service.

I write you to urge you to oppose the elimination of Arizona's Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. These Standards are working to lower utility bills for me and my neighbors and make Arizona an affordable place to live and work.

I am confident you will do the right thing for Arizona and our state's economy. Please continue to support the Energy Efficiency Standards adopted in 2010.

Thank you,

Moises Gallegos  
7317 W. Libby Street  
Glendale, AZ 85308

## Teresa Tenbrink

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**From:** Jan C Bush <jan.bush@me.com>  
**Sent:** Friday, November 14, 2014 11:48 AM  
**To:** BitterSmith-Web  
**Subject:** Energy Efficiency Standards Essential to Economic Security

Commissioner Bitter-Smith,

A recent report from ADEQ indicates Arizona's energy efficiency standards are a vital part of the state's energy portfolio.[1]

The Corporation Commission conducted its own extensive fact-finding in 2010 to explore the future benefits and costs of Arizona's new electricity efficiency standard. [2] Final rules stated that implementation of the standard was expected to produce more than twice the total energy savings when compared with the business-as-usual scenario. And in fact, last year's customers of APS and TEP saved an enormous amount, \$77 million, because of the electricity standard.

Without the energy efficiency standard, it will be hard to keep electric utility rates in the lower half the Southwestern retail market and annual rate changes below 2%. That will make it harder for Arizona to compete with the growing group of regional competitors that use demand-side management, energy efficiency, renewable and natural gas resources to achieve low-cost energy from local resources.

And without Commission leadership, Arizona's economy won't compete in emerging regional markets with energy-efficiency policies to lower ratepayer costs and raise private-sector investment. The energy efficiency standards are essential to Arizonans' economic security. I hope to hear your views on this issue.

Jan C Bush, AICP  
6411 S River Drive, Unit 68, Tempe AZ, 85283

[1] Arizona Department of Environmental Quality, State of the Arizona Energy System, slide 28. Presented 9/03/2014 and available at <http://www.azdeq.gov/environ/air/stakeholder.html>.

[2] *Final ACC Policy Statement Regarding Utility Disincentives to Energy Efficiency and Decoupled Rate Structures*, 12/29/2010 at <http://images.edocket.azcc.gov/docketpdf/0000121666.pdf>. Docket Nos. E-00000J-08-0314 and G-00000C-08-0314. Very good discussion of utility disincentives to control customer demand on page 2; discussion of components of ratepayer savings through energy efficiency on page 20; quote on size of ratepayer savings at page 26.

## Teresa Tenbrink

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**From:** Mary DeCamp <mdecamp@q.com>  
**Sent:** Friday, November 14, 2014 9:37 AM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web; Pierce-Web; Burns-Web  
**Cc:** marchers@googlegroups.com  
**Subject:** Oppose elimination of AZ's Energy Efficiency Standards

Good morning Commissioners,

I'm a Tucson constituent who just walked across America with the Great March for Climate Action to raise awareness about how our environment is being affected by global warming and what we can do about it ([www.climatemarch.org](http://www.climatemarch.org)). This 8-month trek of over 3,000 miles was arduous, but something that I could personally offer to our society to try to improve conditions for future generations.

You occupy elected office and have the power to do so much more than any ordinary citizen.

Please do all within your power to oppose the elimination of the Energy Efficiency Standards (EES) and any reopening of Arizona's Energy Efficiency Rules. The EES are working - they reduce utility bills and make Arizona a more affordable place to live and to raise families and to do business. Energy efficiency is key to conserving valuable resources we depend upon. We desperately need to break our addiction to fossil fuels. We, as over-consuming Americans, need to go on an energy diet to reduce reliance on fossil fuels that are linked to climate change.

We all share this beautiful earth and we are all called to do the right things to care for our host planet. I'm hoping you, too, will realize the multiple benefits associated with embracing EES and that you will support adherence to these common-sense standards.

Respectfully,  
Mary DeCamp  
579 S 3rd Avenue  
Tucson, AZ 85701

**Teresa Tenbrink**

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**From:** Danit Polunsky <neetdanit@gmail.com>  
**Sent:** Thursday, November 13, 2014 4:28 PM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** Please oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules.

## **Key points:**

1. Please oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules.
2. The Energy Efficiency Standards are working to reduce my utility bills and to make Arizona an affordable place to live and do business.
3. We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in our state.
4. I am confident that you will do the right thing for Arizona and Arizonans.

Danit Polunsky

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"The life I touch for good or ill will touch another life, and that in turn another, until who knows where the trembling stops or in what far place my touch will be felt." -Frederick Buechner

## Teresa Tenbrink

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**From:** Doug Bland <doug.bland@azipl.org>  
**Sent:** Thursday, November 13, 2014 9:54 AM  
**To:** BitterSmith-Web  
**Subject:** Please support EE standards

Dear Commissioner Bitter-Smith,

As an APS customer both in my home and the congregation where I am Pastor, I urge you to oppose the elimination of Arizona's Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. These Standards are working to lower utility bills for me and my neighbors and make Arizona an affordable place to live and work.

I am also writing on behalf of the Arizona Interfaith Power & Light---a religious response to climate change. Our 33 member congregations---Christian, Muslim and Jewish-- are very concerned about the proposal to eliminate Arizona's energy efficiency standards as well as the short time frame within which we have to comment. First, we ask that you extend the comment period on the proposal to eliminate the standards. Second, we ask that you leave the standards intact.

