

Catherine Potts

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**From:** Ann Cole  
**Sent:** Wednesday, November 16, 2011 4:13 PM  
**To:** Office of Commissioner Balbis  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Catherine Potts  
**Subject:** RE: PSC Solar Rebate Program

Thanks, Cristina. This e-mail will be placed in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

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**From:** Office of Commissioner Balbis  
**Sent:** Wednesday, November 16, 2011 3:45 PM  
**To:** Ann Cole  
**Subject:** FW: PSC Solar Rebate Program

Ann,

Please place the e-mail below in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks,

Cristina

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**From:** Winston Shepard [mailto:wesjr@earthlink.net]  
**Sent:** Thursday, October 27, 2011 2:45 PM  
**To:** Office of Commissioner Balbis; Office of Commissioner Brisé; Office Of Commissioner Edgar; Office of Commissioner Brown; rick.scott@eog.myflorida.gov  
**Subject:** PSC Solar Rebate Program

Dear Commissioners,

I am a commissioned salesman of photovoltaic systems.

How would you feel if you lost 24% of your income over the past six months because your State government and your direct competitor were colluding against you? The 2012 annual appropriation of the PSC/FPL solar rebate program money was gone in three minutes this morning and only 81% of a group of experienced typist, poised at the ready, each with only one application to enter, could type fast enough to qualify for a rebate. This is a cruel joke.

I cannot count the dozens of potential clients that have told me in the last few weeks that they had decided to "think about it some more" and wait until "next year" and the next round of rebates, to consider a PV system. How would you react to a short deadline to decide to spend tens of thousands of dollars on something that is somewhat strange and foreign to you in the first place? Marketing research shows people take one to two years to decide to purchase a PV system.

Who is going to buy at 70 cents on the dollar when they have been bombarded by FPL, through the media and through every other venue FPL could find, with false and misleading information about PV

11/21/2011

under the guise of promoting 400 rebates; that PV systems were offered for, effectively, 20 cents on the dollar? Four hundred rebates for four and one half million ratepayers? This is nothing but a "sucker punch".

Free money from the State solar rebate program has put a black eye on the industry and did nothing but damage to my industry and this rebate program is even worse; this program has the marketing power of giant sophisticated cooperations behind it who are getting the credit for giving away money, pennies as a practical matter, that is not theirs and that, in fact, they are actually being paid to manage and attack my industry and my job all the while mounting a disinformation campaign of a scale my industry could only dream.

Now clients insist on contracts conditional on getting the rebate. This is pervasive in the PV industry in Florida and companies have no choice as their competitors will offer contracts conditional on receiving the rebate; so congratulations, you just managed to insure that not many more independently owned PV systems will be sold than the number of rebates offered and the PV industry is now, effectively, shut down until the next round of rebates.

I cannot help but believe that all of you see and understood the outcome this rebate program is having on the privately owned alternative energy industry; what I can't understand is why are you doing this? Please don't say you are obligated by Statute; I have read the Statute and nowhere is a rebate program mandated.

"Incentives" can come in many forms; like a self insured loan guarantee program offered to the banks a' la FHA. This would create reasonable long term loans at reasonable rates as opposed to average ratepayers subsidizing the wealthy as with the present rebate program. Using this money to leverage the number of bank loans to make alternative energy affordable for a wider cross section of society would do more than anything government could do to promote alternative energy. Believe me, middle class folks don't buy PV systems; they can't afford them and the banks don't understand PV and are not presently seeking the business. Mostly rich people buy PV systems; so this rebate program is simply wealth transfer from the majority of ratepayers to a few wealthy ratepayers.

I am sure that if the banks were to have an incentive and see more clients interested in alternative energy loans they would be more available and aggressive. If reasonable financing were readily available Florida would become a Mecca for the alternative energy industry. Tens of thousands of jobs would be created and hundreds of millions of dollars would flow through the Florida economy. Reasonable financing is the lost link in the chain to the future of privately owned alternative energy. I do not believe you will get an enthusiastic response from the IOU's to this idea.

It is interesting that the private cooperations that are the direct competitors to the privately owned alternative energy industry have been vested with public funds and the management of the public alternative energy promotion program. Isn't that somewhat analogous to giving the keys to the henhouse to the fox?

Please stop strangling the photovoltaic industry in Florida under the false guise of "incentives" for alternative energy.

Yours truly,

Winston Shepard

11/21/2011

Catherine Potts

**From:** Ann Cole  
**Sent:** Monday, November 14, 2011 8:44 AM  
**To:** Betty Leland  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Catherine Potts  
**Subject:** FW: Replacement of high-wire transmission lines in Apalachicola

DISTRIBUTION: \_\_\_\_\_

Thank you for this information, which will be placed in Docket Correspondence, Consumers and their Representatives, in Docket No. 110000-OT.

-----Original Message-----

**From:** Betty Leland On Behalf Of Office Of Commissioner Graham  
**Sent:** Monday, November 14, 2011 8:36 AM  
**To:** Ann Cole  
**Cc:** Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian  
**Subject:** FW: Replacement of high-wire transmission lines in Apalachicola

Ann:

Please place the attached e-mail in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks.

-----Original Message-----

**From:** David Butler [mailto:dkbutler@gtcom.net]  
**Sent:** Sunday, November 13, 2011 12:46 PM  
**To:** bill.johnson@pgnmail.com; vincent.dolan@pgnmail.com  
**Cc:** didelaney@msn.com; Office of Commissioner Balbis; Office Of Commissioner Edgar; Office Of Commissioner Graham; Office of Commissioner Brisé; Office of Commissioner Brown  
**Subject:** Replacement of high-wire transmission lines in Apalachicola

Mr. Johnson and Mr Vincent, Can you provide another options to the city of Apalachicola to include the additional cost?

The community and their support organizations would then have an appreciation of the

alternate cost and would be given the chance to raise the funds [to possibly share] the proposed cost that your power company would have to spend [or more accurately - spread among all utility customers] to implement the alternate option.

I also support the alternate option that would prevent these more intrusive structures from marring our iconic skyline. The subtle changes, that these modern upgrades make to a community like ours, are only realized after the damage is done. We [Franklin County] only have less than 10% of our land mass in private ownership with which to live and exist. Let's not drastically change our 'sense of place' as a community with an efficiency action by the sole power utility that services [and routinely supports] our quaint community.

I am a member of no less than 12 organizations that share this position.

David Butler  
850-274-3890

**Catherine Potts**

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**From:** Ann Cole  
**Sent:** Thursday, November 10, 2011 1:57 PM  
**To:** Betty Leland  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Catherine Potts  
**Subject:** FW: Metering At Tampa Electric Company

Thank you for this information, which will be placed in Docket Correspondence, Consumers and their Representatives, in Docket No. 110000-OT.

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**From:** Betty Leland **On Behalf Of** Art Graham  
**Sent:** Thursday, November 10, 2011 1:27 PM  
**To:** Ann Cole  
**Cc:** Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian  
**Subject:** FW: Metering At Tampa Electric Company

Ann:

Please place the attached e-mail in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks.

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**From:** DEBORAH RUBIN [mailto:mamarubin@msn.com]  
**Sent:** Thursday, November 10, 2011 12:59 PM  
**To:** teco meterman; DEBORAH RUBIN; maproulx@tecoenergy.com; wtwhale@tecoenergy.com; Rep. Plakon; shawn.harrison@myfloridahouse.gov; bill@billnelson.senate.gov; rick.scott@eog.myflorida.com; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; lrials@greenacreproperties.com; dean.cannon@myfloridahouse.gov; bill.nelson@senate.gov; Art Graham; Eduardo Balbis; Office of Commissioner Brown; Lisa Edgar; Ronald Brisé; Marshall Willis; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov  
**Subject:** RE: Metering At Tampa Electric Company

Mr. Caldwell,

The only thing I am asking you for at this point is to remedy the hazardous situation you have created by installing a wireless microwave-emitting meter on my immediate neighbor's home and for your plans to accomplish such remedy. I do not give your company permission to irradiate me and my family.

I do not think you understand my intentions. My emails to you are not about passion or enthusiasm, Mr. Caldwell. They are about your company's exposing me and my family to a public health hazard and your

11/10/2011

company's liability.

Sincerely,

Deborah M. Rubin

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From: WW Caldwell@tecoenergy.com  
To: mamarubin@msn.com  
CC: wtwhale@tecoenergy.com; maproulx@tecoenergy.com  
Date: Thu, 10 Nov 2011 09:29:02 -0500  
Subject: Metering At Tampa Electric Company

Dear Ms. Rubin,

As we have discussed in previous email conversations, Tampa Electric is allowing you to temporarily retain the non-AMR meter at your home while we complete the AMR meter conversion in our 2,000-square-mile territory. Tampa Electric will be investigating and evaluating alternative options the company may offer its customers in the future.

Since our first conversation in April, Tampa Electric has discussed with you:

The timing and frequency of transmitting data from the meters;

Our willingness to honor your request to leave your existing meter in place as we investigate alternative options;

In-depth answers to questions about types of meters and their transmission rates;

In-depth answers to questions about radio frequencies and devices used for measuring them;

Our strategic initiative to install "Smart Grid," which may include smart meters; and

The status of smart meters in our territory.

Tampa Electric has spent considerable time and energy researching and responding to your questions. We have gone into great depth in our responses and have made a good-faith effort to satisfy your concerns. We understand your enthusiasm and passion for continuing to research this subject. However, at this time, we have no additional information to provide you.

For any additional questions, please refer to our website at [www.tampaelectric.com/resources/meters/](http://www.tampaelectric.com/resources/meters/).

Best Regards,

Wes Caldwell

Meter Operations Engineer  
Tampa Electric Company  
813.275.3078

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NOTICE: This email is intended only for the individual(s) to whom it is addressed and may contain confidential information. If you have received this email by mistake, please notify the sender immediately, delete this email from your system and do not copy or disclose it to anyone else. Although we take precautions to protect against viruses, we advise you to take your own precautions to protect against viruses as we accept no liability for any which remain.

11/10/2011

Catherine Potts

**From:** Ann Cole  
**Sent:** Tuesday, November 08, 2011 4:03 PM  
**To:** Betty Leland  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Catherine Potts  
**Subject:** FW: FPL and rates - NOT A SINGLE ONE OF YOU HAS HAD THE COURTESY TO REPLY!  
**Importance:** High

Thanks, Betty. This information will also be placed in Docket Correspondence, Consumers and their Representatives, in Docket No. 110000-OT.

-----Original Message-----

**From:** Betty Leland On Behalf Of Office Of Commissioner Graham  
**Sent:** Tuesday, November 08, 2011 2:47 PM  
**To:** Ann Cole  
**Cc:** Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian  
**Subject:** FW: FPL and rates - NOT A SINGLE ONE OF YOU HAS HAD THE COURTESY TO REPLY!  
**Importance:** High

Ann:

Please place the attached e-mail in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks.

-----Original Message-----

**From:** Linda Drake (WireSpring) [mailto:lindad@wirespring.com]  
**Sent:** Tuesday, November 08, 2011 1:22 PM  
**To:** Office of Commissioner Balbis; Office Of Commissioner Edgar; Office Of Commissioner Graham; Office of Commissioner Brisé; Office of Commissioner Brown  
**Subject:** FPL and rates - NOT A SINGLE ONE OF YOU HAS HAD THE COURTESY TO REPLY!  
**Importance:** High

YOUR DECISION TO ALLOW FPL TO RAISE RATES TO "MAYBE" BUILD A NUCLEAR PLANT IS BEYOND OUTRAGEOUS. I'M WRITING RICK SCOTT NOW TO HAVE HIM DISMISS ALL OF YOU.

## HOW DARE YOU?

Commissioners,

How about in this weeks hearings that you stand up for the residents of Florida? Tell FPL that no, they cannot collect monies from it's captive customers to fund a project that may never be built. Please do the logical thing with FPL. And take care of the residents of Florida.

Remember, the residents and voters of Florida are monitoring your moves and will actively contact their representatives about unseating you if you do not vote in favor of the residents.

Linda Drake  
19861 NW 88 Ave  
Hialeah, FL 33018  
954-548-3300



Catherine Potts

FPSC, CLK - CORRESPONDENCE

~~Administrative Parties~~ ✓ ConsumerDOCUMENT NO. 00623-11

DISTRIBUTION: \_\_\_\_\_

**From:** Ann Cole  
**Sent:** Monday, November 07, 2011 1:09 PM  
**To:** Art Graham  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Catherine Potts  
**Subject:** RE: Meter Replacement & Health

Thanks, Betty. This information will be placed in Docket Correspondence, Consumers and their Representatives, in Docket No. 110000-OT.

**From:** Betty Leland **On Behalf Of** Art Graham  
**Sent:** Monday, November 07, 2011 12:35 PM  
**To:** Ann Cole  
**Cc:** Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian  
**Subject:** FW: Meter Replacement & Health

Ann:

Please place the attached e-mail in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks.

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**From:** Caldwell Jr, Wesley W. [mailto:WWCaldwell@tecoenergy.com]  
**Sent:** Monday, November 07, 2011 11:00 AM  
**To:** 'Sasenarine Persaud'  
**Cc:** Proulx, Megan A.; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcris@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; Art Graham; Eduardo Balbis; Office of Commissioner Brown; Lisa Edgar; Consumer Contact; Ronald Brisé; Marshall Willis; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov; CustomerExperienceCenter@us.ul.com  
**Subject:** RE: Meter Replacement & Health

Dear Mr. Persaud,

I apologize for the mix up on the dates. I wrote 11/8 in the email but then gave the job to our Planner for today's work. I am truly sorry for any inconvenience this may have caused to you. I will attempt to address each of your concerns as succinctly as possible.

- 1) We are retiring all analog meters and not processing any of them for re-use. The meter removed from your residence is most likely in a metal scrap bin at this time.
- 2) The meter the technician has for your residence has been totally tested and is accurate. The

11/7/2011

test results from 11/04/2011 are:

Light Load | 99.78%

Full Load | 100.02%

Electric meters are only sold to electric utilities and to qualified electric contractors. The meters are required to meet American National Standards Institute (ANSI) manufacturing and testing requirements and not UL listing. Underwriters Laboratory testing is recommended for electric and gas devices which the general populace operates or installs. I will re-state that electric meters are only sold to electric utilities and to qualified contractors, not to the general consumer.

3) I have no idea what the true accuracy was of the analog meter removed from your residence. One of the reasons that the analog (mechanical) meters are being replaced and retired is that they slow down over time. The meter may look fine but still not operate correctly. If the meter removed from your residence was still accurate, you should not see any increase in your monthly bill.

The technician will return on 11/08 to install the digital meter and remove the AMR meter. Please do not hesitate to contact me with other concerns you may have about the Tampa Electric meter at your residence.

Sincerely,

Wes Caldwell

Meter Operations Engineer  
Tampa Electric Company  
813.275.3078

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**From:** Sasenarine Persaud [mailto:sasenarinepersaud@yahoo.com]

**Sent:** Monday, November 07, 2011 9:46 AM

**To:** Caldwell Jr, Wesley W.

**Cc:** Proulx, Megan A.; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; art.graham@psc.state.fl.us; eduardo.balbis@psc.state.fl.us; commissioner.brown@psc.state.fl.us; lisa.edgar@psc.state.fl.us; contact@psc.state.fl.us; ronald.brise@psc.state.fl.us; marshall.willis@psc.state.fl.us; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov; CustomerExperienceCenter@us.ul.com

**Subject:** RE: Meter Replacement & Health

Dear Mr Caldwell,

Thank you for your response.

Please refer to you email sent yesterday (Sunday) below, which I now reading--as a technician came to my door to replace the meter with a different meter than the one which was removed. Your email stated that someone would come to effect a replacement on 11/08/2011 (tomorrow). There was someone at my door about to replace the meter. Before we replace the meter, which can be done tomorrow as you initially indicated I have a few clarifications as follows:

11/7/2011

- (1) My request was to have the analog meter you removed last week replaced as a temporary solution--not its replacement with a new digital meter. Surely, the meter you took off last week is still in your possession and in excellent working order.
- (2) Please verify if the proposed new digital meter (without a radio-frequency transmitter--or any transmitter) is UL listed and tested.
- (3) Please confirm that the non-AMR digital meter (without a radio-frequency transmitter--or any transmitter) will not see an increase in my rates. It has been documented (in California and elsewhere in the US) that new digital meters have come with a spike in rates, or any changw in the current rates.

Again, my request is to have the analogue meter that was removed restored, pending the investigation of safe alternatives by TECO.

I look forward to dialogue with you/TECO in writing and in speedily addressing my health/safety/privacy concerns (along with that of my family) and in resolving this--I, also, appreciate your attempt to do so.

Regards,

Sase

Sasenarine Persaud  
18028 Birdwater Drive  
Tampa, FL 33647

Email: [sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)

Sasenarine Persaud is the author of 10 books of fiction and poetry. His awards include: The KM Hunter Foundation Award (Toronto), the Arthur Schomburg Award (New York); 2 Canada Council Poetry Awards, a fiction award from the Ontario Arts Council, and fellowships from the University of Miami and Boston University. He has a Master's from Boston University. His most recent books are *In a Boston Night* (2008) and *Lantana Strangling Ixora* (Fall 2011). His Selected Poems will be published in the UK/Caribbean in 2011. His work has been published in 8 countries, spanning 4 continents and is used in colleges and universities in Canada, England, India, the Caribbean, and the United States.

--- On Sun, 11/6/11, Caldwell Jr, Wesley W. <[WWCaldwell@tecoenergy.com](mailto:WWCaldwell@tecoenergy.com)> wrote:

From: Caldwell Jr, Wesley W. <[WWCaldwell@tecoenergy.com](mailto:WWCaldwell@tecoenergy.com)>  
Subject: RE: Meter Replacement & Health  
To: "'Sasenarine Persaud'" <[sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)>  
Cc: "Whale, Bill T." <[wthwhale@tecoenergy.com](mailto:wthwhale@tecoenergy.com)>, "Proulx, Megan A." <[maproulx@tecoenergy.com](mailto:maproulx@tecoenergy.com)>  
Date: Sunday, November 6, 2011, 9:40 AM

Dear Mr. Persaud,

I appreciate the opportunity to address your concerns. You requested that Tampa Electric replace the automated meter, also called an AMR meter, with a non-AMR meter.

Tampa Electric has decided to temporarily honor your request. We will replace your existing AMR meter with a digital non-AMR meter. This is not an official "opt out," and it remains a temporary solution. This is the most expedient solution available, and hopefully it will address your concerns

11/7/2011

while Tampa Electric continues to investigate other alternatives.