Sincerely,

Rev. Doug Bland  
Pastor, Community Christian Church, Tempe  
Executive Director, Arizona Interfaith Power & Light

## **Teresa Tenbrink**

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**From:** Susan Willis <skmcwillis@gmail.com>  
**Sent:** Wednesday, November 12, 2014 9:10 PM  
**To:** BitterSmith-Web  
**Subject:** Arizona Energy Efficiency Standards

Dear Commissioner Bitter-Smith,

I am a ratepayer of Tucson Electric Power.

I am writing to urge you to oppose the elimination of Arizona's Energy Efficiency Standards and any modifications of Arizona's Energy Efficiency Rules. These Standards are working to maintain affordable utility bills for me and my neighbors and they help move us towards necessary reductions in greenhouse gas emissions.

Billions of dollars of our energy expenditures go out of state to pay for power generated elsewhere. Promotion of energy efficiency will create jobs and will keep some of that money here in Arizona, where it will contribute to our economy.

As our actions continue to move us perilously on a path toward global catastrophic climate destabilization, the days of inefficiency and massive energy waste must end and be finally relegated to the dustbin of history. We must now move forward toward a more intelligent and efficient use of energy.

I have faith that you will do what's right for the people and the economy of Arizona. I urge you to support the Energy Efficiency Standards adopted in 2010.

Thank you,

Susan Willis  
3275 E. Pima St. #2  
Tucson, AZ 85716

## Teresa Tenbrink

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**From:** Melissa Donovan <mdonovanbooks@gmail.com>  
**Sent:** Wednesday, November 12, 2014 8:39 PM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** Energy Efficiency

Hello Commissioners,

I am a resident and taxpayer in Tucson. I am writing to oppose elimination of the Energy Efficiency Standard or reopening of Arizona's Energy Efficiency Rules. The efficiency standards have save me and all Arizonans millions of dollars. The more I have to pay for energy the less I will have to spend in other sectors of the Arizona economy.

I prefer and hope we keep more jobs and money here in Arizona rather than send our money out of state to purchase power.

I know you will do what's right for Arizona taxpayers and continue helping us save money.

Sincerely  
Melissa Donovan  
855 E. River Rd, #44  
Tucson AZ 85718

**Teresa Tenbrink**

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**From:** susan waites <snwaites@gmail.com>  
**Sent:** Wednesday, November 12, 2014 5:12 PM  
**To:** BitterSmith-Web  
**Subject:** Please don't eliminate the RES and energy efficiency programs

Dear Commissioner Smith,

I'm writing to let you know I think the proposal to eliminate Arizona's energy efficiency programs is a horrible idea.

I am a retired teacher and homeowner. Last year I took advantage of TEP's partial rebate to have the ductwork on my heating and cooling system sealed. Testing determined that because of sloppy construction when the house was built, I had the equivalent of a 3ft by 3ft square hole in my house from leaks in the ductwork. I was paying good money to heat and cool air that never made it into the house. After the sealing process, the "hole" or residual leakage was reduced to the equivalent of a mere 8 square inches. I've kept track of my energy usage over the last year since the duct sealing was done. The sealing saved me the equivalent of an average month of kilowatt hour usage. That's like getting to skip one whole month of electric utility bills. I couldn't have afforded to have the duct sealing done if it had not been for the TEP rebate program. And now I'm going to see the money saving payback benefits every month in the future, even as energy costs continue to go up.

I hope you and the other members of the Commission will do the right thing and maintain the energy efficiency standard and programs that save ratepayers like me money.

Thank you for taking the time to listen to my story. And thank you for your past efforts to support the expansion of TEP's energy efficiency programs like APS got to do.

Sincerely,  
Susan Waites

**Teresa Tenbrink**

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**From:** Bob Nicholas <bobn@Jacoinc.net>  
**Sent:** Tuesday, November 18, 2014 5:19 PM  
**To:** Pierce-Web; Stump-Web; RBurns-Web; Burns-Web; BitterSmith-Web; Utilities Div - Mailbox  
**Subject:** Docket No. E-00000xx-13-0214 Comments by JACO Environmental Inc  
**Attachments:** Letter to ACC - EE Standards 2014 - 11-18-2014\_final.doc

Dear Commissioner,

Thank you for your consideration of our comments concerning the EE Standard review.

Sincerely,

*Bob*

Robert Nicholas  
Business Development  
JACO Environmental Inc.  
425.754.4894  
[www.jacoinc.net](http://www.jacoinc.net)

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November 18, 2014

Emailed

Gary Pierce, Chairman – ([pierce-web@azcc.gov](mailto:pierce-web@azcc.gov))  
Bob Stump, Commissioner – ([stump-web@azcc.gov](mailto:stump-web@azcc.gov))  
Bob Burns, Commissioner – ([rburns-web@azcc.gov](mailto:rburns-web@azcc.gov))  
Brenda Burns, Commissioner ([burns-web@azcc.gov](mailto:burns-web@azcc.gov))  
Susan Bitter – ([SmithbitterSmith-web@azcc.gov](mailto:SmithbitterSmith-web@azcc.gov))  
Arizona Corporation Commission – Utilities Division – ([mailmaster@azcc.gov](mailto:mailmaster@azcc.gov))  
1200 West Washington Street  
Phoenix, Arizona 8007

BEFORE THE ARIZONA CORPORATION COMMISSION

Re: Docket No. E-00000xx-13-0214.

In the Matter of the Commission's investigation to address energy efficiency/demand side management ("EE/DSM"), cost-effectiveness of EE/DSM as currently administered, EE/DSM cost recovery methodologies (including the Energy Efficiency Resource Plan proposed in the Tucson Electric Power Company rate case Settlement Agreement, Decision No. 73912), need or not for EE/DSM performance incentives, EE/DSM as part of the Commission's Integrated Resource Plan process and possible modification of current EE/DSM and Integrated Resource Plan rules.

COMMENTS OF JACO ENVIRONMENTAL INC.

Dear Commissioners:

JACO /Environmental Inc, (JACO), appreciated this opportunity to respond to the Arizona Corporation Commission's ("Commission") Request for Informal Comment on draft proposed amendments to the Commission's energy efficiency ("EE") rules for electric and natural gas utilities.

On November 4, 2014, Steven Olea, Director, Utilities Division at the Commission issued a letter requesting informal comments on a draft proposal to significantly modify the Commission's energy efficiency rules. Specifically, the proposal would eliminate Arizona's energy efficiency resources standard ("EERS"), which requires investor owned electric utilities in the state to achieve cumulative savings of 22% of retail electric energy sales and 6% of retail gas sales by 2020. The draft proposal would make other substantive changes to the energy efficiency rules, including modifying the cost-effectiveness test for EE programs, changing reporting requirements and disallowing utility proposals for performance incentives.

JACO respectively urges the Commission to maintain the current EE rules as they exist today. These rules have made Arizona a respected and national leader on energy efficiency and have provided most of the state's residents the opportunity to become more energy efficient saving power resources and helping to keep Arizona's electric rates lower.

JACO specializes in the planning and implementation of refrigerator and freezer recycling/decommissioning programs. JACO offers recycling programs to utilities nationwide and currently has approximately 90 programs serving over 200 + utilities, including large and small, like PG&E, ComEd, Duke, APS, SRP, UES to Morenci and Mohave in Arizona.

JACO currently offers Arizona sponsoring utilities and their customers an opportunity to dispose of old, energy hog appliances in the most efficient way possible. It offers Arizona customer's energy savings, great convenience and lower energy bills. By removing significant amounts of energy from the grid, via these old appliances at a lower cost than alternative energy sources, we capture benefits that establish a prudent and financially sound business case for Arizona customers. In addition, Arizona's customers are making sure that thousands of these appliances are not getting into landfills and are being properly recycled and that 95 percent of the recovered materials end up in new products or are properly destroyed.

We urge the Commission to maintain the EE standards that has established an EE/DSM infrastructure that delivers to the state hundreds of millions of dollars in savings and flexibility within its power supply portfolio. If after consideration of the comments received on November 18 the Commission feels it is necessary to consider rule changes, it should allow for further stakeholder engagement.

JACO thanks the Commission for the opportunity to submit comments on the proposed draft amendments to the EERS and appreciates its consideration of JACO's comments regarding this important issue.

Sincerely,

*Robert Nicholas*

Robert Nicholas  
Business Development - Utility Programs  
JACO Environmental Inc

**Teresa Tenbrink**

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**From:** Ethan Hansen <ethanh2@gmail.com>  
**Sent:** Monday, November 17, 2014 8:30 PM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** Please do not act to eliminate Arizona's Efficiency Standard

As an Arizona citizen, I am very much in favor of keeping Arizona's current efficiency standards. The Standard has helped thousands of Arizonans save millions of dollars on our utility bills and has helped to sharply cut pollution. Eliminating this vital standard is a severe threat to the environment and to our pocket books!

Thank you for your consideration,

Ethan Hansen

**Teresa Tenbrink**

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**From:** John Nangle <j2vle2j7k@gmail.com>  
**Sent:** Saturday, November 15, 2014 11:54 AM  
**To:** BitterSmith-Web  
**Subject:** Energy Conservation Standards for Arizona Utilities Docket E-00000XX-13-0214

Dear Commissioner:

I was involved in economic research under Department of Energy contract to study the economic impact of energy conservation. I wrote my master's thesis on this topic at the University of Illinois. I know from my own research that energy conservation saves energy and creates jobs. I also know that Arizona is one of the states where energy conservation such as insulation is most cost-effective. The environmental benefits are a bonus.

I am surprised and disappointed that the Commission would consider going backward on the positive outcomes that Arizona has achieved so far. Please continue to mandate that Arizona electric utilities continue to support and implement energy conservation programs.

Sincerely, John J. Nangle, M.S.E.E.

## Teresa Tenbrink

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**From:** Sierra Club Membership Services <sierra@sierraclub.org> on behalf of Laurie Neagle <sierra@sierraclub.org>  
**Sent:** Thursday, November 13, 2014 1:34 PM  
**To:** BitterSmith-Web  
**Subject:** Utility bills

I'm writing to urge you to keep our Utility Bills Low, as it is every year becomes harder, the prices are huge as in \$500-700 a month for just electric and keeping the temperature at 81! (Keeping blinds closed, checking all seals are repaired, yearly Air-conditioning checkups: air filters changed and unplugging anything not needed)

We as a poor state, cannot continue to afford bills like these. We are a right-to-work state and companies will not give raises, even if you only make minimum wage!