The meter we will install is a digital meter, but it does not contain the radio-frequency transmitter that is typical in AMR meters. Because analog meters are no longer manufactured, this is an equivalent replacement for an analog meter. We expect to replace the meter on your home on 11/08/2011.

I would also like to encourage you to visit our newly updated website [www.tampaelectric.com/resources/meters/amr/](http://www.tampaelectric.com/resources/meters/amr/). This website provides our customers with up-to-date information regarding this technology, along with answering our customers' most frequently asked questions. I also encourage you to check back to the website occasionally for updates.

Sincerely

Wesley Caldwell

Meter Operations Engineer

Tampa Electric Company

813.275.3078

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**From:** Sasenarine Persaud [mailto:sasenarinepersaud@yahoo.com]

**Sent:** Wednesday, November 02, 2011 11:39 PM

**To:** Caldwell Jr, Wesley W.

**Cc:** Proulx, Megan A.; Whale, Bill T.; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; Attal III, Charles A.; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; art.graham@psc.state.fl.us; eduardo.balbis@psc.state.fl.us; commissioner.brown@psc.state.fl.us; lisa.edgar@psc.state.fl.us; contact@psc.state.fl.us; ronald.brise@psc.state.fl.us; marshall.willis@psc.state.fl.us; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us;

11/7/2011

dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov;  
cdcinfo@cdc.gov; CustomerExperienceCenter@us.ul.com  
**Subject:** Meter Replacement & Health

November 2, 2011

Dear Mr. Caldwell,

Thank you for your response and your offer to discuss TECO re-installing my analogue meter—after replacing it without my permission and despite my request not to do so in my original email of September 18, 2011, and installing/unleashing a “smart” (AMR) meter” that radiates my home and family.

At this point, my preference is that all such “discussions” and correspondence between us (i.e. Sasenarine Persaud and you as representative of TECO) be documented, i.e. be done in writing.

My “concern” with the RF device (Itron Centron C1SR meter) installed on my property, in a sentence, is this: the safety and health of my family; the right of my family to inhabit our property without the damaging radiofrequency radiation emitted by such meters; and my right to privacy—with health and safety first.

Smart meters such as the Itron Centron meter installed on my property uses wireless communications to send and receive data with a utility company. This produces significant levels of radiofrequency (RF) microwave radiation in homes. This is a similar type of radiation as produced by cell-phones and other wireless devices, now known to be a health risk for cancer, migraines, heart palpitations, dizziness, sleep disturbances and more. As I pointed out in my first correspondence (September 18, 2011) to you, The World Health Organization has “classified radiofrequency electromagnetic fields as possibly carcinogenic to humans (Group 2B), based on an increased risk for glioma, a malignant type of brain cancer, associated with wireless phone use.”

I am already starting to experience headaches that I’ve never experienced before.

While I have several computers in my home, I do not have wireless connections. All my computers are hard-wired. And this can be verified by my Internet provider.

Let me repeat: I do not have any wireless computers in my home.

The Itron Centron meter installed on my home does not show any mark or certification that it is UL listed. Can you confirm that it is/is not UL listed? As you are aware, a UL listed product is one that has been tested for safety by Underwriters Laboratories or an authorized licensee of UL. This product has not been so certified and is unsafe.

Why, therefore, would I want any equipment that produces significant radiofrequency (RF) microwave radiation (known to be a possible carcinogen) and which is not UL listed to be attached to my home?

In short, I am asking that TECO consider my safety and the safety of my family and re-install the analogue meter that was removed last Saturday (October 29, 2011), pending a safe alternative such as (as I have done with my home computers) (a) a hardwired option (my neighborhood is

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wired for fiber-optic) or (b) an opt out as provided by other utilities in the USA.

There are multiple studies[1][1] that show the adverse effects on health of electromagnetic fields and radiofrequency radiation (such as that produced by the meter installed on my home)—see notes below.

I draw to your attention to the Following:

(1) PG&E, California's largest Investor Owned Utility has started replacing "smart meters" with analogue meters for residents with health concerns.

<http://www.indybay.org/newsitems/2011/11/01/18696555.php>

(2) The landmark decision earlier this year by Maine Public Utilities Commission (MPUC) that ruled (after litigation by residents) that it was unjust and an unreasonable practice for Central Maine Power Company (CMP) to refuse to permit residential and small commercial customers to opt-out of CMP's smart meter program <http://www.skelontaintorabbott.net/news/85/77/Skelton-Taintor-Abbott-Wins-Landmark-Smart-Meter-Case.html>

In summary: There is a easy solution; I am asking that TECO, due to health/ safety reasons for my family (I am already experiencing headaches I've never had), re-install the analogue meter that was removed last Saturday (October 29, 2011) pending a safe alternative such as (as I have done with my home computers) a hardwired option (my neighborhood is wired for fiber-optic), or an opt out as provided by other utilities in the USA.

I look forward to your advising when TECO will replace my Itron Centron meter with an analogue meter (such as the one that was on my property until October 29, 2011). If you still wish to speak with me, please let me know and we can set up a time for this next week. But, again, my preference is for documented discussion such as this.

Regards,

Sasenarine Persaud

Sasenarine Persaud

18028 Birdwater Drive

Tampa, FL 33647

Email: [sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)

Sasenarine Persaud is the author of 10 books of fiction and poetry. His awards include: The KM Hunter Foundation Award (Toronto), the Arthur Schomburg Award (New York); 2 Canada Council Poetry Awards, a fiction award from the Ontario Arts Council, and fellowships from the University of Miami and Boston University. He has a Master's from Boston University. His most recent books are *In a Boston Night* (2008) and *Lantana Strangling Ixora* (Fall 2011). His Selected Poems will be published in the UK/Caribbean in 2011. His work has been published in 8 countries, spanning 4 continents and is used in colleges and universities in Canada, England, India, the Caribbean, and the United States.

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[http://transition.fcc.gov/Bureaus/Engineering\\_Technology/Documents/bulletins/oet56/oet56e4.pdf](http://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet56/oet56e4.pdf)

*"There are many published reports in the scientific literature concerning possible biological effects resulting from animal or human exposure to RF energy. The following discussion only provides highlights of current knowledge, and it is not meant to be a complete review of the scientific literature in this complex field. A number of references are listed at the end of this document that provide further information and details concerning this topic and some recent research reports that have been published (References 1, 3, 6, 7, 9, 14, 15-19, 21, 25, 26, 28-31, 34, 36, 39-41, 47, 49 and 53).*

**More recently**, other scientific laboratories in North America, Europe and elsewhere have reported certain biological effects after exposure of animals ("in vivo") and animal tissue ("in vitro") to relatively low levels of RF radiation. These reported effects have included certain changes in the immune system, neurological effects, behavioral effects, evidence for a link between microwave exposure and the action of certain drugs and compounds, a "calcium efflux" effect in brain tissue (exposed under very specific conditions), and effects on DNA.

*In general, while the possibility of "non-thermal" biological effects may exist, whether or not such effects might indicate a human health hazard is not presently known. Further research is needed to determine the generality of such effects and their possible relevance, if any, to human health."*

**FCC says further research is needed, not that exposure is known to be safe.**

In 2008, FDA directed the National Academy of Sciences to identify research needs and gaps in knowledge regarding the biological effects of exposure to RF energy from wireless communications devices. Among other research needs, the Academy found: [http://www.nap.edu/openbook.php?record\\_id=12036&page=1](http://www.nap.edu/openbook.php?record_id=12036&page=1)

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**"The committee judged that important research needs included,** in order of appearance in the text, the following:

- Characterization of exposure to juveniles, children, pregnant women, and fetuses from personal wireless devices and RF fields from base station antennas.
- Characterization of radiated electromagnetic fields for typical multiple element base station antennas and exposures to affected individuals.
- Prospective epidemiologic cohort studies of children and pregnant women.
- Epidemiologic case-control studies and childhood cancers, including brain cancer.
- Prospective epidemiologic cohort studies of adults in a general population and retrospective cohorts with medium to high occupational exposures.
- Human laboratory studies that focus on possible adverse effects on electroencephalography activity and that include a sufficient number of subjects.
- Investigation of the effect of RF electromagnetic fields on neural networks.
- Evaluation of doses occurring on the microscopic level.
- Additional experimental research focused on the identification of potential biophysical and biochemical/molecular mechanisms of RF action."

Why would you think it is a good idea to put a wireless RF/MW radiator on every home when you could have chosen to hard-wire them instead? Since the National Academy's scientists can not say wireless microwave exposure is safe, TECO certainly can not! **Can TECO provide any scientific evidence showing that exposure to their meters has been studied in long-term safety studies and proven safe?** There are numerous peer-reviewed scientific studies indicating this exposure is not safe, and there are many expert opinions such as those of Dr. Martin Blank, Dr. David O. Carpenter, Dr. Magda Havas.

--- On Tue, 11/1/11, Caldwell Jr, Wesley W. <WWCaldwell@tecoenergy.com> wrote:

From: Caldwell Jr, Wesley W. <WWCaldwell@tecoenergy.com>  
Subject: RE:  
To: "Sasnarine Persaud" <sasnarinepersaud@yahoo.com>  
Date: Tuesday, November 1, 2011, 10:22 AM

Dear Mr. Persaud,

11/7/2011



Can you please provide a contact telephone number and a time when you would be available to discuss your concerns about the meter replacement?

Thanks in advance,

Wes Caldwell

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**From:** Sasenarine Persaud [mailto:sasenarinepersaud@yahoo.com]

**Sent:** Saturday, October 29, 2011 3:00 PM

**To:** Caldwell Jr, Wesley W.

**Cc:** Proulx, Megan A.; Whale, Bill T.; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; Attal III, Charles A.; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; art.graham@psc.state.fl.us; eduardo.balbis@psc.state.fl.us; commissioner.brown@psc.state.fl.us; lisa.edgar@psc.state.fl.us; ronald.brise@psc.state.fl.us; marshall.willis@psc.state.fl.us; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com

**Subject:**

Dear Mr. Caldwell,

This morning, while my household was not up, TECO replaced my analogue meter with an Itron AMR meter, despite my previous request to you (please refer to my emails of Spetember 18, 2011 and September 28, 2011 and your response of September 18) not to do so for health and safety reasons for my family; despite my request for an opt out (for which I was willing to) and my offer to read my analogue meter FOR FREE for TECO (a task which any middle schooler can do).

I am requesting you to remove the Itron AMR meter forthwith and replace it with the analogue meter which was on my house up to this morning.

My concerns for health and safety are the same as Ms. Rubin--please refer to her emails below and your response of October 9, 2011 in which you agreed to allow her to keep her existing analogue meter pending alternative options.

- I asking to be treated as equitably as Ms. Rubin in this regard.

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- I am requesting an opt out as in other areas of the US and/or
- a wired option
- That you remove the Itron AMR meter placed on my house this morning, with the previous analogue meter pending alternative option.

Thank you,

Sasenarine Persaud

18028 Birdwater Drive

Tampa, FL 33647

Email: [sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)

Sasenarine Persaud is the author of 10 books of fiction and poetry. His awards include: The KM Hunter Foundation Award (Toronto), the Arthur Schomburg Award (New York) and fellowships from the University of Miami and Boston University, from which he has a Master's degree. His most recent book is *In a Boston Night*. His work has been published in 8 countries, spanning 4 continents and is taught in colleges and universities in Canada, England, India, the Caribbean, and the United States.

---

From: WWCaldwell@tecoenergy.com  
To: mamarubin@msn.com  
CC: maproulx@tecoenergy.com  
Date: Sun, 9 Oct 2011 20:21:16 -0400  
Subject: RE: 2nd Written Request for Information regarding AMR meter Installation

Dear Mrs. Rubin,

Thank you for your response. Tampa Electric is committed to providing safe, reliable electricity to all of our customers. Hearing your concerns, we will leave your existing meter in place as we investigate alternative options. We will continue to investigate your questions and provide additional information as appropriate.

Best Regards,

Wes Caldwell

Meter Operations Engineer

O: 813.275.3078

11/7/2011

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**From:** DEBORAH RUBIN [mailto:mamarubin@msn.com]  
**Sent:** Tuesday, October 04, 2011 12:34 PM  
**To:** Caldwell Jr, Wesley W.; Whale, Bill T.; Proulx, Megan A.; DEBORAH RUBIN  
**Subject:** 2nd Written Request for Information regarding AMR meter Installation

Dear Mr. Caldwell, Mr. Whale, and Ms. Proulx,

In an effort to better understand the new AMR meters TECO is currently installing in my neighborhood and intends to install on my home against my will in the near future, I once again ask you to please answer the questions in my email below? I will restate them for clarification.

1. What is the amount of time the meters will be transmitting daily.

Tampa Electric has two AMR meters that transmit at different rates. Both meters transmit randomly for a duration of 10 milliseconds (0.010 seconds):

- One meter transmits approximately every 5 seconds
  - o The total daily transmission time for this meter would be about 173 seconds, or less than 3 minutes per day
- The other meter transmits approximately every 30 seconds.
  - o The total daily transmission time for this meter would be about 29 seconds.

2. Will the meters be transmitting simultaneous to my neighbors or in a staggered pattern?

The transmissions from the meters are random and based upon a proprietary manufacturer algorithm. While it is possible that multiple meters could transmit simultaneously, it is highly unlikely, because the meters are not synchronized and the algorithm constantly changes the time between transmissions. [so here, i am thinking i could be irradiated at irregular intervals every second or so; there is no real way to know until the meters are in and i can measure. there is really no way to understand the full impact before the smartgrid is fully implemented. i am alleging that this is the ultimate plan of TECO. I do not believe they do not have a plan]

3. Can the AMR meter be converted to AMI, advanced metering infrastructure?

It is possible to convert the AMR meters to a form of AMI but it is very costly. To date, no utilities have undertaken large scale conversion of AMR meters to AMI meters because of the costs and the limited capability of the converted meter.

I would add:

3. Has TECO begun planning or deploying the infrastructure necessary for AMI in the Tampa area?

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Tampa Electric Company has begun a strategic initiative to evaluate deployment for a "Smart Grid", which may include AMI. However, the company has not made a decision on whether to pursue the technology. Tampa Electric has not deployed any AMI infrastructure in the field at this time.

You have stated rather generally in an email to me: "Tampa Electric Company has not decided whether to deploy AMI meters at this time."

Does that mean you have not decided to deploy AMI at this time, or that as of this time, you have made no decision about ever installing AMI. Your answer is unclear to me. Your interview with Metering seems to say something different: "In preparing for the future, we are trying to implement strategic pilots to test AMI technology and to identify the changes we are going to have to make to our processes and enterprise systems for AMI....We've also started discussing emerging meter technology with our senior leadership. The Vice President of Energy Delivery, Bill Whale, determined the need to involve different segments of leadership in strategy development. He formed what we call the Smart Grid Initiative Coordination Team, a cross-disciplined team which includes members from telecom, IT, metering, customer service, distribution system service, security, and regulatory – everybody basically has a seat on the team. The team has been listening to presentations, gathering information, **and has started to develop business cases for further implementation of AMI. It's not going to be focused on the meter; the big cost is going to be in the infrastructure and the changes to enterprise systems."**

5. Are certified electricians installing the AMR meters?

The AMR meters are being installed by trained, utility installers. All of the installers are employees of Tampa Electric Company.

Thank you,

Deborah M. Rubin

Link to Metering interview: <http://www.metering.com/node/14200>

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From: mamarubin@msn.com  
To: wwcaldwell@tecoenergy.com; wtwhale@tecoenergy.com; maproulx@tecoenergy.com  
Subject: A few more questions  
Date: Wed, 28 Sep 2011 10:26:08 -0500

Dear Mr. Caldwell,

When we spoke yesterday on the phone, you mentioned the total amount of time the new AMR meters will be transmitting each day. Would you please tell me that amount again? Will all of the meters be transmitting simultaneously or at different times? I'm wondering if my meter will transmit simultaneous to my neighbors, or if I can expect to be exposed to my signal every 4-6 seconds and theirs in between my own meters's pulses.

Also, is it possible for the new AMR meters to be converted to AMI meters?

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Thank you very much. I sincerely hope you and everyone copied here watched the Martin Blank video. He gets off to a rough start, but is a bastion of information.

Sincerely,

Deborah M. Rubin

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NOTICE: This email is intended only for the individual(s) to whom it is addressed and may contain confidential information. If you have received this email by mistake, please notify the sender immediately, delete this email from your system and do not copy or disclose it to anyone else. Although we take precautions to protect against viruses, we advise you to take your own precautions to protect against viruses as we accept no liability for any which remain.

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**[i]** There is documentation by way of letters/testimonials from expert scientists who research and study the effects of electromagnetic fields on health, stating that this type of exposure is demonstrated repeatedly in the scientific literature to cause adverse biological effects. Various mechanisms have been identified. FCC even admits on its own website that these studies exist, that in the recent literature the studies are increasingly finding effects, and that more research is needed. These studies, referenced in the FCC text, can be found at the link below:

11/7/2011

**Catherine Potts**

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**To:** Ann Cole; Betty Leland  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite  
**Subject:** RE: Meter Replacement & Health

Thank you for this information. The attachment has been printed and placed in **Docket Correspondence-Consumers and their Representatives**, in Docket 110000-OT.

FPSC, CLK - CORRESPONDENCE  
Administrative Parties ✓ Consumer  
 DOCUMENT NO. 00623-11  
 DISTRIBUTION: \_\_\_\_\_

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**From:** Ann Cole  
**Sent:** Monday, November 07, 2011 10:53 AM  
**To:** Betty Leland  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Catherine Potts  
**Subject:** FW: Meter Replacement & Health

Thank you for this information, which will be placed in Docket Correspondence, Consumers and their Representatives, in Docket No. 110000-OT.

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**From:** Betty Leland **On Behalf Of** Art Graham  
**Sent:** Monday, November 07, 2011 9:59 AM  
**To:** Ann Cole  
**Cc:** Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian  
**Subject:** FW: Meter Replacement & Health

Ann:

Please place the attached e-mail in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks.

---

**From:** Sasenarine Persaud [mailto:sasenarinepersaud@yahoo.com]  
**Sent:** Monday, November 07, 2011 9:46 AM  
**To:** wwcaldwell@tecoenergy.com  
**Cc:** maproulx@tecoenergy.com; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; tmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; Art Graham; Eduardo Balbis; Office of Commissioner Brown; Lisa Edgar; Consumer Contact; Ronald Brisé; Marshall Willis; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov; CustomerExperienceCenter@us.ul.com  
**Subject:** RE: Meter Replacement & Health

*Dear Mr Caldwell.*

*Thank you for your response.*

*Please refer to you email sent yesterday (Sunday) below, which I now reading--as a technic*

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to replace the meter with a different meter than the one which was removed. Your email stated that someone would come to effect a replacement on 11/08/2011 (tomorrow). There was someone at my door about to replace the meter. Before we replace the meter, which can be done tomorrow as you initially indicated I have a few clarifications as follows:

- (1) My request was to have the analog meter you removed last week replaced as a temporary solution--not its replacement with a new digital meter. Surely, the meter you took off last week is still in your possession and in excellent working order.
- (2) Please verify if the proposed new digital meter (without a radio-frequency transmitter--or any transmitter) is UL listed and tested.
- (3) Please confirm that the non-AMR digital meter (without a radio-frequency transmitter--or any transmitter) will not see an increase in my rates. It has been documented (in California and elsewhere in the US) that new digital meters have come with a spike in rates, or any change in the current rates.

Again, my request is to have the analogue meter that was removed restored, pending the investigation of safe alternatives by TECO.

I look forward to dialogue with you/TECO in writing and in speedily addressing my health/safety/privacy concerns (along with that of my family) and in resolving this--I, also, appreciate your attempt to do so.

Regards,

Sase

Sasenarine Persaud  
18028 Birdwater Drive  
Tampa, FL 33647

Email: [sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)

Sasenarine Persaud is the author of 10 books of fiction and poetry. His awards include: The KM Hunter Foundation Award (Toronto), the Arthur Schomburg Award (New York); 2 Canada Council Poetry Awards, a fiction award from the Ontario Arts Council, and fellowships from the University of Miami and Boston University. He has a Master's from Boston University. His most recent books are *In a Boston Night* (2008) and *Lantana Strangling Ixora* (Fall 2011). His Selected Poems will be published in the UK/Caribbean in 2011. His work has been published in 8 countries, spanning 4 continents and is used in colleges and universities in Canada, England, India, the Caribbean, and the United States.

--- On Sun, 11/6/11, Caldwell Jr, Wesley W. <[WWCaldwell@tecoenergy.com](mailto:WWCaldwell@tecoenergy.com)> wrote:

From: Caldwell Jr, Wesley W. <[WWCaldwell@tecoenergy.com](mailto:WWCaldwell@tecoenergy.com)>  
Subject: RE: Meter Replacement & Health  
To: "Sasenarine Persaud" <[sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)>  
Cc: "Whale, Bill T." <[wtwhale@tecoenergy.com](mailto:wtwhale@tecoenergy.com)>, "Proulx, Megan A." <[maproulx@tecoenergy.com](mailto:maproulx@tecoenergy.com)>  
Date: Sunday, November 6, 2011, 9:40 AM

Dear Mr. Persaud,

I appreciate the opportunity to address your concerns. You requested that Tampa Electric replace the automated meter, also called an AMR meter, with a non-AMR meter.

Tampa Electric has decided to temporarily honor your request. We will replace your existing AMR meter with a digital non-AMR meter. This is not an official "opt out," and it remains a temporary solution. This is the most expedient solution available, and hopefully it will address your concerns while Tampa Electric continues to investigate other alternatives.

The meter we will install is a digital meter, but it does not contain the radio-frequency transmitter that is typical in AMR meters. Because analog meters are no longer manufactured, this is an equivalent replacement for an analog meter. We expect to replace the meter on your home on

11/08/2011.

I would also like to encourage you to visit our newly updated website [www.tampaelectric.com/resources/meters/amr/](http://www.tampaelectric.com/resources/meters/amr/). This website provides our customers with up-to-date information regarding this technology, along with answering our customers' most frequently asked questions. I also encourage you to check back to the website occasionally for updates.

Sincerely

Wesley Caldwell

Meter Operations Engineer

Tampa Electric Company

813.275.3078

---

**From:** Sasenarine Persaud [mailto:sasenarinepersaud@yahoo.com]

**Sent:** Wednesday, November 02, 2011 11:39 PM

**To:** Caldwell Jr, Wesley W.

**Cc:** Proulx, Megan A.; Whale, Bill T.; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; Attal III, Charles A.; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; art.graham@psc.state.fl.us; eduardo.balbis@psc.state.fl.us; commissioner.brown@psc.state.fl.us; lisa.edgar@psc.state.fl.us; contact@psc.state.fl.us; ronald.brise@psc.state.fl.us; marshall.willis@psc.state.fl.us; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov; CustomerExperienceCenter@us.ul.com

**Subject:** Meter Replacement & Health

November 2, 2011

Dear Mr. Caldwell,

Thank you for your response and your offer to discuss TECO re-installing my analogue meter—after replacing it without my permission and despite my request not to do so in my original email of September 18, 2011, and installing/unleashing a “smart” (AMR) meter” that radiates my home and family.

At this point, my preference is that all such “discussions” and correspondence between us (i.e. Sasenarine Persaud and you as representative of TECO) be documented, i.e. be done in writing.

My “concern” with the RF device (Itron Centron C1SR meter) installed on my property, in a sentence, is this: the safety and health of my family; the right of my family to inhabit our property without the damaging radiofrequency radiation emitted by such meters; and my right to privacy—with health and safety first.

Smart meters such as the Itron Centron meter installed on my property uses wireless communications to send and receive data with a utility company. This produces significant levels of radiofrequency (RF) microwave radiation in homes. This is a similar type of radiation as produced by cell-phones and other wireless devices, now known to be a health risk for cancer, migraines, heart palpitations, dizziness, sleep disturbances and more. As I pointed out in my first correspondence (September 18, 2011) to you, The World Health Organization has “classified radiofrequency electromagnetic fields as possibly carcinogenic to humans (Group 2B), based on

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an increased risk for glioma, a malignant type of brain cancer, associated with wireless phone use."

I am already starting to experience headaches that I've never experienced before.

While I have several computers in my home, I do not have wireless connections. All my computers are hard-wired. And this can be verified by my Internet provider.

Let me repeat: I do not have any wireless computers in my home.

The Itron Centron meter installed on my home does not show any mark or certification that it is UL listed. Can your confirm that it is/is not UL listed? As you are aware, a UL listed product is one that has been tested for safety by Underwriters Laboratories or an authorized licensee of UL. This product has not been so certified and is unsafe.

Why, therefore, would I want any equipment that produces significant radiofrequency (RF) microwave radiation (known to be a possible carcinogen) and which is not UL listed to be attached to my home?

In short, I am asking that TECO consider my safety and the safety of my family and re-install the analogue meter that was removed last Saturday (October 29, 2011), pending a safe alternative such as (as I have done with my home computers) (a) a hardwired option (my neighborhood is wired for fiber-optic) or (b) an opt out as provided by other utilities in the USA.

There are multiple studies/[i][i] that show the adverse effects on health of electromagnetic fields and radiofrequency radiation (such as that produced by the meter installed on my home)—see notes below.

I draw to your attention to the Following:

(1) PG&E, California's largest Investor Owned Utility has started replacing "smart meters" with analogue meters for residents with health concerns.

<http://www.indybay.org/newsitems/2011/11/01/18696555.php>

(2) The landmark decision earlier this year by Maine Public Utilities Commission (MPUC) that ruled (after litigation by residents) that it was unjust and an unreasonable practice for Central Maine Power Company (CMP) to refuse to permit residential and small commercial customers to opt-out of CMP's smart meter program <http://www.skelontaintorabbott.net/news/85/77/Skelton-Taintor-Abbott-Wins-Landmark-Smart-Meter-Case.html>

In summary: There is a easy solution; I am asking that TECO, due to health/ safety reasons for my family (I am already experiencing headaches I've never had), re-install the analogue meter that was removed last Saturday (October 29, 2011) pending a safe alternative such as (as I have done with my home computers) a hardwired option (my neighborhood is wired for fiber-optic), or an opt out as provided by other utilities in the USA.

I look forward to your advising when TECO will replace my Itron Centron meter with an analogue meter (such as the one that was on my property until October 29, 2011). If you still wish to speak with me, please let me know and we can set up a time for this next week. But, again, my preference is for documented discussion such as this.

Regards,

Sasenarine Persaud

Sasenarine Persaud

18028 Birdwater Drive

Tampa, FL 33647

Email: [sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)

Sasenarine Persaud is the author of 10 books of fiction and poetry. His awards include: The KM Hunter Foundation Award (Toronto), the Arthur Schomburg Award (New York); 2 Canada Council Poetry Awards, a fiction award from the Ontario Arts Council, and fellowships from the University of Miami and Boston University. He has a Master's from Boston University. His most recent books are *In a Boston Night* (2008) and *Lantana Strangling Ixora* (Fall 2011). His Selected Poems will be published in the UK/Caribbean in 2011. His work has been published in 8 countries, spanning 4 continents and is used in colleges and universities in Canada, England, India, the Caribbean, and the United States.

---

[http://transition.fcc.gov/Bureaus/Engineering\\_Technology/Documents/bulletins/oet56/oet56e4.pdf](http://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet56/oet56e4.pdf)

*"There are many published reports in the scientific literature concerning possible biological effects resulting from animal or human exposure to RF energy. The following discussion only provides highlights of current knowledge, and it is not meant to be a complete review of the scientific literature in this complex field. A number of references are listed at the end of this document that provide further information and details concerning this topic and some recent research reports that have been published (References 1, 3, 6, 7, 9, 14, 15-19, 21, 25, 26, 28-31, 34, 36, 39-41, 47, 49 and 53).*

**More recently**, other scientific laboratories in North America, Europe and elsewhere have reported certain biological effects after exposure of animals ("in vivo") and animal tissue ("in vitro") to relatively low levels of RF radiation. These reported effects have included certain changes in the immune system, neurological effects, behavioral effects, evidence for a link between microwave exposure and the action of certain drugs and compounds, a "calcium efflux" effect in brain tissue (exposed under very specific conditions), and effects on DNA. In general, while the possibility of "non-thermal" biological effects may exist, whether or not such effects might indicate a human health hazard is not presently known. Further research is needed to determine the generality of such effects and their possible relevance, if any, to human health."

**FCC says further research is needed, not that exposure is known to be safe.**

In 2008, FDA directed the National Academy of Sciences to identify research needs and gaps in knowledge regarding the biological effects of exposure to RF energy from wireless communications devices. Among other research needs, the Academy found: [http://www.nap.edu/openbook.php?record\\_id=12036&page=1](http://www.nap.edu/openbook.php?record_id=12036&page=1)

**"The committee judged that important research needs included, in order of appearance in the text, the**

following:

- Characterization of exposure to juveniles, children, pregnant women, and fetuses from personal wireless devices and RF fields from base station antennas.
- Characterization of radiated electromagnetic fields for typical multiple element base station antennas and exposures to affected individuals.
- Prospective epidemiologic cohort studies of children and pregnant women.
- Epidemiologic case-control studies and childhood cancers, including brain cancer.
- Prospective epidemiologic cohort studies of adults in a general population and retrospective cohorts with medium to high occupational exposures.
- Human laboratory studies that focus on possible adverse effects on electroencephalography activity and that include a sufficient number of subjects.
- Investigation of the effect of RF electromagnetic fields on neural networks.
- Evaluation of doses occurring on the microscopic level.
- Additional experimental research focused on the identification of potential biophysical and biochemical/molecular mechanisms of RF action."

Why would you think it is a good idea to put a wireless RF/MW radiator on every home when you could have chosen to hard-wire them instead? Since the National Academy's scientists can not say wireless microwave exposure is safe, TECO certainly can not! **Can TECO provide any scientific evidence showing that exposure to their meters has been studied in long-term safety studies and proven safe?** There are numerous peer-reviewed scientific studies indicating this exposure is not safe, and there are many expert opinions such as those of Dr. Martin Blank, Dr. David O. Carpenter, Dr. Magda Havas.

--- On Tue, 11/1/11, Caldwell Jr. Wesley W. <WWCaldwell@tecoenergy.com> wrote:

From: Caldwell Jr. Wesley W. <WWCaldwell@tecoenergy.com>  
 Subject: RE:  
 To: "'Sasenarine Persaud'" <sasenarinepersaud@yahoo.com>  
 Date: Tuesday, November 1, 2011, 10:22 AM

Dear Mr. Persaud,

Can you please provide a contact telephone number and a time when you would be available to discuss your concerns about the meter replacement?

Thanks in advance,

Wes Caldwell

---

**From:** Sasenarine Persaud [mailto:sasenarinepersaud@yahoo.com]  
**Sent:** Saturday, October 29, 2011 3:00 PM  
**To:** Caldwell Jr, Wesley W.  
**Cc:** Proulx, Megan A.; Whale, Bill T.; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; Attal III, Charles A.; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org;

11/7/2011

khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org;  
art.graham@psc.state.fl.us; eduardo.balbis@psc.state.fl.us; commissioner.brown@psc.state.fl.us;  
lisa.edgar@psc.state.fl.us; ronald.brise@psc.state.fl.us; marshall.willis@psc.state.fl.us; bill@billnelson.senate.gov;  
marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us;  
environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us;  
dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov;  
cdcinfo@cdc.gov; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com  
**Subject:**

Dear Mr. Caldwell,

*This morning, while my household was not up, TECO replaced my analogue meter with an Itron AMR meter, despite my previous request to you (please refer to my emails of Spetember 18, 2011 and September 28, 2011 and your response of September 18) not to do so for health and safety reasons for my family, despite my request for an opt out (for which I was willing to) and my offer to read my analogue meter FOR FREE for TECO (a task which any middle schooler can do).*

*I am requesting you to remove the Itron AMR meter forthwith and replace it with the analogue meter which was on my house up to this morning.*

*My concerns for health and safety are the same as Ms. Rubin--please refer to her emails below and your response of October 9, 2011 in which you agreed to allow her to keep her existing analogue meter pending alternative options.*

- *I asking to be treated as equitably as Ms. Rubin in this regard.*
- *I am requesting an opt out as in other areas of the US and/or*
- *a wired option*
- *That you remove the Itron AMR meter placed on my house this morning, with the previous analogue meter pending alternative option.*

Thank you.

Sasenarine Persaud

18028 Birdwater Drive

Tampa, FL 33647

Email: [sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)

Sasenarine Persaud is the author of 10 books of fiction and poetry. His awards include: The KM Hunter Foundation Award (Toronto), the Arthur Schomburg Award (New York) and fellowships from the University of Miami and Boston University, from which he has a Master's degree. His most recent book is *In a Boston Night*. His work has been published in 8 countries, spanning 4 continents and is taught in colleges and universities in Canada, England, India, the Caribbean, and the United States.

From: WWCaldwell@tecoenergy.com  
To: mamarubin@msn.com  
CC: maproulx@tecoenergy.com  
Date: Sun, 9 Oct 2011 20:21:16 -0400  
Subject: RE: 2nd Written Request for Information regarding AMR meter Installation

Dear Mrs. Rubin,

Thank you for your response. Tampa Electric is committed to providing safe, reliable electricity to all of our customers. Hearing your concerns, we will leave your existing meter in place as we investigate alternative options. We will continue to investigate your questions and provide additional information as appropriate.

Best Regards,

Wes Caldwell

Meter Operations Engineer

O: 813.275.3078

---

From: DEBORAH RUBIN [mailto:mamarubin@msn.com]  
Sent: Tuesday, October 04, 2011 12:34 PM  
To: Caldwell Jr, Wesley W; Whale, Bill T.; Proulx, Megan A; DEBORAH RUBIN  
Subject: 2nd Written Request for Information regarding AMR meter Installation

Dear Mr. Caldwell, Mr. Whale, and Ms. Proulx,

In an effort to better understand the new AMR meters TECO is currently installing in my neighborhood and intends to install on my home against my will in the near future, I once again ask you to please answer the questions in my email below? I will restate them for clarification.

1. What is the amount of time the meters will be transmitting daily.

Tampa Electric has two AMR meters that transmit at different rates. Both meters transmit randomly for a duration of 10 milliseconds (0.010 seconds):

- One meter transmits approximately every 5 seconds
  - o The total daily transmission time for this meter would be about 173 seconds, or less than 3 minutes per day
- The other meter transmits approximately every 30 seconds.
  - o The total daily transmission time for this meter would be about 29 seconds.

2. Will the meters be transmitting simultaneous to my neighbors or in a staggered pattern?

The transmissions from the meters are random and based upon a proprietary manufacturer algorithm. While it is possible that multiple meters could transmit simultaneously, it is highly unlikely, because the meters are not synchronized and the algorithm constantly changes the time between transmissions. [so here, i am thinking i could be irradiated at irregular intervals every second or so; there is no real way to know until the meters are in and i can measure. there is really no way to understand the full impact before the smartgrid is fully implemented. i am alleging that this is the ultimate plan of TECO. I do not believe they do not have a plan]

11/7/2011

3. Can the AMR meter be converted to AMI, advanced metering infrastructure?

It is possible to convert the AMR meters to a form of AMI but it is very costly. To date, no utilities have undertaken large scale conversion of AMR meters to AMI meters because of the costs and the limited capability of the converted meter.

I would add:

3. Has TECO begun planning or deploying the infrastructure necessary for AMI in the Tampa area?

Tampa Electric Company has begun a strategic initiative to evaluate deployment for a "Smart Grid", which may include AMI. However, the company has not made a decision on whether to pursue the technology. Tampa Electric has not deployed any AMI infrastructure in the field at this time.

You have stated rather generally in an email to me: "Tampa Electric Company has not decided whether to deploy AMI meters at this time."

Does that mean you have not decided to deploy AMI at this time, or that as of this time, you have made no decision about ever installing AMI. Your answer is unclear to me. Your interview with Metering seems to say something different: "In preparing for the future, we are trying to implement strategic pilots to test AMI technology and to identify the changes we are going to have to make to our processes and enterprise systems for AMI...We've also started discussing emerging meter technology with our senior leadership. The Vice President of Energy Delivery, Bill Whale, determined the need to involve different segments of leadership in strategy development. He formed what we call the Smart Grid Initiative Coordination Team, a cross-disciplined team which includes members from telecom, IT, metering, customer service, distribution system service, security, and regulatory – everybody basically has a seat on the team. The team has been listening to presentations, gathering information, and has started to develop business cases for further implementation of AMI. It's not going to be focused on the meter; the big cost is going to be in the infrastructure and the changes to enterprise systems."

5. Are certified electricians installing the AMR meters?

The AMR meters are being installed by trained, utility installers. All of the installers are employees of Tampa Electric Company.

Thank you.

Deborah M. Rubin

Link to Metering interview: <http://www.metering.com/node/14200>

---

From: mamarubin@msn.com  
To: wwcaldwell@tecoenergy.com; wtwhale@tecoenergy.com; maproulx@tecoenergy.com  
Subject: A few more questions  
Date: Wed, 28 Sep 2011 10:26:08 -0500

Dear Mr. Caldwell,

When we spoke yesterday on the phone, you mentioned the total amount of time the new AMR meters will be transmitting each day. Would you please tell me that amount again? Will all of the meters be transmitting simultaneously or at different times? I'm wondering if my meter will transmit simultaneous to my neighbors, or if I can expect to be exposed to my signal every 4-6 seconds and theirs in between my own meter's pulses.