I urge you to help the poor, the aged and the underemployed make ends meet, by helping us lower our utilities and reining in those companies that are unscrupulous. Help us make Arizona a better place.

Thank you,  
Laurie Neagle

To take action on this issue, click on the link below:

[http://action.sierraclub.org/site/Advocacy?s\\_oo=HlrmVpL4JuX3ohqUryc2Ww&id=14669](http://action.sierraclub.org/site/Advocacy?s_oo=HlrmVpL4JuX3ohqUryc2Ww&id=14669)

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## Teresa Tenbrink

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**From:** Taggart, Mike <Mike.Taggart@jm.com>  
**Sent:** Friday, August 01, 2014 8:33 PM  
**To:** BitterSmith-Web  
**Cc:** Ray, Bruce  
**Subject:** Retain Arizona's Energy Efficiency Standard

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Commissioner Susan Bitter Smith: I am writing on behalf of the 100 employees at the Johns Manville plant in Tucson, where I serve as plant manager. We urge you to keep in place the strong energy efficiency standard that has been so successful for Arizona and that now serves as a model for the entire nation on the many benefits of cost-effective energy efficiency.

As you may know, Johns Manville is Berkshire Hathaway company that manufactures three primary product lines: insulation (including fiber glass and foam); commercial roofing systems (including roofing insulation); and, glass fiber-based engineered products for such uses as reinforcing advanced composites for wind energy. Fully 70% of our products promote energy efficiency, whether for buildings, transportation (including aerospace, rail, and automotive), power plants, oil refineries, chemical plants and other high-temperature environments, as well as OEM, and other applications.

At the Tucson plant we make the spinners used in other Johns Manville plants to produce a wide variety of fiber glass insulation products. This makes the Tucson location and Arizona itself quite important to Johns Manville.

We understand that the Commission may consider a repeal or roll back of the State's energy efficiency standard. As you know, Arizonians send \$4 billion out of state every year to pay for our utilities. That puts a drain on our economy and our pocketbooks and means fewer jobs in Arizona. Regulators should prioritize energy efficiency to rein in costs and support local job creation.

It costs less for us to save electricity than it does for us to generate it. If we limit energy efficiency, we force ourselves to spend money on more expensive energy resources. But when residents save on energy bills, they spend those savings locally – supporting Arizona restaurants, stores, and businesses.

Bruce Ray, JM's director of governmental and regulatory affairs (copied on this email) may also contact you on this issue.

Thank you for your consideration.

**Mike Taggart** | Plant Manager  
6455 North Thornydale Road  
Tucson, Arizona 85741

P: 520-575-2251 [Johns Manville](http://www.johnsmanville.com)

 **Johns Manville**

*A Berkshire Hathaway Company*

**Teresa Tenbrink**

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**From:** Ward Stalnaker <wardstalnaker@gmail.com>  
**Sent:** Wednesday, November 12, 2014 10:26 AM  
**To:** BitterSmith-Web  
**Subject:** Dear comissioner Bitter Smith:

Preserve God's good world. Do not reopen or revise Arizona's Energy Efficiency Standards.

God Bless You and Protect You

Ward Stalnaker  
PO Box 1525  
Snowflake, AZ 85937

## Teresa Tenbrink

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**From:** Sierra Club Membership Services <sierra@sierraclub.org> on behalf of James Wilkey <sierra@sierraclub.org>  
**Sent:** Wednesday, November 12, 2014 9:18 AM  
**To:** BitterSmith-Web  
**Subject:** Docket No. E-00000XX-13-0214

Dear Decision Maker,

Arizona's Energy Efficiency Standards require the state's utilities to work with consumers to save energy, reduce utility bills, and cut total energy costs. Arizona Corporation Commissioners approved these requirements unanimously in 2010. Specifically, these Standards require electric utilities to save 22% energy by 2020 and natural gas utilities to save 6% by 2020.

I oppose the elimination of Arizona's Energy Efficiency Standards and ask that the Arizona Corporation Commission oppose it as well. These standards are important for our state, to ratepayers, and to our economy and have made Arizona a leader in our nation when it comes to energy efficiency.

I urge you to continue supporting energy efficiency programs and policies through our Energy Efficiency Standards. As you know, the programs that have been driven by the standards help ratepayers reduce their utility bills and save money, plus keep their homes more comfortable. These efficiency programs create jobs in our communities and help our economy, overall, by keeping more of our energy dollars here in Arizona. Because they save energy and reduce demand for electricity, they drive down energy costs for everyone.

Thank you,  
James H. Wilkey  
3544 W. Grovers Ave.  
Glendale, AZ 85308

To take action on this issue, click on the link below:

[http://action.sierraclub.org/site/Advocacy?s\\_oo=6RnJeRF49Wg4wUrUk0jfNQ&id=14669](http://action.sierraclub.org/site/Advocacy?s_oo=6RnJeRF49Wg4wUrUk0jfNQ&id=14669)

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**Teresa Tenbrink**

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**From:** lynda gordon <golynda@gmail.com>  
**Sent:** Tuesday, November 11, 2014 11:35 PM  
**To:** Stump-Web; RBurns-Web; BitterSmith-Web  
**Subject:** Energy Efficiency Standard

Dear Commissioners,

I'm writing to ask you to please oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. The Energy Efficiency Standards are working to reduce our utility bills and to make Arizona an affordable place to live and to do business. We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in Arizona.