11/7/2011

*Also, is it possible for the new AMR meters to be converted to AMI meters?*

*Thank you very much. I sincerely hope you and everyone copied here watched the Martin Blank video. He gets off to a rough start, but is a bastion of information.*

*Sincerely,*

*Deborah M. Rubin*

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NOTICE: This email is intended only for the individual(s) to whom it is addressed and may contain confidential information. If you have received this email by mistake, please notify the sender immediately, delete this email from your system and do not copy or disclose it to anyone else. Although we take precautions to protect against viruses, we advise you to take your own precautions to protect against viruses as we accept no liability for any which remain.

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**[i][i]** There is documentation by way of letters/testimonials from expert scientists who research and study the effects of electromagnetic fields on health, stating that this type of exposure is demonstrated repeatedly in the scientific literature to cause adverse biological effects. Various mechanisms have been identified. FCC even admits on its own website that these studies exist, that in the recent literature the studies are increasingly finding effects, and that more research is needed. These studies, referenced in the FCC text, can be found at the link below:

11/7/2011

**Ann Cole**

FPSC, CLK - CORRESPONDENCE  
 \_Administrative Parties ✓ Consumer  
 DOCUMENT NO. 20623-11  
 DISTRIBUTION: \_\_\_\_\_

**From:** Ann Cole  
**Sent:** Thursday, November 03, 2011 9:29 AM  
**To:** Art Graham  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Diamond Williams  
**Subject:** RE: PG&E Begins Removing Smart Meters

<b>Tracking: Recipient</b>	<b>Read</b>
Art Graham	
Commissioners Advisors	
Administrative Assistants - Commission Suite	
Diamond Williams	
Roberta Bass	Read: 11/3/2011 9:29 AM
Katherine Fleming	Read: 11/3/2011 9:32 AM
Cristina Slaton	Read: 11/3/2011 10:21 AM
Pamela Paultre	Read: 11/3/2011 10:30 AM

Thanks, Betty. This information will be placed in Docket Correspondence, Consumers and their Representatives, in Docket No. 110000-OT.

---

**From:** Betty Leland **On Behalf Of** Art Graham  
**Sent:** Thursday, November 03, 2011 8:06 AM  
**To:** Ann Cole  
**Cc:** Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian  
**Subject:** FW: PG&E Begins Removing Smart Meters

Ann:

Please place the attached e-mail in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks.

---

**From:** DEBORAH RUBIN [mailto:mamarubin@msn.com]  
**Sent:** Wednesday, November 02, 2011 8:42 PM  
**To:** congressmanbilirakis@address-verify.com; teco meterman; caattal@tecoenergy.com; shawn.harrison@myfloridahouse.gov; maproulx@tecoenergy.com; DEBORAH RUBIN; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; lrials@greenacreproperties.com; rick.scott@eog.myflorida.com; dean.cannon@myfloridahouse.gov; bill@billnelson.senate.gov; bill.nelson@senate.gov; Art Graham; Eduardo Balbis; Office of Commissioner Brown; Lisa Edgar; Ronald Brisé; Marshall Willis; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov; wtwhale@tecoenergy.com

11/3/2011



**Subject:** FW: PG&E Begins Removing Smart Meters

Dear Administrators,

News from California regarding PG&E and what will hopefully be the beginning of more smart meter removals there. Progress Energy in Florida has agreed to remove microwave emitting digital meters at customer request, at least for the time being.

All Florida Utilities, TECO included, should provide a permanent opt-out or wired fiber optic--*as opposed to broadband over powerlines or BPL*--meter choice to their customers. Every single legal decision requiring utilities to provide a customer option out or declaring a ban or moratorium on smart meter deployments has recognized the health hazard posed by exposure to wireless microwave/radiofrequency radiation.

The 2009/2010 President's Cancer Panel has [1], identified non-ionizing electromagnetic radiation, such as that emitted by wireless digital and "smart" meters, as one of several environmental toxins that many experts believe are the cause of increased cancer rates. This report concludes by recommending "a precautionary prevention-oriented approach over the reactionary approach to environmental contaminants in which human harm must be proven before action is taken to reduce or eliminate exposure."

<!--[if !supportFootnotes]-->

<!--[endif]-->

<!--[if !supportFootnotes]-->[1]<!--[endif]--> **U.S. Presidential Cancer Panel Report, "Reducing Environmental Cancer Risk, What We Can Do Now? 2009-10. [http://deainfo.nci.nih.gov/advisory/pcp/annualReports/pcp08-09rpt/PCP\\_Report\\_08-09\\_508.pdf](http://deainfo.nci.nih.gov/advisory/pcp/annualReports/pcp08-09rpt/PCP_Report_08-09_508.pdf).**

**Therefore, a mass deployment of more wireless microwave-emitting devices and infrastructure at this time is contraindicated, irresponsible, imprudent, and possibly negligent of customer safety.**

Sincerely,

Deborah M. Rubin

## PG&E Begins Removing Smart Meters

2011 November 2

Posted by Steve Beckow



FOR IMMEDIATE RELEASE  
StopSmartMeters.Org  
Tuesday, November 1st 2011

Contact: Joshua Hart,  
info@stopsmartmeters.org

**PG&E BEGINS REMOVING 'SMART' METERS DUE TO HEALTH EFFECTS**

11/3/2011

## Widening Call for Immediate Return of Analogs; Disconnection of "Mesh" Wireless Network

SANTA CRUZ, CA.—Just as PG&E enters the final phase of its deployment of wireless "smart" meters in California, the largest of the state's Investor Owned Utilities (IOU's) has reversed course, quietly beginning to replace the 'smart' meters of those reporting health impacts with the old trusty analog version. Consumer rights and health groups immediately seized on the news, demanding that millions of Californians unhappy with their new wireless meters get their analogs returned immediately at no cost

'Smart' meters are new wireless utility meters being installed as part of the "smart" grid initiative, spearheaded by technology firms and backed by the Obama administration and the Department of Energy. Promises ranging from lower utility bills to enhanced renewable generation capacity have failed to materialize, with widespread reports of higher bills, privacy violations, fires and explosions, and commonly reported health impacts such as headaches, nausea, tinnitus, and heart problems associated with powerful wireless transmissions. Widely disparate political groups- from members of the Green Party to the Tea Party and Occupy protesters have attacked the program, and dozens of grassroots organizations have sprouted up over the past several months to fight what they call an undemocratic, unconstitutional and dangerous assault on people in their own homes and neighborhoods. Dozens of people have been detained or arrested for peaceful civil disobedience and even simply speaking out against deployments.[1]

In California, more than 47 cities and counties have demanded a halt to installation, and a dozen local governments have passed laws prohibiting the controversial technology. [2] The 'smart' meter issue has further angered a public already seething at the utilities over repeated gas explosions, safety breaches at nuclear reactors, and an increasingly extortionate rate structure. Word of California's 'smart' meter nightmare has spread across the country and around the world, prompting some utilities to place smart meter plans on hold, and recently Nevada's PUC to call for investigations into the health effects and other smart meter problems.[3]

Now in a dramatic turnaround that could signal the beginning of a widespread recall of wireless 'smart' meters, on October 28th PG&E re-installed a classic spinning disc analog meter on the home of Santa Cruz, CA resident Caitlin Phillips, who had been suffering headaches and other symptoms from her 'smart' meter. The move comes in response to verbal directives from the California Public Utilities Commission President Michael Peevey, who recently told members of the public that the utility "will provide for you to go back to the analog meter if that's your choice." The CPUC has been slow to respond to thousands of ordinary citizens reporting health effects from the new meters.

When a Wellington Energy installer (contracted with PG&E) came to install a smart meter at her home, Caitlin asked the installer to get off her property and not install, because of what a neighbor had told her about possible health damage and privacy violations. "When I returned home later, I discovered a smart meter on my house. That night I awoke to severe anxiety, headache, and buzzing in my teeth, and realized the new smart meter was on the other side of the wall from my bed." Caitlin reported her experience to PG&E and the CPUC, who both declined to rectify the situation. When the symptoms persisted, Caitlin sought the assistance of the Scotts Valley based group Stop Smart Meters! who provided an analog meter and referred her to a professional who could help her remove her 'smart' meter. As soon as the analog was installed, Caitlin's symptoms disappeared.

Frustrated and outraged about her treatment by the utility and the PUC, Caitlin travelled to San Francisco to speak at a commission meeting on Oct. 20th. About a week later, PG&E crews were at her house replacing her temporary analog meter with a brand new official PG&E analog meter. This is believed to be the first time PG&E have willingly replaced an analog meter on the home of someone suffering from health effects.[4]

An "opt-out" proceeding overseen by an Administrative Law Judge is underway at the CA Public Utilities Commission, yet those suffering (in some cases severe) health impacts have been stuck in limbo as utilities refuse to remove the harmful meters upon request- until now.

"There are hundreds of thousands- if not millions- of people suffering in their homes from forced 'smart' meter radiation," said Joshua Hart, Director of the grassroots organization Stop Smart Meters! "The utilities and PUC's must respond promptly to all requests that analogs be returned. The alternative is that people will increasingly turn to independent professionals to remove unwanted 'smart' meters from their homes, a reasonable action we assert is within our legal rights. Protecting your family's health is not tampering."

PG&E and other utilities have also been responding to health complaints by replacing wireless 'smart' meters with digital meters that are "wireless-ready." These digital meters have been associated with health problems from "dirty electricity" frequencies that pass into a home via the electrical wiring. These "trojan horse" meters have been roundly rejected by those who report continuing health impacts after installation. Susan Brinchman, Director of San Diego based Center for Electrosmog Prevention. said "At this point, the burden of responsibility is on the utilities to demonstrate that any new meter they want to install on our homes is safe. Communities have the right to retain analog meters at no extra charge. Period."

[1] <http://sanfrancisco.cbslocal.com/2010/12/29/2-arrests-at-pge-smartmeter-protest-in-marin-county/>

[2] Full list of opposed local governments: <http://stopsmartmeters.org/how-you-can-stop-smart-meters/sample-letter-to-local-government/ca-local-governments-on-board/>

[3] <http://www.lasvegassun.com/news/2011/oct/25/nv-energys-smart-meters-be-investigated/>

[4] Video of the switchout can be viewed at: <http://www.youtube.com/watch?v=4IjC4BEZxLg>

-

Ann Cole

FPSC, CLK - CORRESPONDENCE  
\_Administrative\_Parties\_ConsumerDOCUMENT NO. 00623-11  
DISTRIBUTION: \_\_\_\_\_

**From:** Ann Cole  
**Sent:** Thursday, November 03, 2011 9:29 AM  
**To:** Betty Leland  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Diamond Williams  
**Subject:** RE: Meter Replacement & Health

Tracking: Recipient	Read
Betty Leland	
Commissioners Advisors	
Administrative Assistants - Commission Suite	
Diamond Williams	
Roberta Bass	Read: 11/3/2011 9:29 AM
Katherine Fleming	Read: 11/3/2011 9:32 AM
Pamela Paultre	Read: 11/3/2011 9:32 AM
Cristina Slaton	Read: 11/3/2011 10:21 AM

Thanks, Betty. This information will also be placed in Docket Correspondence, Consumers and their Representatives, in Docket No. 110000-OT.

---

**From:** Betty Leland  
**Sent:** Thursday, November 03, 2011 8:07 AM  
**To:** Ann Cole  
**Cc:** Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian  
**Subject:** FW: Meter Replacement & Health

Ann:

Please place the attached e-mail in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks.

---

**From:** Sasenarine Persaud [mailto:sasenarinepersaud@yahoo.com]  
**Sent:** Wednesday, November 02, 2011 11:39 PM  
**To:** Wesley W. Caldwell Jr  
**Cc:** maproulx@tecoenergy.com; wtwhale@tecoenergy.com; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; cattal@tecoenergy.com; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; Art Graham; Eduardo Balbis; Office of Commissioner Brown; Lisa Edgar; Consumer Contact; Ronald Brisé; Marshall Willis; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us;

11/3/2011

informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov; CustomerExperienceCenter@us.ul.com

**Subject:** Meter Replacement & Health

November 2, 2011

Dear Mr. Caldwell,

Thank you for your response and your offer to discuss TECO re-installing my analogue meter—after replacing it without my permission and despite my request not to do so in my original email of September 18, 2011, and installing/unleashing a “smart” (AMR) meter” that radiates my home and family.

At this point, my preference is that all such “discussions” and correspondence between us (i.e. Sasenarine Persaud and you as representative of TECO) be documented, i.e. be done in writing.

My “concern” with the RF device (Itron Centron C1SR meter) installed on my property, in a sentence, is this: the safety and health of my family; the right of my family to inhabit our property without the damaging radiofrequency radiation emitted by such meters; and my right to privacy—with health and safety first.

Smart meters such as the Itron Centron meter installed on my property uses wireless communications to send and receive data with a utility company. This produces significant levels of radiofrequency (RF) microwave radiation in homes. This is a similar type of radiation as produced by cell-phones and other wireless devices, now known to be a health risk for cancer, migraines, heart palpitations, dizziness, sleep disturbances and more. As I pointed out in my first correspondence (September 18, 2011) to you, The World Health Organization has “classified radiofrequency electromagnetic fields as possibly carcinogenic to humans (Group 2B), based on an increased risk for glioma, a malignant type of brain cancer, associated with wireless phone use.”

I am already starting to experience headaches that I’ve never experienced before.

While I have several computers in my home, I do not have wireless connections. All my computers are hard-wired. And this can be verified by my Internet provider.

Let me repeat: I do not have any wireless computers in my home.

The Itron Centron meter installed on my home does not show any mark or certification that it is UL listed. Can you confirm that it is/is not UL listed? As you are aware, a UL listed product is one that has been tested for safety by Underwriters Laboratories or an authorized licensee of UL. This product has not been so certified and is unsafe.

Why, therefore, would I want any equipment that produces significant radiofrequency (RF) microwave radiation (known to be a possible carcinogen) and which is not UL listed to be attached to my home?

In short, I am asking that TECO consider my safety and the safety of my family and re-install the analogue meter that was removed last Saturday (October 29, 2011), pending a safe alternative such as (as I have done with my home computers) (a) a hardwired option (my neighborhood is wired for fiber-optic) or (b) an opt out as provided by other utilities in the USA.

There are multiple studies<sup>[1]</sup> that show the adverse effects on health of electromagnetic fields and radiofrequency radiation (such as that produced by the meter installed on my home)—see notes below.

I draw to your attention to the Following:

11/3/2011

(1) PG&E, California's largest Investor Owned Utility has started replacing "smart meters" with analogue meters for residents with health concerns.

<http://www.indybay.org/newsitems/2011/11/01/18696555.php>

(2) The landmark decision earlier this year by Maine Public Utilities Commission (MPUC) that ruled (after litigation by residents) that it was unjust and an unreasonable practice for Central Maine Power Company (CMP) to refuse to permit residential and small commercial customers to opt-out of CMP's smart meter program <http://www.skeltonaintorabbott.net/news/85/77/Skelton-Taintor-Abbott-Wins-Landmark-Smart-Meter-Case.html>

In summary: There is a easy solution; I am asking that TECO, due to health/ safety reasons for my family (I am already experiencing headaches I've never had), re-install the analogue meter that was removed last Saturday (October 29, 2011) pending a safe alternative such as (as I have done with my home computers) a hardwired option (my neighborhood is wired for fiber-optic), or an opt out as provided by other utilities in the USA.

I look forward to your advising when TECO will replace my Itron Centron meter with an analogue meter (such as the one that was on my property until October 29, 2011). If you still wish to speak with me, please let me know and we can set up a time for this next week. But, again, my preference is for documented discussion such as this.

Regards,

Sasenarine Persaud

Sasenarine Persaud  
18028 Birdwater Drive  
Tampa, FL 33647

Email: [sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)

Sasenarine Persaud is the author of 10 books of fiction and poetry. His awards include: The KM Hunter Foundation Award (Toronto), the Arthur Schomburg Award (New York); 2 Canada Council Poetry Awards, a fiction award from the Ontario Arts Council, and fellowships from the University of Miami and Boston University. He has a Master's from Boston University. His most recent books are *In a Boston Night* (2008) and *Lantana Strangling Ixora* (Fall 2011). His Selected Poems will be published in the UK/Caribbean in 2011. His work has been published in 8 countries, spanning 4 continents and is used in colleges and universities in Canada, England, India, the Caribbean, and the United States.

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[i] There is documentation by way of letters/testimonials from expert scientists who research and study the effects of electromagnetic fields on health, stating that this type of exposure is demonstrated repeatedly in the scientific literature to cause adverse biological effects. Various mechanisms have been identified. FCC even admits on its own website that these studies exist, that in the recent literature the studies are increasingly finding effects, and that more research is needed. These studies, referenced in the FCC text, can be found at the link below:

[http://transition.fcc.gov/Bureaus/Engineering\\_Technology/Documents/bulletins/oet56/oet56e4.pdf](http://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet56/oet56e4.pdf)

*"There are many published reports in the scientific literature concerning possible biological effects resulting from animal or human exposure to RF energy. The following discussion only provides highlights of current knowledge, and it is not meant to be a complete review of the scientific literature in this complex field. A number of references are listed at the end of this document that provide further information and details concerning this topic and some recent research reports that have been published (References 1, 3, 6, 7, 9, 14, 15-19, 21, 25, 26, 28-31, 34, 36, 39-41, 47, 49 and 53).*

11/3/2011

**More recently**, other scientific laboratories in North America, Europe and elsewhere have reported certain biological effects after exposure of animals ("in vivo") and animal tissue ("in vitro") to relatively low levels of RF radiation. These reported effects have included certain changes in the immune system, neurological effects, behavioral effects, evidence for a link between microwave exposure and the action of certain drugs and compounds, a "calcium efflux" effect in brain tissue (exposed under very specific conditions), and effects on DNA.

*In general, while the possibility of "non-thermal" biological effects may exist, whether or not such effects might indicate a human health hazard is not presently known. Further research is needed to determine the generality of such effects and their possible relevance, if any, to human health."*

**FCC says further research is needed, not that exposure is known to be safe.**

In 2008, FDA directed the National Academy of Sciences to identify research needs and gaps in knowledge regarding the biological effects of exposure to RF energy from wireless communications devices. Among other research needs, the Academy found: [http://www.nap.edu/openbook.php?record\\_id=12036&page=1](http://www.nap.edu/openbook.php?record_id=12036&page=1)

**"The committee judged that important research needs included, in order of appearance in the text, the following:**

- **Characterization of exposure to juveniles, children, pregnant women, and fetuses from personal wireless devices and RF fields from base station antennas.**
- **Characterization of radiated electromagnetic fields for typical multiple element base station antennas and exposures to affected individuals.**
- **Prospective epidemiologic cohort studies of children and pregnant women.**
- **Epidemiologic case-control studies and childhood cancers, including brain cancer.**
- **Prospective epidemiologic cohort studies of adults in a general population and retrospective cohorts with medium to high occupational exposures.**
- **Human laboratory studies that focus on possible adverse effects on electroencephalography activity and that include a sufficient number of subjects.**
- **Investigation of the effect of RF electromagnetic fields on neural networks.**
- **Evaluation of doses occurring on the microscopic level.**
- **Additional experimental research focused on the identification of potential biophysical and biochemical/molecular mechanisms of RF action."**

Why would you think it is a good idea to put a wireless RF/MW radiator on every home when you could have chosen to hard-wire them instead? Since the National Academy's scientists can not say wireless microwave exposure is safe, TECO certainly can not! **Can TECO provide any scientific evidence showing that exposure to their meters has been studied in long-term safety studies and proven safe?** There are numerous peer-reviewed scientific studies indicating this exposure is not safe, and there are many expert opinions such as those of Dr. Martin Blank, Dr. David O. Carpenter, Dr. Magda Havas.

--- On Tue, 11/1/11, Caldwell Jr, Wesley W. <WWCaldwell@tecoenergy.com> wrote:

From: Caldwell Jr, Wesley W. <WWCaldwell@tecoenergy.com>  
 Subject: RE:  
 To: "Sasnarine Persaud" <sasnarinepersaud@yahoo.com>  
 Date: Tuesday, November 1, 2011, 10:22 AM

Dear Mr. Persaud,

Can you please provide a contact telephone number and a time when you would be available to discuss your concerns about the meter replacement?

Thanks in advance,

Wes Caldwell

---

**From:** Sasenarine Persaud [mailto:sasenarinepersaud@yahoo.com]

**Sent:** Saturday, October 29, 2011 3:00 PM

**To:** Caldwell Jr, Wesley W.

**Cc:** Proulx, Megan A.; Whale, Bill T.; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; Attal III, Charles A.; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; art.graham@psc.state.fl.us; eduardo.balbis@psc.state.fl.us; commissioner.brown@psc.state.fl.us; lisa.edgar@psc.state.fl.us; ronald.brise@psc.state.fl.us; marshall.willis@psc.state.fl.us; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov; Robin.Ringeisen@myfloridahouse.gov; teamwill@willweatherford.com; info@willweatherford.com

**Subject:**

Dear Mr. Caldwell,

This morning, while my household was not up, TECO replaced my analogue meter with an Itron AMR meter, despite my previous request to you (please refer to my emails of Spetember 18, 2011 and September 28, 2011 and your response of September 18) not to do so for health and safety reasons for my family; despite my request for an opt out (for which I was willing to) and my offer to read my analogue meter FOR FREE for TECO (a task which any middle schooler can do).

I am requesting you to remove the Itron AMR meter forthwith and replace it with the analogue meter which was on my house up to this morning.

My concerns for health and safety are the same as Ms. Rubin--please refer to her emails below and your response of October 9, 2011 in which you agreed to allow her to keep her existing analogue meter pending alternative options.

- I asking to be treated as equitably as Ms. Rubin in this regard.
- I am requesting an opt out as in other areas of the US and/or
- a wired option

11/3/2011



- That you remove the Itron AMR meter placed on my house this morning, with the previous analogue meter pending alternative option.

Thank you,

Sasenarine Persaud

18028 Birdwater Drive

Tampa, FL 33647

Email: [sasenarinepersaud@yahoo.com](mailto:sasenarinepersaud@yahoo.com)

Sasenarine Persaud is the author of 10 books of fiction and poetry. His awards include: The KM Hunter Foundation Award (Toronto), the Arthur Schomburg Award (New York) and fellowships from the University of Miami and Boston University, from which he has a Master's degree. His most recent book is *In a Boston Night*. His work has been published in 8 countries, spanning 4 continents and is taught in colleges and universities in Canada, England, India, the Caribbean, and the United States.

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From: [WWCaldwell@tecoenergy.com](mailto:WWCaldwell@tecoenergy.com)  
To: [mamarubin@msn.com](mailto:mamarubin@msn.com)  
CC: [maproulx@tecoenergy.com](mailto:maproulx@tecoenergy.com)  
Date: Sun, 9 Oct 2011 20:21:16 -0400  
Subject: RE: 2nd Written Request for Information regarding AMR meter Installation

Dear Mrs. Rubin,

Thank you for your response. Tampa Electric is committed to providing safe, reliable electricity to all of our customers. Hearing your concerns, we will leave your existing meter in place as we investigate alternative options. We will continue to investigate your questions and provide additional information as appropriate.

Best Regards,

Wes Caldwell

Meter Operations Engineer

O: 813.275.3078

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From: DEBORAH RUBIN [<mailto:mamarubin@msn.com>]  
Sent: Tuesday, October 04, 2011 12:34 PM  
To: Caldwell Jr, Wesley W.; Whale, Bill T.; Proulx, Megan A.; DEBORAH RUBIN  
Subject: 2nd Written Request for Information regarding AMR meter Installation

11/3/2011

Dear Mr. Caldwell, Mr. Whale, and Ms. Proulx,

In an effort to better understand the new AMR meters TECO is currently installing in my neighborhood and intends to install on my home against my will in the near future, I once again ask you to please answer the questions in my email below? I will restate them for clarification.

1. What is the amount of time the meters will be transmitting daily.

Tampa Electric has two AMR meters that transmit at different rates. Both meters transmit randomly for a duration of 10 milliseconds (0.010 seconds):

- One meter transmits approximately every 5 seconds
  - The total daily transmission time for this meter would be about 173 seconds, or less than 3 minutes per day
- The other meter transmits approximately every 30 seconds.
  - The total daily transmission time for this meter would be about 29 seconds.

2. Will the meters be transmitting simultaneous to my neighbors or in a staggered pattern?

The transmissions from the meters are random and based upon a proprietary manufacturer algorithm. While it is possible that multiple meters could transmit simultaneously, it is highly unlikely, because the meters are not synchronized and the algorithm constantly changes the time between transmissions. [so here, i am thinking i could be irradiated at irregular intervals every second or so; there is no real way to know until the meters are in and i can measure. there is really no way to understand the full impact before the smartgrid is fully implemented. i am alleging that this is the ultimate plan of TECO. I do not believe they do not have a plan]

3. Can the AMR meter be converted to AMI, advanced metering infrastructure?

It is possible to convert the AMR meters to a form of AMI but it is very costly. To date, no utilities have undertaken large scale conversion of AMR meters to AMI meters because of the costs and the limited capability of the converted meter.

I would add:

3. Has TECO begun planning or deploying the infrastructure necessary for AMI in the Tampa area?

Tampa Electric Company has begun a strategic initiative to evaluate deployment for a "Smart Grid", which may include AMI. However, the company has not made a decision on whether to pursue the technology. Tampa Electric has not deployed any AMI infrastructure in the field at this time.

You have stated rather generally in an email to me: "Tampa Electric Company has not decided whether to deploy AMI meters at this time."

Does that mean you have not decided to deploy AMI at this time, or that as of this time, you have made no decision about ever installing AMI. Your answer is unclear to me. Your interview with Metering seems to say something different: "In preparing for the future, we are trying to implement strategic pilots to test AMI technology and

11/3/2011

to identify the changes we are going to have to make to our processes and enterprise systems for AMI....We've also started discussing emerging meter technology with our senior leadership. The Vice President of Energy Delivery, Bill Whale, determined the need to involve different segments of leadership in strategy development. He formed what we call the Smart Grid Initiative Coordination Team, a cross-disciplined team which includes members from telecom, IT, metering, customer service, distribution system service, security, and regulatory – everybody basically has a seat on the team. The team has been listening to presentations, gathering information, **and has started to develop business cases for further implementation of AMI. It's not going to be focused on the meter; the big cost is going to be in the infrastructure and the changes to enterprise systems."**

5. Are certified electricians installing the AMR meters?

The AMR meters are being installed by trained, utility installers. All of the installers are employees of Tampa Electric Company.

Thank you,

Deborah M. Rubin

Link to Metering interview: <http://www.metering.com/node/14200>

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From: mamarubin@msn.com  
To: wwcaldwell@tecoenergy.com; wtwhale@tecoenergy.com; maproulx@tecoenergy.com  
Subject: A few more questions  
Date: Wed, 28 Sep 2011 10:26:08 -0500

Dear Mr. Caldwell,

When we spoke yesterday on the phone, you mentioned the total amount of time the new AMR meters will be transmitting each day. Would you please tell me that amount again? Will all of the meters be transmitting simultaneously or at different times? I'm wondering if my meter will transmit simultaneous to my neighbors, or if I can expect to be exposed to my signal every 4-6 seconds and theirs in between my own meters's pulses.

Also, is it possible for the new AMR meters to be converted to AMI meters?

Thank you very much. I sincerely hope you and everyone copied here watched the Martin Blank video. He gets off to a rough start, but is a bastion of information.

Sincerely,

11/3/2011

Deborah M. Rubin

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NOTICE: This email is intended only for the individual(s) to whom it is addressed and may contain confidential information. If you have received this email by mistake, please notify the sender immediately, delete this email from your system and do not copy or disclose it to anyone else. Although we take precautions to protect against viruses, we advise you to take your own precautions to protect against viruses as we accept no liability for any which remain.

11/3/2011

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Catherine Potts

To: Office Of Commissioner Graham; Commissioners Advisors; Administrative Assistants - Commission Suite; Ann Cole  
 Cc: Hong Wang  
 Subject: RE: AMR meter at 19158 Dove Creek Drive

Thank you for this information. This attachment has been printed and placed in Docket Correspondence-Consumers and their Representatives, in Docket 110000-OT.

FPSC, CLK - CORRESPONDENCE  
 Administrative Parties ✓ Consumer  
 DOCUMENT NO. 001623-11  
 DISTRIBUTION: \_\_\_\_\_

From: Hong Wang  
 Sent: Wednesday, November 02, 2011 9:08 AM  
 To: Catherine Potts  
 Cc: Ann Cole  
 Subject: FW: AMR meter at 19158 Dove Creek Drive

Please handle. Thanks!

From: Carol Purvis **On Behalf Of** Ann Cole  
 Sent: Tuesday, November 01, 2011 4:51 PM  
 To: Diamond Williams  
 Cc: Hong Wang  
 Subject: FW: AMR meter at 19158 Dove Creek Drive

Please handle

From: Betty Leland  
 Sent: Tuesday, November 01, 2011 4:49 PM  
 To: Ann Cole  
 Cc: Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian  
 Subject: FW: AMR meter at 19158 Dove Creek Drive

Ann:

Please place the attached e-mail in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

Thanks.

From: DEBORAH RUBIN [mailto:mamarubin@msn.com]  
 Sent: Tuesday, November 01, 2011 4:16 PM  
 To: congressmanbillrakis@address-verify.com; wwahle@tecoenergy.com; tecometerman; caattal@tecoenergy.com; shawn.harrison@myfloridahouse.gov; maproulx@tecoenergy.com; DEBORAH RUBIN; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; fisa.montellione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmillier@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; lrals@greenacreproperties.com; rick.scott@eog.myflorida.com; dean.cannon@myfloridahouse.gov; bill@billnelson.senate.gov; bill.nelson@senate.gov; Art Graham; Eduardo Balbis; Office of Commissioner Brown; Lisa Edgar; Ronald Brisé; Marshall Willis; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdinfo@cdc.gov  
 Subject: AMR meter at 19158 Dove Creek Drive

Dear Mr. Caldwell and other Administrators,

Mr. Caldwell, every house near mine now has a new AMR meter, including the 1 than 10 feet from my house. On the phone, you specifically said that until TEC reached a decision, my immediate neighbors would not get the new meters. You informed TECO through you that I did not want to be exposed to wireless microwaves from my neighbors' house, or from any other infrastructure TECO is dependent on. My neighbor at 19158 have had the new meters for a while now, [which makes it a bit that you would suggest I drive to Dade City or San Antonio to take measurements, than a few houses down the street] but within the last week a meter was installed in my yard, garage, and master bathroom approximately every 30 seconds. I have to live with this is unacceptable to me.

From the distance of a couple feet, the meter at 19158 is emitting radiofrequencies

11/2/2011

every 30 seconds. In my yard, where I do yard-work and my children play, the electrical field pulses and peaks at 1.5 volts per meter about every 30 seconds. In my garage, the reading is close to a volt per meter, and in my master bath it is 200 millivolts per meter every 30 seconds or so. I have documented previous measurements of these areas, which I will not hesitate to notarize, showing the electrical field used to be between 4 and 6 millivolts per meter. The increase is substantial by orders of magnitude.

I am asking you to remedy this situation immediately by either hard-wiring my neighbor's meter or by replacing that AMR meter with a different style meter so that the radiation does not pollute my yard and home. This is a threat to my health and that of my family. As I have already emailed you, wireless radiofrequency electromagnetic fields are a class 2B carcinogen, meaning possibly carcinogenic to humans based on the scientific evidence. I have also sent you other links to scientific peer-reviewed studies showing adverse biological effects from exposure to radiofrequency/microwave radiation. Some of these studies are listed in the emails below as well as my refusal to be exposed to TECO's hazardous radiofrequency emissions in my own home and on my own property every 30 seconds or every 4 - 6 seconds as you wrote below.

Please email me with any action TECO will take to remedy this hazardous radiofrequency exposure from their meter deployed at 19158 Dove Creek Drive, Tampa, FL 33647. TECO willfully chose to deploy this meter against my documented protest and knowing full-well that its emissions will expose the families at 19158 and 19160 Dove Creek Drive to a possible human carcinogen per the International Agency for Research on Cancer, World Health Organization, May 31, 2011. This exposure will be approximately every 30 seconds, 24 hours a day, 7 days a week and is only likely to increase in intensity and duration once the SmartGrid is fully deployed.

Sincerely,

Deborah M. Rubin

---

From: mamarubin@msn.com  
 To: congressmanbilirakis@address-verify.com; wwahle@tecoenergy.com; wwcaldwell@tecoenergy.com; caattal@tecoenergy.com; shawn.harrison@myfloridahouse.gov; maproulx@tecoenergy.com; mamarubin@msn.com; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; trials@greenacreproperties.com  
 Subject: AMR Meter Notice  
 Date: Mon, 26 Sep 2011 14:33:55 -0500

Dear Public Administratbrs and TECO,

I received my monthly bill today from TECO along with a notice that AMR meters will be installed in my neighborhood over the next few months. I note that you inform people you will be using *advanced communication technology*, but do not alert TECO consumers you will be exposing them to microwave radiation which the World Health Association has classified as a possible human carcinogen, in the same category as DDT and lead, as of May 31, 2011. Doesn't the public have a right to know you are willfully exposing them to a possible human carcinogen and an agent shown in the peer-reviewed scientific literature to cause numerous adverse biological health effects *in vitro*, *in vivo* and in epidemiological studies, as listed in my email below.

Shouldn't you have to inform people you are exposing them to a health hazard? Why do you not deploy hard-wired technology to secure the public's health and protect the public and your other investors from financial liability?

**I do not give you permission to irradiate my home with microwave/radiofrequency radiation.**

Sincerely,

Deborah M. Rubin  
 19160 Dove Creek Drive  
 Tampa, FL 33647

---

From: mamarubin@msn.com  
 To: congressmanbilirakis@address-verify.com  
 Subject: RE: Poll About Jobs Plan  
 Date: Sun, 25 Sep 2011 15:58:19 -0500

Dear Congressman Bilirakis,

I ask you to please help pass an immediate moratorium on SmartMeters, also called AMR or AMI meters from the utility companies for the reasons listed in my email below. There is peer-reviewed scientific evidence that wireless

microwave/radiofrequency radiation is harmful to health. People all over North America are getting sick from exposure to SmartMeter radiation. Maine has mandated an opt out choice for their citizens. Many jurisdictions in California have banned or oppose SmartMeters. This movement will not go away, but will get steadily stronger as more people get sick and realize why. Thank you.:

Dear Mayor, Representative Harrison, Mr. Caldwell, Mr. Whale, Mr. Attal, Ms. Proulx, County Commissioners, and City Council Members,

**Please add this email to the official public record so that TECO and the Florida legislature can never say they were not aware of existing scientific evidence of biological harm from exposure to wireless microwave radiation. This is a very serious and urgent public health issue.**

**With all of the scientific evidence indicating adverse biological effects from wireless radiofrequency/microwave (RF/MW), why isn't TECO using fiber optics if they must monitor electrical usage so closely? That choice would be safer, far more secure, and less financially risky for TECO, a consumer-supported utility, should health claims arise from the deployment of their wireless microwave irradiating meters. My neighborhood, like so many others, has an extensive fiber optic system already in place.**

Mr. Caldwell, thank you for your responses to my questions and for offering to assist me in measuring the microwave radiation emitted by your new AMR meters. I already know how to use my meter, so I will not be needing your assistance. If I should require assistance, I will seek that from an appropriate independent building scientist.

I believe the cell phone analogy in your email is not fully relevant and somewhat misleading. I do not use a cell phone, and don't know anyone who uses one 24 hours a day. Furthermore, the field densities from your AMR meters that you have listed below are higher than those I have measured near a cell tower. Several epidemiological studies show that people who live within 500 meters of a cell tower are 4 times as likely to develop and die of cancer. Many other health effects are documented in excess of the norm as well. And you want to put that right on my house? That's the best you can come up with? I hope you can live with your conscience when you see what this will do to people, men, women, and children alike.

**Right now, in my home, the power density ranges from 0.000,000,004,24 mW/cm<sup>2</sup> to 0.000,000,009,55 mW/cm<sup>2</sup>.** You are proposing to increase it by orders of magnitude. Children have been demonstrated to absorb 60% more radiation than adults. Recent studies, which I can send you, show that at the FCC reference levels, children may exceed the safety guidelines by 45% for whole body exposure. What right do you have to irradiate me and my family? I do not give you permission to pollute my home and yard with microwave radiation so that you can eliminate your meter readers, or for any other reason. I do not give you permission to irradiate my home so that you can save money installing your new meters by choosing wireless over wired. My health is worth the extra expense; I'm appalled that TECO doesn't recognize that. My health and that of my children and community is priceless--and we financially support your company, make it what it is. You should respect our health by doing your homework into the health effects of wireless exposure before you deploy one more wireless meter. The onus for proving safety is on you; this is your willful action in spite of the evidence of harm. What good is an efficient grid that makes the consumers sick? Is TECO insured for health claims from exposure to these meters?