I hope that you will do the right thing for Arizona and Arizonans by opposing the elimination of the Standards.

Sincerely,

Lynda Gordon  
Tucson, AZ

## **Teresa Tenbrink**

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**From:** Douglas Barreto <douglasb176@gmail.com>  
**Sent:** Tuesday, November 11, 2014 7:01 PM  
**To:** BitterSmith-Web  
**Subject:** Removing Energy Efficiency Standards

I have heard some disturbing news that the Corporation Commission is thinking about tossing out the Az Energy Efficiency Standards. In my opinion this would be just another mistake in a series from the ACC since the allowance of TEP and it's parent Corp to be purchased by a Canadian Fracking company like Fortis.

By throwing away these standards, you are removing the ability for my energy savings and encouraging companies to back away from renewable energy solutions.

D. Barreto

**Teresa Tenbrink**

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**From:** Fritzi Redgrave <redgravef@gmail.com>  
**Sent:** Tuesday, November 11, 2014 1:23 PM  
**To:** BitterSmith-Web  
**Subject:** energy efficiency

Commissioner Smith:

Please oppose the elimination of the Energy Efficiency Standards. Please do NOT reopen Arizona's Energy Efficiency Rules.

I am a 76 year old living on social security and these standards are working to reduce my utility bills.

TEP believes that these standards should be continued.

We send an amazing amount of money out of state each year to pay for our energy, that money could be used to support energy efficiency to keep, money and jobs in Arizona.

Thankyou for your support in this most urgent matter.

**Teresa Tenbrink**

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**From:** Hugh Wolf <hugh@ecokong.org>  
**Sent:** Tuesday, November 11, 2014 12:53 PM  
**To:** BitterSmith-Web  
**Subject:** Energy Efficient Standards

Dear Commissioner Bitter Smith,

We are confronted with the urgency of now. In this unfolding conundrum of proposed changes on November 4, 2014 with the elimination of energy efficiency standards across our great state of Arizona. This change would excuse some utilities from cutting waste, hold our utility consumers captive to higher bills, set non binding, energy saving goals through a process lead by utilities. Also, these changes will under cut consumer savings, eliminate the "Societal Cost Test" which has been standard practice and successful in Arizona and many other states.

We need to only make the right choice: "turn-down this pending proposal". If we will make the right choice, we will be able to transform this single minded discord of the past and support the collective voice of our small businesses and consumers fully implementing the standards adopted in 2010 that will create more than 10 thousand jobs, \$9 billion in business and consumer savings, and more than 10 million tons of carbon dioxide.

If we will make the right choice, we will be able to speed up the day all over Arizona when our collective voice prevails uniting us as Arizonans acting on a vision of doing more not less to cut energy waste.

As an energy efficient small business and energy consumer I urge you to take the position to oppose this societal injustice as this proposal would severely devastate my statewide clients, my family income and my local community in what we are trying to accomplish; living in more comfortable, safe and efficient homes.

Please continue to support the Energy Efficient Standards adopted in 2010.

Sincerely,

Hugh D. Wolf  
Managing Director  
Eco Kong, Inc  
125 North 2nd Street, Suite 110-514  
Phoenix, AZ 85004  
C: 602-570-2677  
Email: [hugh@ecokong.org](mailto:hugh@ecokong.org)



## Teresa Tenbrink

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**From:** Barbara Warren <bwarre01@gmail.com>  
**Sent:** Tuesday, November 11, 2014 7:11 AM  
**To:** BitterSmith-Web  
**Subject:** Energy Efficiency Standard for Arizona

Dear Commissioner Bitter Smith,

I am writing to encourage you to support and defend the amazing and forward thinking Energy Efficient Standard for the State of Arizona, which was wisely established by the AzCorporation Commission.

I urge you to oppose any effort to eliminate the Energy Efficiency Standard or any effort to re-open or alter the Energy Efficiency Rules. These rules help me to reduce my utility bills and the costs to and increasing demands on the utilities. Since we spend billions each year in out state costs for utility services, it seems very wise to improve energy efficiency, reduce these costs and have opportunities to provide more jobs in our state in the energy efficiency business arena.

I am confident that you will do the right thing for our state, our utilities and for us as rate payers. Please continue to support the Energy Efficiency Standard for Arizona as adopted in 2010. We are a role model for the rest of the Nation.

Thank you,

Barbara H. Warren  
653 N Prince Village Place  
Tucson, AZ 85719

**Teresa Tenbrink**

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**From:** Russell Lowes <russlowes@gmail.com>  
**Sent:** Monday, November 10, 2014 8:43 PM  
**To:** BitterSmith-Web  
**Subject:** Energy Efficiency Standards

Dear Commissioner Bitter Smith:

Please do not allow the Energy Efficiency Standards to be reopened. We need to make sure that these Standards accomplish what Chairwoman Mayes and her fellow Commissioners intended them to accomplish.

These Standards will have the effect of reducing poverty in Arizona, by reducing the bills for all utility customers.

These Standards will decrease the Arizona energy trade deficit. They will keep more of Arizonans' dollars in-state.