For the past 2 years, I have been actively advocating against wireless microwave exposure to our children, so I am familiar with the topic. I have letters from expert scientists who research and study the effects of electromagnetic fields on health, stating that this type of exposure is demonstrated repeatedly in the scientific literature to cause adverse biological effects. Various mechanisms have been identified. FCC even admits on its own website that these studies exist, that in the recent literature the studies are increasingly finding effects, and that more research is needed. These studies, referenced in the FCC text, can be found at the link below:

[http://transition.fcc.gov/Bureaus/Engineering\\_Technology/Documents/bulletins/oet56/oet56e4.pdf](http://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet56/oet56e4.pdf)

*"There are many published reports in the scientific literature concerning possible biological effects resulting from animal or human exposure to RF energy. The following discussion only provides highlights of current knowledge, and it is not meant to be a complete review of the scientific literature in this complex field. A number of references are listed at the end of this document that provide further information and details concerning this topic and some recent research reports that have been published (References 1, 3, 6, 7, 9, 14, 15-19, 21, 25, 26, 28-31, 34, 36, 39-41, 47, 49 and 53).*

***More recently**, other scientific laboratories in North America, Europe and elsewhere have reported certain biological effects after exposure of animals ("in vivo") and animal tissue ("in vitro") to relatively low levels of RF radiation. These reported effects have included certain changes in the immune system, neurological effects, behavioral effects, evidence for a link between microwave exposure and the action of certain drugs and compounds, a "calcium efflux" effect in brain tissue (exposed under very specific conditions), and effects on DNA.*

*In general, while the possibility of "non-thermal" biological effects may exist, whether or not such effects might indicate a human health hazard is not presently known. Further research is needed to determine the generality of such effects and their possible relevance, if any, to human health."*

**FCC says further research is needed, not that exposure is known to be safe.**

In 2008, FDA directed the National Academy of Sciences to identify research needs and gaps in knowledge regarding the biological effects of exposure to RF energy from wireless communications devices. Among other research needs, the Academy found:  
[http://www.nap.edu/openbook.php?record\\_id=12036&page=1](http://www.nap.edu/openbook.php?record_id=12036&page=1)

**"The committee judged that important research needs included, in order of appearance in the text, the following:**

- **Characterization of exposure to juveniles, children, pregnant women, and fetuses from personal wireless devices and RF fields from base station antennas.**
- **Characterization of radiated electromagnetic fields for typical multiple element base station antennas and exposures to affected individuals.**
- **Prospective epidemiologic cohort studies of children and pregnant women.**
- **Epidemiologic case-control studies and childhood cancers, including brain cancer.**
- **Prospective epidemiologic cohort studies of adults in a general population and retrospective cohorts with medium to high occupational exposures.**
- **Human laboratory studies that focus on possible adverse effects on electroencephalography activity and that include a sufficient number of subjects.**
- **Investigation of the effect of RF electromagnetic fields on neural networks.**
- **Evaluation of doses occurring on the microscopic level.**
- **Additional experimental research focused on the identification of potential biophysical and biochemical/ molecular mechanisms of RF action."**

Why would you think it is a good idea to put a wireless RF/MW radiator on every home when you could have chosen to hard-wire them instead? Since the National Academy's scientists can not say wireless microwave exposure is safe, TECO certainly can not! **Can TECO provide any scientific evidence showing that exposure to their meters has been studied in long-term safety studies and proven safe?** There are numerous peer-reviewed scientific studies indicating this exposure is not safe, and there are many expert opinions such as those of Dr. Martin Blank, Dr. David O. Carpenter, Dr. Magda Havas. If you did not know this before, you do now.

Currently, I am helping to plan a 2 day summit in Washington DC on wireless safety. We will be taking our cause to the Hill and SmartMeters are a big part of that cause.

I do not have a cell phone, cordless phone or wifi in my house. I paid Verizon extra money to hardwire my computers with ethernet connections just so my house would not be filled with wireless microwave radiation. I have paid over \$200 for this service. My children's health is worth it!

Also, currently, I drive to Tampa Palms daily to bring my daughter to school because I do not want her exposed to the WIFI at her zoned school in my neighborhood. I do this even though her zoned school is within walking distance of my home and is otherwise a wonderful school where she has many friends. However, to avoid that wireless exposure, I selected Chiles Elementary for her through the School Choice Program and drive 6 miles or so each way, Monday through Friday. For the same reason, I home school another daughter so that she is not exposed to WIFI in her school. Last year I home schooled 3 of my children to protect them from exposure to wireless radiation, and that is on record with the school district.

I have 2 documented medical conditions that have been demonstrated in the scientific literature to be affected and even caused by wireless radiation.

So, from the information I have just given you, you must be able to understand why I do not want your meter on my house. **Will TECO offer me a choice to opt out of your new meter program? Will you make hard-wired meters available to your consumers who do not want to be exposed to a possible human carcinogen?** You may own the meter, but what right do you have to fill my house and yard with microwave radiation?

**I do not give you permission to pollute my home and yard with wireless microwave radiation.** On May 31, 2011, the World Health Organization's International Agency for Research on Cancer reclassified radiofrequency electromagnetic fields as a class 2B, a possible human carcinogen. ( [http://www.iarc.fr/en/media-centre/pr/2011/pdfs/pr208\\_E.pdf](http://www.iarc.fr/en/media-centre/pr/2011/pdfs/pr208_E.pdf) ) Numerous other studies showing adverse biological effects exist and are acknowledged by FCC. With that knowledge, why are you installing these meters on people's homes in which they will be irradiated all day and night?

**I hereby request to opt out of this program and to be protected from any wireless microwave radiation emitted by TECO meters in my neighborhood. TECO would serve its consumers better by hard-wiring all meters, indeed extensive fiber optic networks already exist in many communities. Wired meters are safer, more secure, and less of a liability should health claims arise. All citizens should be informed that your wires will emit microwave radiation every 4-6 seconds. Many will have pre-existing medical conditions, and everyone deserves the right to be informed that they are being exposed to a possible human carcinogen.**

Sincerely,

11/2/2011



Deborah M. Rubin  
 19160 Dove Creek Drive  
 Tampa, FL 33647  
 813-866-9400

---

From: WWcaldwell@tecoenergy.com  
 To: mamarubin@msn.com  
 CC: shawn.harrison@myfloridahouse.gov; maproulx@tecoenergy.com  
 Date: Wed, 21 Sep 2011 15:50:17 -0400  
 Subject: RE: Local SmartMeter measurements

Ms. Rubin,

Thank you for your reply. I have tried my best to answer your questions and to provide additional information to help you learn more about this subject. Some of these answers are very technical because I am trying to fully answer your questions.

Regarding the EMF measurements, there are some technical aspects you should be aware of to obtain accurate measurements from your meter. I am happy to meet with you to take measurements together to ensure you are getting accurate measurements. If you would like for me to do this, I would need to know the following:

- Manufacturer and model of EMF meter
- Location where the meter was purchased

If you want to take field measurements together, please also provide me some time(s) when you are available. I can then work with you to find an area with digital/AMR meters where we can take as many measurements as you would like. I suggest the Dade City/San Antonio area, however, if there is another area you would prefer, please let me know.

Below, please find the answers to your questions.

Best Regards,

Wes Caldwell

Meter Operations Engineer

Tampa Electric Company

813.275.3078

- **Is Tampa Electric planning to install the Itron Centron C1SR in New Tampa/West Meadows?**
    - Yes.
  - **When will they be installed?**
    - Likely before the end of this year.
  - **What is the frequency and interval of the transmission? Is it the 4- to 6-second interval?**
    - Yes, the transmissions occur roughly every four to six seconds.
    - The meter does not transmit two consecutive times on the same frequency. It instead switches to a new frequency in the range for each transmission. (The algorithm is proprietary to the manufacturer.)
    - The frequency, frequency-hopping pattern, and time interval between transmissions is random in nature, to reduce the possibility of interference from other transmitters and signal interception.
    - **The more technical answer to this question is below:**
      - The Itron C1SR meter communicates in the unlicensed, 910-920 MHz band governed by the U.S. Code of Federal Regulations (CFR) Title 47, Part 15 Radio Frequency Devices, Sub Part C Paragraph 247 Intentional Radiator.
      - The meter transmits in a spread-spectrum frequency (frequency-hopping) scheme.
      - The meters transmit a message that is approximately ten milliseconds (0.010 seconds) in duration every four to six seconds.
  - **What is the field strength of the signal?**
    - The transmitter strength of an average C1SR meter is 22.65 milliwatts (0.02265 Watts) producing a field strength of 0.00451 mWatts/cm<sup>2</sup> (0.00451 milliwatts per square centimeter). A meter that produces a field strength of 0.0292 mWatts/cm<sup>2</sup> will be deployed in some areas.
    - As a point of comparison, the average consumer cell phone's transmitter produces approximately 0.6 Watts (600 milliwatts) but the distance from the RF radiator is normally much less, therefore the field strength is approximately 1.326 mW/cm<sup>2</sup>.
  - **Would you please direct me to any area with the new digital meters already deployed so that I may use my EMF meter to measure the electrical field strength in the vicinity?**
    - The Dade City and San Antonio areas have had the Itron C1SR meters for eight years.
  - **Is Tampa Electric planning to convert AMI meters as you said in this interview?**  
<http://www.metering.com/node/14200>
    - Tampa Electric Company has not decided whether to deploy AMI meters at this time.
  - **Does the digital meter come with SMPS, switching-mode power supply?**
    - No, it is not a switching-mode supply. The meter uses a different type, called a Doppler Capacity supply.
  - **If so, have you detected transient electrical spikes from the element?**
    - The meter uses a different type of power supply, called a Doppler Capacity supply. No transient spikes or other harmonics have been found in testing or use of the meter.
-

NOTICE: This email is intended only for the individual(s) to whom it is addressed and may contain confidential information. If you have received this email by mistake, please notify the sender immediately, delete this email from your system and do not copy or disclose it to anyone else. Although we take precautions to protect against viruses, we advise you to take your own precautions to protect against viruses as we accept no liability for any which remain.

**Diamond Williams**

110000-OT

**From:** Ann Cole  
**Sent:** Thursday, October 27, 2011 2:14 PM  
**To:** Betty Leland  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Diamond Williams  
**Subject:** FW: Deborah Rubin Smart Meter E-mails  
**Attachments:** RE: Where is our digital/smart/AMR/AMI meter OPT OUT?!!!; Where is our digital/smart/AMR/AMI meter OPT OUT?!!!

Thank you. The attachments and this e-mail will be placed in Docket Correspondence, Consumers and their Representatives, in the undocketed file, Docket No. 110000-OT.

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**From:** Betty Leland  
**Sent:** Thursday, October 27, 2011 1:26 PM  
**To:** Ann Cole  
**Cc:** Commissioner Edgar & Staff; Commissioner Brisé & Staff; Commissioner Balbis & Staff; Commissioner Brown & Staff; Jim Varian; Chuck Hill  
**Subject:** Deborah Rubin Smart Meter E-mails

Ann:

Would you place the attached e-mails from Ms. Rubin in the undocketed file.

Thanks.

FPSC, CLK CORRESPONDENCE		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input checked="" type="checkbox"/> Consumer
DOCUMENT NO. 00023-11		
DISTRIBUTION:		

**Diamond Williams**

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**From:** DEBORAH RUBIN [mamarubin@msn.com]**Sent:** Wednesday, October 26, 2011 5:36 PM

**To:** teco meterman; wtwhale@tecoenergy.com; maproulx@tecoenergy.com; Rep. Plakon; rick.scott@eog.myflorida.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; cattal@tecoenergy.com; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; Art Graham; Eduardo Balbis; Office of Commissioner Brown; Lisa Edgar; Ronald Brisé; Marshall Willis; bill@billnelson.senate.gov; marco.rubio; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov

**Subject:** RE: Where is our digital/smart/AMR/AMI meter OPT OUT?!!!

Dear Governor, Representatives Plakon, Cannon, and Harrison,

Because the Energy and Utilities Subcommittee was just last week apprised of the ongoing Smart/Digital Meter roll out in Florida and is still in the process of gathering information, I ask the Florida Legislature to declare an immediate moratorium on the digital meter roll out until/unless the Florida legislature has reviewed and approved the deployment. Many unanswered questions regarding health effects, utility law, rate impacts, and constitutionality should be answered before the deployment is allowed to proceed.

Please remember, a wired option is a viable alternative that may satisfactorily address some of these concerns.

Sincerely,

Deborah M. Rubin

---

**From:** mamarubin@msn.com

**To:** wwcaldwell@tecoenergy.com; wtwhale@tecoenergy.com; maproulx@tecoenergy.com; scott.plakon@myfloridahouse.gov; rick.scott@eog.myflorida.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; cattal@tecoenergy.com; mamarubin@msn.com; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; art.graham@psc.state.fl.us; eduardo.balbis@psc.state.fl.us; commissioner.brown@psc.state.fl.us; lisa.edgar@psc.state.fl.us; ronald.brise@psc.state.fl.us; marshall.willis@psc.state.fl.us; bill@billnelson.senate.gov; marco.rubio@senate.gov; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov

**Subject:** Where is our digital/smart/AMR/AMI meter OPT OUT?!!!**Date:** Wed, 26 Oct 2011 15:05:42 -0500

| Dear Representative Plakon and other Administrators,

10/28/2011

The Federal Energy Policy Act of 2005 states thusly: section 1252: pages 370-374: The law mandates only that the utilities "offer the wireless meters and INSTALL THEM UPON THE CUSTOMER REQUEST."

If the state of Florida has any other directive, please provide me with a link to that legislation.

Would you please provide your citizens with an **official** opt out of the new digital meter deployment or provide a permanent wired meter option?

Representative Plakon, I ask that you please keep Florida citizens apprised of any hearings your Energy and Utilities Committee will hold on this subject and likewise regarding any investigation you are pursuing and its findings. Please keep it out in the Sunshine. I would like to know which experts on radiofrequency exposure and health you speak with and what their testimony is. Please provide a link to any comprehensive plan Florida has established for the SmartGrid Initiative. I'm assuming all utilities must be cooperating to achieve interoperability of the system.

Thank you,

Deborah M. Rubin  
Tampa, FL 33647  
813-866-9400

**Diamond Williams**

---

**From:** DEBORAH RUBIN [mamarubin@msn.com]

**Sent:** Wednesday, October 26, 2011 4:06 PM

**To:** teco meterman; wtwhale@tecoenergy.com; maproulx@tecoenergy.com; Rep. Plakon; rick.scott@eog.myflorida.com; dean.cannon@myfloridahouse.gov; shawn.harrison@myfloridahouse.gov; mary.mulhern@tampagov.net; yvonne.capin@tampagov.net; cattal@tecoenergy.com; DEBORAH RUBIN; thomas.scott@tampagov.net; charlie.miranda@tampagov.net; bob.buckhorn@tampagov.net; mike.suarez@tampagov.net; harry.cohen@tampagov.net; frank.reddick@tampagov.net; lisa.montelione@tampagov.net; smurman@hillsboroughcounty.org; vcrist@hillsboroughcounty.org; lmiller@hillsboroughcounty.org; ahigginbotham@hillsboroughcounty.org; khagan@hillsboroughcounty.org; kbeckner@hillsboroughcounty.org; msharpe@hillsboroughcounty.org; Art Graham; Eduardo Balbis; Office of Commissioner Brown; Lisa Edgar; Ronald Brisé; Marshall Willis; bill@billnelson.senate.gov; marco.rubio; bill.nelson@senate.gov; radiationcontrol@doh.state.fl.us; environmentalepidemiology@doh.state.fl.us; health@doh.state.fl.us; informationtechnology@doh.state.fl.us; dsma@cdrh.fda.gov; hssusersupport@hq.doe.gov; oar\_comments@epa.gov; webcenter@niehs.nih.gov; cdcinfo@cdc.gov

**Subject:** Where is our digital/smart/AMR/AMI meter OPT OUT?!!!

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Thank you,

Deborah M. Rubin  
Tampa, FL 33647  
813-866-9400

Diamond Williams

110000-01

**From:** Filings@psc.state.fl.us  
**Sent:** Tuesday, September 20, 2011 12:31 PM  
**To:** 'Richard Nadler'  
**Cc:** Consumer Contact; Diamond Williams  
**Subject:** RE: Account billing account # 111943575

FPSC, CLK CORRESPONDENCE		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input checked="" type="checkbox"/> Consumer
DOCUMENT NO. 00023-11		
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Mr. Nadler:

Complaints serve as a valuable source of information to the Florida Public Service Commission (PSC). In order to allow the PSC to more efficiently process its customer complaints, all customers are asked to send complaints to the PSC in the following manner:

- \* If you choose to fax your complaint, please fax it to (800) 511-0809.
- \* E-mailed complaints and complaint correspondence should be sent to:  
**Contact@psc.state.fl.us**

We have forwarded your complaint to our Division of Safety, Reliability, & Consumer Assistance, as they handle consumer complaints.

*Dorothy Menasco*  
*Florida Public Service Commission*  
*Office of Commission Clerk*  
*850-413-6770*

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure.

**From:** Richard Nadler [mailto:nrich46@msn.com]  
**Sent:** Tuesday, September 20, 2011 11:22 AM  
**To:** info@att.com  
**Cc:** Filings@psc.state.fl.us  
**Subject:** Account billing account # 111943575

**After speaking to your representative, Dusty Vargas, in June about saving money on my phone, cable and internet bill I was signed up for U-verse service which included U-300 TV, home phone + a second line for a fax machine, internet max, and my cell phone + sharing a second for my wife. I was told the service would cost \$166-175 with the taxes included. Each month since I have had to make calls to secure the agreed upon price quoted by your representative. I spoke to Will Evans on July 26th and he told me my bill would be adjusted to \$109 per month plus \$70 for my cell phones. On 8/16 I spoke with Everitt and my bill was adjusted to the agreed upon price. This month my bill was \$201.16 and your representatives, Ms Williams and Terry Washington (called 9/20/11), told me that this is what my bill will be, there will not be any further adjustments. This is bait and switch. You need to honor the agreed upon**

9/20/2011

**price. Something must be done to get my bill to the agreed upon price. I am a senior citizen on a fixed income and cannot tolerate these constant attempts to get me to pay more than the agreed upon price. You twice made adjustments and now I am told you will no longer honor your end of the agreement. The fact that you twice met the agreed upon price shows that you know what the agreement contained.**

**S. Richard Nadler  
6036 Sunberry Circle  
Boynton Beach, FL 33437  
561-752-9289**



110000-01



RECEIVED-FPSC

11 SEP -6 AM 8: 35

COMMISSION CLERK

11 SEP -6 AM 7: 42

August 31, 2011

Florida Power and Light  
P O Box 025576  
Miami Fla. 33102

FPSC, CLK CORRESPONDENCE		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input checked="" type="checkbox"/> Consumer
DOCUMENT NO. 00623-11		
DISTRIBUTION:		

Re: 6201 Granada Blvd. C.G. 33146

Gentlemen:

Please see attached Summary of Conditions and installed load at above residence. This information has been prepared to assist you in your energy audit study by myself as an architect with the assistance of electrical and mechanical engineers that work with me.