I am hoping, and am confident, that you will do the right thing for our state and enforce our strong Energy efficiency Standards.

Thank you,

Russell Lowes  
(TEP ratepayer)  
3339 E. Seneca St.  
Tucson, AZ 85716  
520-321-3670

**Teresa Tenbrink**

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**From:** Terry Pawlowski <terry@ultrasw.com>  
**Sent:** Monday, November 10, 2014 6:07 PM  
**To:** BitterSmith-Web  
**Subject:** Regarding energy efficiency standards

Dear Susan

Please oppose the elimination of the Energy Efficiency Standards and any reopening of Arizona's Energy Efficiency Rules. The Energy Efficiency Standards are working to reduce my utility bills and to make Arizona an affordable place to live and do business. We send billions of dollars out of state each year to pay for our energy. Please support energy efficiency to keep jobs and money here in our state.

I am confident that you will do the right thing for Arizona and Arizona energy users.

Most Sincerely,

Terry Pawlowski

## Teresa Tenbrink

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**From:** N. Z. Uludere Aragon <nzuludere@gmail.com>  
**Sent:** Monday, November 10, 2014 6:02 PM  
**To:** Stump-Web; BitterSmith-Web  
**Subject:** Regarding ACC staff proposal on energy efficiency for utilities (Docket No. E-00000XX-13-0214)

Dear ACC Chairman Bob Stump and Commissioner Susan Bitter Smith;

I am writing in hopes of getting your views on the proposal by the ACC staff concerning their proposal to rollback Arizona's energy efficiency standards for utilities. The proposal as I view it falls short of explaining the rationale for the change.

I was alerted to the matter today by a newsletter from the ACEEE (see below). ACEEE is non-profit organization that promotes energy efficiency. I follow their work for professional reasons, and have found it to be reliable. (Among their Board members is Mr. Carl Blumstein, the Chairman of the Institute for Energy and Environment at UC Berkeley, who Chairman Stump may know.)

As someone who has worked in power industry, I understand the dilemma posed by energy efficiency and demand side management measures to energy utilities. For regulated utility companies that operate around the premise of growing revenues through higher use and growth in customer base (growing their *ratebase*), actively promoting a reduction in usage seems to be an oxymoron.

However, we should not assume that the baseline operations (in absence of performance standards) of these utilities indicates the best, most optimal way of delivering energy (power and gas) to customers. In many cases improvements in productivity of labor and capital generate savings for the utilities and their customers without compromising returns for shareholders. This is just smart business, and a smart way of using our scarce resources. Performance standards simply "nudge" the utilities to speed up the process of becoming better at their jobs. Unless the utilities can demonstrate they have exhausted all possible productivity gains, there is always more room for improvement.

Also, as you may know better than I do, Arizona is not the first nor the last jurisdiction to implement energy efficiency standards at utility level, and companies adapt their business models to respond to the new operating realities and develop new revenue sources. Moreover, in many of these jurisdictions, including Arizona, shareholders of utilities are shielded from excessive downside that may arise due to energy efficiency or DSM programs through customer charges that utilities collect to pay for these programs (so-called systems benefits charges).

In the end, though, we all win. The utilities use resources more efficiently, eliminate waste, and we all save money. These standards are simply mileposts to surpass and continue to innovate in delivery, customer care, operations and maintenance. Funds saved upstream and downstream can be diverted to better uses - better in many ways; better for shareholders and customers, and the communities they live in.

I am concerned that rolling back these standards, especially after they have been so successful in Arizona, will cause many to question the Commission's and Staff's reasons, and to doubt the commitment of our utilities to outperforming their peers and to work "smarter".

As the responsible, concerned regulatory body that it is, I would like the ACC and Staff to make a better social,

economic and environmental argument for eliminating or changing the nature of these energy efficiency standards; specifically, changing the wording from standards to goals in <http://images.edocket.azcc.gov/docketpdf/0000157723.pdf> item #19.

Kind regards,

Nazli Uludere Aragon

----- Forwarded message -----

From: ACEEE News <[aceeenews@aceee.org](mailto:aceeenews@aceee.org)>

Date: Mon, Nov 10, 2014 at 3:07 PM

Subject: Commission staff proposal would encroach on Arizonans' freedom to choose how they use energy

To: [nzuludere@gmail.com](mailto:nzuludere@gmail.com)

ACEEE BLOG POST

Media Contact: Patrick Kiker

[pkiker@aceee.org](mailto:pkiker@aceee.org), (202) 507-4043

Commission staff proposal would encroach on Arizonans' freedom to choose how they use energy

By Annie Gilleo, State Policy Research Analyst

Voters made many decisions on Election Day. Governors were chosen and new laws were adopted. But one choice Arizona voters didn't get to make may raise utility costs for families and businesses in the state. On November 4th, while Arizona voters were focused on exit polls and election results, the Arizona Corporation Commission (ACC) staff quietly released a proposal for new energy efficiency rules that would eliminate the state's ambitious electricity and natural gas savings standards.

The proposed rules would be a major step backward for the state. In recent years, Arizona has staked a place as an energy efficiency leader in the Southwest. The state saved more energy than any other state in the region in 2013. In fact, the nearly 1.75% electricity savings Arizona achieved was fourth highest in the country. Arizona reached these high levels of savings for utility customers as a direct result of its energy efficiency standards, which were established in 2010 by a unanimous and bipartisan ACC decision. Since then, Arizona has climbed

from the 29th to the 15th most energy efficient state in the country, with electricity savings more than doubling. Doing away with these energy savings requirements would be costly to utility customers in the state.