I would like to take this opportunity to thank you for your support in finding the prevailing problem at this residence (my home) over the last two years.

It is pertinent to point out that only two people live at this address and this inexplicable excessively high power bills have been reported for over two years. I am also calling to your attention that the surge suppressor installed by FPL and paid monthly by me has been reported as not working for this referenced period of time, without any response or actions by FPL. As a result, my A.C. units have stopped working in 3 different occasions in these recent times causing significant living discomfort and cost of repairs for parts damaged. I remain surprised that the meter readers have ignored the red light indicating the absence of the designed voltage drop protection. In addition to my reported complains. See photos enclosed.

I acknowledge that a new electronic meter has been enclosed within the last few months. At the point of change in meters. no acknowledgement of this malfunctioning and subsequent action has not been undertaken.

Again, I will remain available to offer my individual and professional help. I have always been very proud of FPL satisfaction with the professional services offered by me since 1973 as the design architect/engineer of record of your G.O. facility at West Flagler Street in Miami as well as the New Campus Master Plan and execution of all buildings at your facility at Juno Beach over an extended period of time.

I look forward to the satisfactory resolution of this on going problem.

Sincerely,

Hilario F. Candela, FAIA

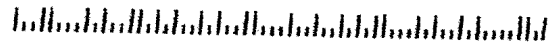
cc. Florida Utilities Commission

MIAMI FL 331  
02 SEP 2011 PM 3 T



Public Service Commission  
Capital Circle Office Center  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

323990850



To: Attorney General    Copies to: St. Pete times  
Public Service Commission ✓

11 AUG 19 2011 7:37  
DATE: 11 7:37

Subject: Progress NRG Customer Monthly Unjustified Utility Charge:  
Aug. 15,2011

Yesterdays St. Pete article spelled out the unjustified features of the heavily Lobbied bill that was passed in violation of Section

25 of our State constitution I think.. It should be thoroughly reviewed by your Department for violations , in view of the Federal

Judges ruling as unconstititutional which forces the citizen without choice . The article states that P,NRG has not done what it

promised originally when the bill was passed and continue throught the 2+ years to postpone the project for which they have

collected MILLIONS for a project that may NEVER be built in view of the questionable future of Necular NRG. What makes it

worse is that there is NO PROVISION FOR A CUSTOMER REFUND and the charges could go on indefinately. Also, please

give me another example where the individual has contributed the Assets of a private corporation without his consent. The

article states that we are negotiating with PNG for lower customer charges. when we should be voiding the Senate Bill as

unconstiutdional. GOOD LUCK !!

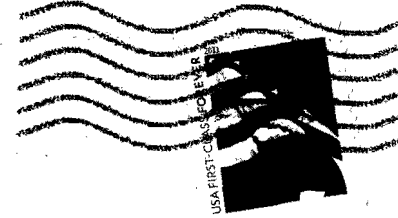
From: Owen W. Beem, 5802 51st So., St. Pete.,Fl. 33715    727 867 1074

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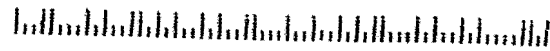
Mr Owen Beem  
5802 51st St. S.  
St. Petersburg, FL 33715

TAMPA FL 335  
SAINT PETERSBURG FL  
17 AUG 2011 PM 6 T



PUBLIC SERVICE COMMISSION  
2540 SHUMAIK LINEDAK BLVD.  
TALLAHASSEE, FL ~~32309~~ 32399

32399-0650



110000-07

# NOTICE

RECEIVED-FPSC

July 25, 2011

Lakeland Electric  
Attn: General Manager  
501 East Lemon Street  
Lakeland, FL 33801-9881

11 JUL 28 AM 8:58  
**FILE COPY**  
COMMISSION  
CLERK

TO: General Manager, Jim Stanfield

RE: Account ID # 3064613

MAILED JUL 26 2011

Dear Jim Stanfield,

**YOU ARE HEREBY PUT ON NOTICE THAT NEITHER LAKELAND ELECTRIC, NOR ANY OF ITS EMPLOYEES, AGENTS OR CONTRACTORS, HAS PERMISSION TO INSTALL, OR ATTEMPT TO INSTALL, ANY "SMART METER™" AT THE FOLLOWING ADDRESS:**

744 E. Valencia Street, Lakeland, FL 33805

Any attempt to install a Smart Meter at said location shall be deemed actionable under relevant state and federal laws, and in violation of the Constitutions of the State of Florida and the United States of America.

Please be aware that under federal law, "If two or more persons conspire to injure, oppress, threaten or intimidate any citizen in free exercise or enjoyment of any right or privilege secured to him or her by the constitution or laws of the United States, or because of his having exercised the same, or if two or more persons go on the premises of another with the intent to prevent or hinder his or her free exercise or enjoyment of any right or privilege so secured – they shall be fined not more than \$10,000 or imprisoned not more than ten years or both."

Please be advised that the land use fee for the above address is hereby declared to be \$5,000.00 per person per day, or any portion thereof. Installation of a Smart Meter™ at the aforesaid location will result in the initiation of a claim for damages for trespass, wrongful burdening of a utility easement, invasion of privacy and violation of other constitutionally protected rights, intentional infliction of emotional distress, and for such other personal injuries and torts as the facts may warrant.

Please be aware that activity at this location may be under surveillance. Kindly advise the undersigned of the name, address, policy number and phone number of Lakeland Electric's insurer or surety.

Please accept delivery of this letter by certified mail as a good faith effort by the undersigned to exhaust all applicable administrative remedies and claims procedures that may be a precondition to legal action in relation to the installation, or attempted installation, of Smart Meters on my property.

Treasa Towson Date: 7/26/11  
Treasa Towson

cc: Benjamin Hardin, PA, Hardin and Associates  
Florida Public Service Commission, Tallahassee, FL

FPSC, CLK - CORRESPONDENCE  
 Administrative  Parties  Consumer  
DOCUMENT NO. 0064613-11  
DISTRIBUTION:

Towson  
744 E Valencia Street  
Lakeland, FL 33805

TAMPA FL 335  
SAINT PETERSBURG FL  
26 JUL 2011 PM 3 T



Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

32399-0850





10000 01

**NOTICE**

July 25, 2011

RECEIVED-FPSC

Lakeland Electric  
Attn: General Manager  
501 East Lemon Street  
Lakeland, FL 33801-9881

**FILE COPY**

11 JUL 28 AM 8:58

COMMISSION  
CLERK

TO: General Manager, Jim Stanfield

MAILED JUL 26 2011

RE: Account ID # 3321366

Dear Jim Stanfield,

**YOU ARE HEREBY PUT ON NOTICE THAT NEITHER LAKELAND ELECTRIC, NOR ANY OF ITS EMPLOYEES, AGENTS OR CONTRACTORS, HAS PERMISSION TO INSTALL, OR ATTEMPT TO INSTALL, ANY "SMART METER™" AT THE FOLLOWING ADDRESS:**

841 E. Valencia Street, Lakeland, FL 33805

Any attempt to install a Smart Meter at said location shall be deemed actionable under relevant state and federal laws, and in violation of the Constitutions of the State of Florida and the United States of America.

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Please be advised that the land use fee for the above address is hereby declared to be \$5,000.00 per person per day, or any portion thereof. Installation of a Smart Meter™ at the aforesaid location will result in the initiation of a claim for damages for trespass, wrongful burdening of a utility easement, invasion of privacy and violation of other constitutionally protected rights, intentional infliction of emotional distress, and for such other personal injuries and torts as the facts may warrant.

Please be aware that activity at this location may be under surveillance. Kindly advise the undersigned of the name, address, policy number and phone number of Lakeland Electric's insurer or surety.

Please accept delivery of this letter by certified mail as a good faith effort by the undersigned to exhaust all applicable administrative remedies and claims procedures that may be a precondition to legal action in relation to the installation, or attempted installation, of Smart Meters on my property.

 Date: 7/26/11  
Treasa Towson

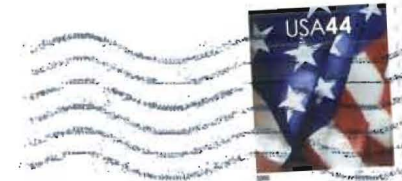
cc: Benjamin Hardin, PA, Hardin and Associates  
Florida Public Service Commission, Tallahassee, FL

FPSC, CLK - CORRESPONDENCE  
 Administrative  Parties  Consumer  
DOCUMENT NO. 00623-11  
DISTRIBUTION: \_\_\_\_\_

Towson  
841 E Valencia Street  
Lakeland, FL 33805



TAMPA FL 335  
SAINT PETERSBURG FL  
25 JUL 2012 PM 5 L



Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

32399+0850





July 25, 2011

Lakeland Electric  
Attn: General Manager  
501 East Lemon Street  
Lakeland, FL 33801-9881

RECEIVED-FPSC  
**NOTICE**  
11 JUL 28 AM 8:56  
COMMISSION  
CLERK

**FILE COPY**

MAILED JUL 26 2011

TO: General Manager, Jim Stanfield

Dear Jim Stanfield,

**YOU ARE HEREBY PUT ON NOTICE THAT NEITHER LAKELAND ELECTRIC, NOR ANY OF ITS EMPLOYEES, AGENTS OR CONTRACTORS, HAS PERMISSION TO INSTALL, OR ATTEMPT TO INSTALL, ANY "SMART METER™" AT THE FOLLOWING ADDRESS:**

932 E. Valencia Street, Lakeland, FL 33805


Any attempt to install a Smart Meter at said location shall be deemed actionable under relevant state and federal laws, and in violation of the Constitutions of the State of Florida and the United States of America.

Please be aware that under federal law, "If two or more persons conspire to injure, oppress, threaten or intimidate any citizen in free exercise or enjoyment of any right or privilege secured to him or her by the constitution or laws of the United States, or because of his having exercised the same, or if two or more persons go on the premises of another with the intent to prevent or hinder his or her free exercise or enjoyment of any right or privilege so secured – they shall be fined not more than \$10,000 or imprisoned not more than ten years or both."

Please be advised that the land use fee for the above address is hereby declared to be \$5,000.00 per person per day, or any portion thereof. Installation of a Smart Meter™ at the aforesaid location will result in the initiation of a claim for damages for trespass, wrongful burdening of a utility easement, invasion of privacy and violation of other constitutionally protected rights, intentional infliction of emotional distress, and for such other personal injuries and torts as the facts may warrant.

Please be aware that activity at this location may be under surveillance. Kindly advise the undersigned of the name, address, policy number and phone number of Lakeland Electric's insurer or surety.

Please accept delivery of this letter by certified mail as a good faith effort by the undersigned to exhaust all applicable administrative remedies and claims procedures that may be a precondition to legal action in relation to the installation, or attempted installation, of Smart Meters on my property.

 Date: 7/26/11  
Treasa Towson

cc: Benjamin Hardin, PA, Hardin and Associates  
Florida Public Service Commission, Tallahassee, FL

FPSC, CLK - CORRESPONDENCE  
 Administrative  Parties  Consumer  
DOCUMENT NO. 00603-11  
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Towson  
932 E Valencia Street  
Lakeland, FL 33805

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25 JUL 2022 PM 3 1



Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

32399+0850



**Dorothy Menasco**

110000-0T

**From:** Filings@psc.state.fl.us  
**Sent:** Wednesday, July 13, 2011 9:36 AM  
**To:** 'vpounders@yahoo.com'  
**Cc:** Diamond Williams  
**Subject:** FW: Requesting Formal Proceeding against Progress Energy

**Attachments:** EnvelopePDF.pdf



EnvelopePDF.p  
df (65 KB)

Ms. Pounders:

FPSC, CLK - CORRESPONDENCE		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input checked="" type="checkbox"/> Consumer
DOCUMENT NO. 00623-11		
DISTRIBUTION: _____		

We are in receipt of your attached e-filing. Please note that, per the Commission's e-filing requirements, documents are to include an official signature. Your document will need to be revised and resubmitted to be considered filed.

Manner of Electronic Transmission:

- Documents shall be signed by typing "s/" followed by the signatory:

s/ First M. Last

- The acknowledgment indicates the document has been received, but does not confirm the document meets the requirements for electronic filing.

A link to the Commission's e-filing requirements is included for your convenience:

<http://www.psc.state.fl.us/dockets/e-filings/>

Please call our office if you have any questions.

Dorothy Menasco  
Florida Public Service Commission  
Office of Commission Clerk  
850-413-6770

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure.

-----Original Message-----

From: vpounders@yahoo.com [mailto:vpounders@yahoo.com]  
Sent: Tuesday, July 12, 2011 2:59 PM  
To: Filings@psc.state.fl.us  
Subject: Requesting Formal Proceeding against Progress Energy

Please help me

Thank You  
Valencia Pounders  
4489 Summerlake Drive  
New Port Richey, FL 34653

727-372-2719

RECEIVED-FPSC



MAY 20 AM 9:33

COMMISSION  
CLERK

11 MAY 20 AM 7:14

**"NEW REMITTANCE INFORMATION"**

110000-0T

To All Earthlink Business, formerly Deltacom Suppliers:

Effective June 1, 2011 all supplier invoices and credit memos for goods and services must be submitted for payment to the Accounts Payable department located at the address listed below.

Earthlink Business  
P.O. BOX 7930  
Atlanta, Georgia 30357

In addition, invoices can be submitted via e-mail to: [apmail@lists.corp.earthlink.net](mailto:apmail@lists.corp.earthlink.net)

Invoices assigned a purchase order must have the purchase order number referenced on the invoice to avoid possible payment delays.

Thanks for your cooperation,

Accounts Payable Department  
Earthlink Business

<b>FPSC, CLK - CORRESPONDENCE</b>		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input checked="" type="checkbox"/> Consumer
DOCUMENT NO. 001023-11		
DISTRIBUTION: _____		

- COM \_\_\_\_\_
- APA \_\_\_\_\_
- ECR \_\_\_\_\_
- GCL \_\_\_\_\_
- RAD \_\_\_\_\_
- S&C \_\_\_\_\_
- ADM Y \_\_\_\_\_
- OPC \_\_\_\_\_
- CLK \_\_\_\_\_



<b>EARTHLINK</b>	1375 Peachtree Street NE
	Level A
	Atlanta, GA 30309

Master

04/18/2011  
EARTHLINK

SO: A-1

EARTHLINK

3239980850 0001



**Diamond Williams**

110000-01

**From:** Tiffany Williams  
**Sent:** Tuesday, May 10, 2011 3:13 PM  
**To:** Diamond Williams  
**Subject:** Proposed Changes to Form UNDOCKETED-00-01280  
**Attachments:** CCS Form UNDOCKETED-00-01280-021.pdf

<b>FPSC, CLK - CORRESPONDENCE</b>		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input type="checkbox"/> Consumer
<b>DOCUMENT NO.</b> 00023-11		
<b>DISTRIBUTION:</b> _____		

Undocketed Case - CCS Form Number UNDOCKETED-00-01280-021

Change in appointment - Day 1 of a 1-day Internal Affairs - 11/23/2011 - 9:30 a.m.-11:30 a.m. - in Tallahassee - Room E-140 - Involving All Commissioners

Change in appointment date  
From 11/23/2011 to 11/22/2011  
Change in appointment time  
From 9:30 a.m.-11:30 a.m. to 3:00 p.m.- 5:00 p.m.

Attached is a Case Scheduling/Rescheduling Advice (CSRA) in the referenced docket. If you have any questions regarding the form, please contact Mary Macko at 413-6008.

# Case Scheduling/Rescheduling Advice

Last Revised 05/10/2011 at 3:11 p.m.

Page 1 of 1

**To:**  Commissioner Edgar       Deputy Executive Director       Economic Regulation  
 Commissioner Brisé       General Counsel       Court Reporter  
 Commissioner Balbis       Auditing & Performance Analysis       Staff Contact  
 Commissioner Brown       Commission Clerk  
 Executive Director       Regulatory Analysis  
 Public Information Officer       Service/Safety/Consumer Asst.

**From:** Office of Chairman Art Graham

**Docket Number:** UNDOCKETED --

**1. Schedule Information**

Event	Former Date	New Date	Location / Room	Time
Internal Affairs	11/23/2011	11/22/2011	Tallahassee / E-140	3:00 p. - 5:00 p.

**2. Hearing/Prehearing Assignment Information**

Former Assignments

**Hearing Officers**

Commissioners						Hearing Exam.	Staff
ALL	GH	ED	BI	BL	BW		

Current Assignments

Commissioners						Hearing Exam.	Staff
ALL	GH	ED	BI	BL	BW		
X							

**Prehearing Officer**

Commissioners						
GH	ED	BI	BL	BW	ADM	

Commissioners						
GH	ED	BI	BL	BW	ADM	

**Remarks:**

2011 - Internal Affairs



Hong Wang

**From:** Mary Anne Helton**Sent:** Wednesday, March 23, 2011 4:40 PM**To:** 'rpjrb@yahoo.com'**Cc:** Office Of Commissioner Edgar; Office Of Commissioner Graham; Office of Commissioner Brisé; Office of Commissioner Balbis; Office of Commissioner Brown; 'rick.scott@eog.myflorida.com'; 'jennifer.carroll@eog.myflorida.com'; 'danlarsen@bellsouth.net'; 'kelly.sullivan.woods@gmail.com'; 'ken.hoffman@fpl.com'; 'vkaufman@kagmlaw.com'; 'mcglathlin.joseph@leg.state.fl.us'; 'John.'; Ann Cole; Curt Kiser; Dorothy Menasco; Lisa Bennett; John Slemkewicz; Jennifer Crawford; Marshall Willis**Subject:** Correspondence from Mr. Robert H. Smith

Dear Mr. Smith,

Due to the extraordinary volume and repetitious nature of information you send to the Commission, we are instituting a new process by which your correspondence will be maintained by the Commission Clerk. This change has become necessary due to the demands in staff time and resources that have been required to process your correspondence, in multiple dockets, as you've requested. This has a profound impact on the time and resources available for this office.