According to the Southwest Energy Efficiency Project (SWEET), the standards have saved Arizona consumers and businesses more than \$540 million in just three years. These programs, through measures like lighting and equipment upgrades, help homeowners improve the efficiency of their homes and businesses cut waste. Without these strong standards to guide the utilities, investments in efficiency would likely drop significantly, leaving customers with higher energy bills and fewer resources available to help them become more efficient.

It's also important to note that utilities have been spending wisely on efficiency. The current rules require utilities to invest only in efficiency that is cost effective. That means that every dollar that goes into efficiency programs must save customers far more. In fact, energy efficiency programs are the least-cost option available to utilities to meet demand. So why roll back the efficiency rules now?

Even former commissioners can't quite see the logic. In a recent article in AZ Central, former ACC chairwoman Kris Mayes called the proposal "crazy." Mayes went on to say that "nothing in the record suggests the standard is not working." Others share Mayes' indignation. Efficiency advocates worked hard this week to make sure that Arizonans recognize the importance of the state's energy efficiency targets. Just two days after the ACC issued its proposal, a group of advocates filed comments pointing to analysis by the Lawrence Berkeley National Laboratory that found that the efficiency standard would produce \$9 billion in bill savings for Arizona customers by 2030.

Things are moving quickly in Arizona. Comments on the ACC staff proposal are due November 18th. For those interested in commenting on the issue, SWEET has additional information, including directions for commenting, posted on their website.

Arizonans have a choice. They can move backwards, using more energy and paying higher bills, or they can move forward with incentives that encourage everyone in the state to use energy smarter. Utilities can continue to partner with their customers to help them take control of how and when they use energy or, pushed backwards by the proposal, they can take on the one-dimensional role of bill collectors. There's plenty of proof that Arizona's efficiency goals are working well for customers in the state. The ACC proposal is a step-no, a giant leap-in the wrong direction.

To read more posts, visit ACEEE's Blog: <http://aceee.org/blog>

About ACEEE: The American Council for an Energy-Efficient Economy acts as a catalyst to advance energy efficiency policies, programs, technologies, investments, and behaviors. For information about ACEEE and its

programs, publications, and conferences, visit [aceee.org](http://aceee.org).

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ACEEE | 529 14th Street., N.W. | Suite 600 | Washington | DC | 20045

**Teresa Tenbrink**

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**From:** Sean McGraw <seankmcgraw@gmail.com>  
**Sent:** Monday, November 10, 2014 9:25 AM  
**To:** BitterSmith-Web  
**Subject:** Keep Energy Efficiency Programs Alive!

Dear Commissioner Bitter Smith,

Please keep the energy efficiency programs alive! In the last 5 years, we have seen a major increase in the energy efficiency industry in Arizona. Not only does this industry make homes more comfortable and save home owners money, but it also helps improve health and safety in the home.

This is an industry that employs tens of thousands of people throughout the valley. As a 27 year old business owner in Energy Efficiency, I have employed over 30 people. Several of them being veterans, single mothers, etc. We should be building this industry, not tearing it down. Arizona is a leader in sustainable energy efficiency (solar too!), let's keep it that way.

Please considering standing behind us in this effort to keep the programs alive.

Thank you,

Sincerely,

Sean McGraw

## Teresa Tenbrink

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**From:** Karen O'Hara <karenoh@aol.com>  
**Sent:** Thursday, November 06, 2014 4:38 PM  
**To:** BitterSmith-Web  
**Subject:** Please Support New Energy Efficiency Programs in Tucson

Commissioner Susan Bitter Smith  
Arizona Corporation Commission

Dear Commissioner Bitter Smith:

My name is Karen O'Hara and I support the expansion of energy efficiency programs in Tucson. Thank you for your past support and I ask that you do it again.

It is unfair that Arizona Public Service (APS) ratepayers were granted an expansion of their cost-effective energy efficiency programs to include multi-family housing efficiency, appliance recycling, and other benefits, while nothing new has been approved for Tucson Electric Power (TEP) ratepayers since 2010.

As you know, energy efficiency programs and the Arizona Energy Efficiency Standard have already saved Arizonans hundreds of millions of dollars in lower utility bills, conserved water, and reduced air pollution.

These energy efficiency programs:

- create jobs in our southern Arizona communities
- grow Arizona's economy
- reduce energy costs for everyone

Please work to allow the expansion of cost-effective energy efficiency programs in the TEP service area such as multi-family housing efficiency and appliance recycling.

Thank you for your time and consideration.

Sincerely,

Karen O'Hara  
3454 N. Richland Drive  
Tucson, AZ 85719

Hey Susan!

I wrote Bob Stump about  
going solar here in

Arizona. Do you want to  
pitch in?

work with the UofA's  
Optical Science Faculty to  
develop leading solar cell  
technology and make AZ,  
the Silicon Valley of  
Solar energy.

Thanks.

Ruben.

Dear Commissioner Smith ~

Please do your best work to increase energy efficiency programs in Tucson. This helps to save everyone - gov't, public, business, schools, - everyone - save money and reduce pollution.

Make sure that all people, regardless of income - have the same access to good energy efficient upgrades and programs, we deserve the same programs, or better programs, than APS customers.

Thank you!

Andy Bennett

4231 E Wave Rd

Tucson, AZ 85711

We want the same  
advantages as Phoenix  
give us better

energy 14

Deser

better  
reception  
reception  
etc.

We are for  
Therm  
help  
etc.

MISS YOU IN ARIZONA

PHOENIX, ARIZONA POST OFFICE 852

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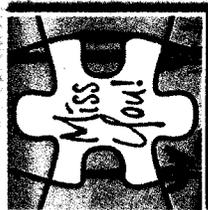
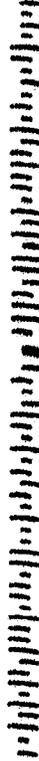


Hello, Commissioner  
Susan Bennett Smith  
I & P customers who  
deserve the same  
cost effective  
programs as  
A&S customers.

Arizona Corporation  
Commissioner  
1200 W. Washington  
2nd floor  
Phoenix, Arizona  
85008

Irma Calderon  
204 E Glenn St Tucson AZ 85705

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PEOPLE OF THE SOUTHWEST  
Cultural pride springs eternal in today's Native Americans.  
Photo: Alan Manley ©



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We need to save  
more fish & water  
& money for our kids

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VERMILION FLYCATCHERS Tucson

The Vermilion Flycatcher is almost always found near water, where it feeds on insects, especially bees. Best known for its stunning courtship displays, the male will start at a height of 50 feet and swoop and forward ward fanning his tail and frantically flapping his wings attempting to attract the female.

Photo by Paul Zimmerman ©



Dear Commissioner,  
Tucson would like to be a part of Energy efficiency. We deserve the same cost-effective programs as A.P.S. customers. Meetings regarding T.E.P. should be in Tucson

To Susan Bitter Smith  
AZ Corporation Comm  
1200 W. Washington  
Phx. AZ 85007

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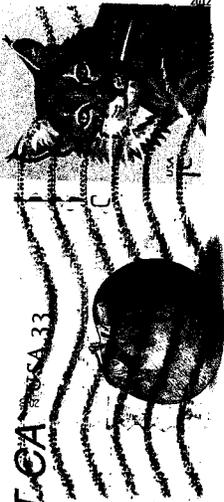
**OLD MAIN, UNIVERSITY OF ARIZONA**  
Tucson, Arizona

The U of A opened in 1891 with a single building, now known as Old Main, containing all of the university's classrooms, offices, dorms, and the library.

Photo: John K...  
COMM 2014 PM 5 1



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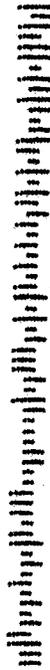
We want the  
same Programs  
that Flux has  
to save money  
but Pollution

Comm Susan B. Smith  
AZ C.C.  
1700 W. Washington  
2nd Floor  
Phoenix, AZ 85007

A. Gutierrez  
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MADE IN U.S.A.

unmanned aircraft,

Having traveled  
recently to southern  
Spain I have seen  
how clean energy in  
the form of wind &

solar energy can be  
helpful to the environment.  
We, in Arizona, should be  
utilizing more.

Dawn Garcia  
3007 E. Blockledge  
Tucson AZ 85711

Dear Susan

Energy efficiency

saves money. Who  
doesn't want to

save money!?

Michelle McCarty  
9154 Le Debat<sup>no</sup> place  
08112

Suean,

Please help us become  
more energy efficient.  
Our Earth is precious  
and we have the  
power to make a  
difference.

Thank you!

-Melinda

Sending you warm wishes  
for the holiday season.

-Laying NEFF  
Tucson resident  
and TEP customer

Commissioner Susan Bitter Smith,  
Meetings regarding T.E.P. should be  
in Tucson, and only in Tucson;  
T.E.P. customers deserve the same  
cost-effective programs as APS  
customers.

Dear Commissioner,

Keep up the good work! We need people like you on our side, cognizant of the fact that energy efficiency saves money and helps the environment!  
I apologize for the sloppy handwriting.

Cheers,

Aubrey McElley  
5626 S. 11th Pl.  
Phoenix, AZ 85040

To Whom It May Concern:

As an Electric Consumer  
I would like to express the  
need for you support in Tucson  
the same energy saving programs  
that you do support in Phoenix.

It is important for this  
to happen because Energy  
Efficiency saves money same  
as A.P.S. Consumers

Alyson

Dear Commissioner Smith

Thank you for your support of programs that allow customers reasonable access to sustainable energy alternatives.

Please also consider that Tucson Electric Power

customers deserve access to meetings concerning our utility company by holding them in our city.  
Thank you.

Sincerely,

~~Smith~~  
Richard

Tucson, AZ

Dear Commissioner Bitter Smith,

Thank you for voting  
for energy efficiency!

It saves people money  
and keeps our beautiful  
Arizona cleaner and  
healthier. |

As a resident of Tucson  
I'd like TEEP customers to  
have the same cost-effective  
programs as APS customers do.

Thank you,

Melisa Donovan  
855 E. River Rd, #44  
Tucson AZ 85718

In Tucson We need

Energy efficiency.

It saves ~~the~~ Money  
and saves the earth.  
from pollution.

Maya Castle

4th grader