According to the Statement of Agency Organization and Operations, the Office of Commission Clerk, Documents Section, accepts official filings and maintains the official case files, including the correspondence files. The Clerk relies on the expertise of the Deputy Commission Clerk to ensure that filed documents and correspondence documents are processed correctly. Filings and documents placed in the correspondence files must have relevance to those dockets. The FPSC strives to make as many records, reports, and other documents filed with or produced by the Commission available at no charge on the Web site. Although the Commission finds it helpful to know what documents the public is interested in viewing, documents cannot be posted on the internet upon demand. Providing accessibility of documents on the Web site is an Agency decision.

The Clerk's Office does not have the resources, nor does it offer the service of responding to inquiries asking when scanned documents will be available on the Web site. Most filings are available on the Web site within four hours of filing, or the next business day, if filed after 1:00 p.m. Correspondence documents are not official filings; however, these document are also available on the Web site as soon as they can be processed by the Documents Section, and within a reasonable timeframe. Although the Clerk's Office is responsible for assisting the public, persons making inquiries should be mindful that unnecessary interruptions delay document processing and extend the reasonable timeframe that the Documents Section is able to display the official filings and correspondence documents.

On a going-forward basis, all future correspondence from you should be directed solely to Ann Cole, and will be placed in the Clerk's Office where it will be available for review and copying, consistent with Florida's Public Records Law. The clerk will no longer place your correspondence on the website. A copy of this e-mail will be placed in the correspondence files for Docket Nos. 080677-EI, 100410-EI, and 110009-EI, so that the record is clear that future correspondence will be maintained with the records of the Commission Clerk.

Should you intervene in a docket, your participation as a party will be processed in accordance with our standard procedures for parties for that docket.

I am attaching for your reference a letter that was sent to you on July 9, 2009, from then-General Counsel Patrick Imhof. The letter addresses many of the same concerns and difficulties that continue to be posed by the volume and nature of the correspondence and information requests that you send. I hope that the information discussed in the attached letter may be helpful.

Sincerely,

Mary Anne Helton, Deputy General Counsel

Mary Anne Helton  
Deputy General Counsel  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0862  
(850) 413-6096 (voice)  
(850) 413-6250 (fax)  
[mhelton@psc.state.fl.us](mailto:mhelton@psc.state.fl.us)

FPSC, CLK - CORRESPONDENCE		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input checked="" type="checkbox"/> Consumer
DOCUMENT NO. 00623-11		
DISTRIBUTION:		

110000-OT

**Diamond Williams**

**From:** Ann Cole  
**Sent:** Monday, March 21, 2011 10:43 AM  
**To:** Office of Commissioner Brisé  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite; Diamond Williams  
**Subject:** FW: Fact Sheets regarding NextEra Energy Fleet and FPL specific nuclear power plants  
**Attachments:** 19603\_Factsheet\_SL\_v4.pdf; 19603\_Factsheet\_TP\_v4.pdf; 03-18-11 Fleet FS.PDF

Thank you for this information. The printed attachments and this e-mail will be placed in *Docket Correspondence -Consumers and their Representatives*, in Docket Nos. 110000-OT.

---

**From:** Office of Commissioner Balbis  
**Sent:** Monday, March 21, 2011 10:38 AM  
**To:** Ann Cole  
**Cc:** Lisa Bennett  
**Subject:** FW: Fact Sheets regarding NextEra Energy Fleet and FPL specific nuclear power plants  
Ann,

Please place the e-mail below and the attachments in docket 110000-OT.

Thanks,  
Cristina

---

**From:** Hoffman, Kenneth [mailto:KENNETH.HOFFMAN@fpl.com]  
**Sent:** Saturday, March 19, 2011 11:33 AM  
**To:** Office Of Commissioner Graham; Office Of Commissioner Edgar; Office of Commissioner Brisé; Office of Commissioner Balbis; Office of Commissioner Brown  
**Cc:** KELLY.JR; Tim Devlin; Curt Kiser; Silagy, Eric  
**Subject:** Fact Sheets regarding NextEra Energy Fleet and FPL specific nuclear power plants

Dear Chairman Graham and Commissioners:

Since the earthquake and subsequent tsunami hit Japan just over a week ago, we have been actively engaged in monitoring the situation. While none of FPL's nuclear plants in Florida ( or NextEra Energy's nuclear plants in other states) are in high hazard seismic zones, we know that our customers and the communities that we serve may have questions. To keep you informed and help you address these questions in a factual and timely manner, we have developed the attached fact sheets about NextEra Energy's nuclear fleet processes and procedures, as well as site specific fact sheets addressing FPL's St. Lucie and Turkey Point nuclear power plants and sites.

We pride ourselves on being open, transparent and accessible. As such, if you have any questions on this or any other issue, please do not hesitate to contact me. I will ensure that the Office of Public Counsel, who has been copied with these materials, is made aware of any inquiries that you or your staff may have.

Sincerely,

Kenneth A. Hoffman  
Vice President, Regulatory Affairs  
Florida Power & Light Company  
215 South Monroe Street, Suite 810  
Tallahassee, FL 32301  
850.521.3901

3/21/2011





# St. Lucie



**Site Vice President**  
 Rich Anderson

**Site Communications Manager**  
 Doug Andrews

6501 South Ocean Drive  
 Jensen Beach, FL 34957

**Corporate Media Line**  
 (305) 552-3888

## Safety Information

**Built in a low-risk seismic zone:** St. Lucie is located in the lowest hazard zone for earthquakes according to the U.S. Geological Survey (USGS).

**Constructed to withstand earthquakes:** The plant is designed to withstand earthquakes and other natural events stronger than ever recorded in the region.

**Protected from flooding:** The plant is elevated 20 feet above sea level to protect against flooding and extreme storm surges. The plant successfully withstood the back-to-back impact of Hurricanes Frances and Jeanne in 2004.

**Designed with multiple safety systems:** Redundant safety systems include:

- » Four diesel generators that are protected by a concrete and steel-reinforced building
- » Additional reactor cooling system powered by steam generated by the plant itself
- » Back-up batteries for critical safety systems are stored on-site
- » External cooling options (i.e. injection and fire pumps) are pre-staged onsite; can use ocean water for cooling

**Seven-day power supply:** Safety and cooling systems can be powered for seven days without requiring any offsite power or additional fuel.

**Highly trained plant operators:** For one full week out of every six weeks, plant operators must prove their ability to safely operate the plant in a variety of worst-case scenarios that include earthquakes, severe storms, flooding, loss-of-power, and loss of reactor core cooling.

## General Information

St. Lucie Nuclear Plant is located on Hutchinson Island, midway between Fort Pierce and Stuart. The plant is situated on a 1,132-acre tract of land. Approximately one quarter of the site is used for generating electricity. The remainder of the property consists of mangrove swamps, marsh and beaches. This wealth of natural habitat has allowed FPL to support a variety of environmental activities.

- » **Workforce**  
820 during normal operations; 4,000 on-site during scheduled refueling outages.
- » **Salaries**  
Approximately \$67 million annually.
- » **Property taxes paid**  
Approximately \$16.6 million annually.
- » **Construction license granted**  
Unit 1: July 1970  
Unit 2: May 1977
- » **Operating license issued**  
Unit 1: March 1976  
Unit 2: April 1983

## System Information

PRIMARY SYSTEM	
Reactor Type	Combustion Engineering Pressurized Water Reactor
Reactor Core	217 fuel assemblies
Reactor Vessel	42' high; 172" inside diameter; 8.7" thickness
Reactor Containment Buildings	Concrete and steel construction 3' thick; 154' diameter; 243' height
SECONDARY SYSTEM	
Turbine	Westinghouse Electric Corp.

For More Information:

- [www.nei.org](http://www.nei.org)
- [www.nrc.gov](http://www.nrc.gov)
- [www.radiationanswers.org](http://www.radiationanswers.org)
- [www.epa.gov](http://www.epa.gov)
- [www.NextEraEnergyResources.com](http://www.NextEraEnergyResources.com)



# Turkey Point



**Site Vice President**  
Mike Kiley

**Site Communications Managers**  
Bianca Cruz / Veronica Swanson

9760 SW 344th Street  
Florida City, FL 33035

Corporate Media Line  
(305) 552-3888

## Safety Information

**Built in a low-risk seismic zone:** Turkey Point is located in the lowest hazard zone for earthquakes according to the U.S. Geological Survey (USGS).

**Constructed to withstand earthquakes:** The plant is designed to withstand earthquakes and other natural events stronger than ever recorded in the region.

**Protected from flooding:** The plant is elevated 20 feet above sea level to protect against flooding and extreme storm surges. Turkey Point successfully withstood the direct impact of Category 5 Hurricane Andrew in 1992.

**Designed with multiple safety systems:** Redundant safety systems include:

- » Four diesel generators that are protected by a concrete and steel-reinforced building
- » Additional reactor cooling system powered by steam generated by the plant itself
- » Back-up batteries for critical safety systems are stored on-site
- » External cooling options (i.e. injection and fire pumps) are pre-staged onsite; can use ocean water for cooling

**Seven-day power supply:** Safety and cooling systems can be powered for seven days without requiring any offsite power or additional fuel.

**Highly trained plant operators:** For one full week out of every six weeks, plant operators must prove their ability to safely operate the plant in a variety of worst-case scenarios that include earthquakes, severe storms, flooding, loss-of-power, and loss of reactor core cooling.

## System Information

PRIMARY SYSTEM	
Reactor Type	Westinghouse Pressurized Water Reactor
Reactor Core	157 fuel assemblies
Reactor Vessel	42' 7" high; 155.5" inside dia; 7.75" thick at beltline
SECONDARY SYSTEM	
Turbine/Generator	Westinghouse Electric Corp.
Cooling Canal System	168 miles of canals provide cooling water for the fossil and nuclear units

## General Information

Turkey Point Nuclear Power Plant is located 25 miles south of Miami, Florida. The 11,000-acre tract is dominated by mangrove swamps. The cooling canals encompass an additional 6,800 acres.

- » **Workforce**  
800 during normal operations; 2,800 on-site during scheduled refueling outages.
- » **Salaries**  
Approximately \$80 million annually.
- » **Property taxes paid**  
Approximately \$7 million annually.

## Milestones

- » **Operating license issued**  
Unit 3: July 1972  
Unit 4: April 1973
- » **Commercial operation**  
Unit 3: December 1972  
Unit 4: September 1973
- » **Steam generators replaced**  
Unit 3: 1982  
Unit 4: 1983
- » **Two additional safety grade emergency diesel generators installed:** 1991

For More Information:

- [www.nei.org](http://www.nei.org)
- [www.nrc.gov](http://www.nrc.gov)
- [www.radiationanswers.org](http://www.radiationanswers.org)
- [www.epa.gov](http://www.epa.gov)
- [www.NextEraEnergyResources.com](http://www.NextEraEnergyResources.com)

## Safety at NextEra Energy Nuclear Fleet Plants



**NextEra Energy's nuclear plants are specifically designed to safely shut down and withstand significant natural disasters, including earthquakes, storm surges and flooding, without losing the capability to perform all safety functions.**

- » The U.S. Nuclear Regulatory Commission (NRC) requires all nuclear power plants to be able to withstand the most severe natural phenomena historically reported within a 200-mile radius of a plant.
- » All of NextEra Energy's nuclear power plants are outside of known "high hazard" earthquake zones (as defined by the U. S. Geological Survey and the U.S. Nuclear Regulatory Commission).
- » Because our plants are not in high-hazard zones, the risk of a tsunami in our operational areas is very remote.
- » Even though an event like the recent Japanese earthquake is unlikely, all NextEra Energy plants have built-in safety margins that exceed the "worst-case" design requirements for our units. We plan for the extraordinary.
- » All of NextEra Energy's plants have extremely sensitive seismic monitoring equipment specifically designed to detect even the smallest ground movement, and we are well aware of natural conditions around our plants at all times.

**As compared to the Japanese plants, NextEra Energy nuclear plants have additional safety systems, and more extensive backup power capabilities.**

- » All U.S. nuclear plants are based on a "defense in depth" design, with multiple physical barriers and backup safety systems to ensure operation in even the most extreme environment.
- » All of NextEra Energy's plants have emergency core cooling systems that are protected from severe weather events, including water incursion and flooding.
- » Plants are also equipped with multiple back-up power supplies, including diesel generators, back-up batteries, an independent steam-driven cooling system, and a separate Supplemental Emergency Power System.

**The NextEra Energy Nuclear Fleet consists of eight units at five locations:**

- » Duane Arnold Energy Center in Palo, Iowa (1 unit)
- » Point Beach Nuclear Power Plant in Two Creeks, Wisconsin (2 units)
- » St. Lucie Nuclear Power Plant in Jensen Beach, Florida (2 units)
- » Seabrook Station Nuclear Power Plant in Seabrook, New Hampshire (1 unit)
- » Turkey Point Nuclear Power Plant in Florida City, Florida (2 units)

**Along with redundant systems, processes and procedures, our plants plan and practice for extraordinary events that go beyond likely "worst-case" scenarios.**

- » All nuclear power plants are designed for and have emergency operating procedures to address worst-case scenarios, including earthquakes and loss of all onsite and offsite power.
- » The procedures used in emergencies are part of plant operator training. Plant operators are required to undergo knowledge and performance testing one week out of every six weeks, all year long. That training involves the use of real-life testing on a plant simulator.
- » For conditions warranting public evacuation, dedicated communications systems linking emergency operations centers are in place; public alert systems (sirens) are in place; and, local emergency facilities that are staffed by state and local government emergency response agencies would be fully manned.
- » The plant emergency response is tested several times a year via emergency drills involving both onsite and offsite emergency response teams.
- » Similar natural emergency conditions are routinely exercised by reactor operators and emergency response agencies.

**NextEra Energy Nuclear Fleet units have demonstrated the effectiveness of plant design, equipment, systems and training during several weather events.**

- » Turkey Point withstood the direct hit of Category 5 Hurricane Andrew in 1992.
- » St. Lucie withstood two hurricanes in rapid succession in 2004.
- » Duane Arnold withstood record flooding in 2008.

**As a result of the emergency situation in Japan, NextEra Energy nuclear sites, along with the entire U.S. nuclear industry, have already committed to the following actions:**

- » Re-assessing the severe accident mitigation plans and commitments already in place to validate each unit's ability to respond to possible accident events resulting from extreme external events.
- » Reviewing station response capabilities to validate the effectiveness of procedures, equipment and capabilities in the case of total power loss.
- » Evaluating flooding readiness, including both internal and external flooding sources.
- » Conducting detailed assessments to verify equipment readiness for any possible seismic events.

For More Information:

[www.nei.org](http://www.nei.org)  
[www.nrc.gov](http://www.nrc.gov)  
[www.radiationanswers.org](http://www.radiationanswers.org)  
[www.epa.gov](http://www.epa.gov)



**Marguerite McLean**

110000-07

**From:** Filings@psc.state.fl.us  
**Sent:** Monday, March 14, 2011 4:37 PM  
**To:** 'rojocharo@yahoo.com'  
**Subject:** FW: REQUEST FOR A FORMAL COMPLAINT

FPSC, CLK - CORRESPONDENCE  
Administrative Parties Consumer  
DOCUMENT NO. 00623-11  
DISTRIBUTION: \_\_\_\_\_

**Ms. Charo:**

We are in receipt of your filing below. However, this filing is not eligible for electronic filing. Please see e-filing requirements on the PSC webpage at: <http://www.psc.state.fl.us/dockets/e-filings/> Specifically:

**E-Mail Transmitting an Electronically Filed Document**

- The e-mail message transmitting the document(s) to be filed is not itself considered a filing. Therefore, documents contained within the text of an e-mail transmission will not be considered filed.
- Multiple documents may be attached to the same e-mail transmittal. However, any cover letter or certificate of service must be included in the electronic document to which it relates, and shall not be submitted as a separate attachment to the e-mail.

Your filing will need to be revised and resubmitted in order to be officially accepted for filing.

Please feel free to call our office if you have any questions.

Marguerite H. McLean  
Commission Deputy Clerk II  
Florida Public Service Commission  
Office of Commission Clerk  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850  
850-413-6770

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**From:** Charo Rojo [mailto:rojocharo@yahoo.com]  
**Sent:** Monday, March 14, 2011 3:55 PM  
**To:** Filings@psc.state.fl.us  
**Cc:** nealforsman@psc.state.fl.us  
**Subject:** REQUEST FOR A FORMAL COMPLAINT

PSC'S OFFICE of the COMMISSION CLERK,  
2540 Shumard Oak Blvd  
Tallahassee, Fl 32399-0850

ROSARIO ROJO  
PSC COMPLAINT # 858880E

PETITION FOR FORMAL COMPLAINT

3/14/2011



THE UNDERSIGNED (THRU ELECTRONIC SIGNATURE) REQUEST FROM THE COMMISSION CLERK TO FILE A FORMAL PETITION FOR RELIEF AGAINST FPL. PURSUANTS TO THE PROVISIONS OF CHAPTER 120, F.S. THE UNIFORM RULES OF ADMINISTRATIVE PROCEDURE FOUND IN CHAPTER 28-106, FLORIDA ADMINISTRATIVE CODE, AND THE COMMISSIONS PROCEDURAL RULES, IN PARTICULAR RULE 25-22.036, FLORIDA ADMINISTRATIVE CODE.

PETITIONER SUMMARIES COMPLAINT DUE TO LACK OF TIME TO THE FOLLOWING: THE ACTIONS OF THE UTILITY COMPANY ER HAVE CREATED A FINANCIAL BURDEN ON PETITIONER, EMOTIONALLY AND FINANCIALLY, THE UTILITY COMPANY HAS THE POWER AND RESOURCES TO DENIED THE COMPLAINT, THEREFORE PETITIONER REQUEST THE COMMISSION PROTECTION TO SEEK RELIEF FROM THE ABUSIVE PRACTICES, BAD FAITH AND MALICE OF THE UTILITY COMPANY THAT DENIES WRONGG, BUT HOLD A MONOPOLY THAT FORCES CLIENTS TO ACCEPT THEIR ABUSE

PLEASE AND DUE TO A SHORT NOTICE ALLOW UNDERSIGNED TIME TO PREPARE MORE DOCUMENTATION FOR THE CASE BUT TO ASSIGN A DOCKER NUMBER RIGHT AWAY/S/ROSARIO ROJO

/S/ROSARIO ROJO  
2510 SW 17TH AVE  
MIAMI FL 33133  
(786) 389-1763

3/14/2011

Dorothy Menasco

10000 10

**From:** Filings@psc.state.fl.us  
**Sent:** Tuesday, March 01, 2011 10:19 AM  
**To:** 'reitjhgj@cox.net'  
**Subject:** FW: re

Thank you for contacting the Florida Public Service Commission. <http://www.floridapsc.com/> Please note that the Commission does not handle family law matters.

The Florida Public Service Commission is committed to making sure that Florida's consumers receive some of their most essential services — electric, natural gas, telephone, water, and wastewater — in a safe, affordable, and reliable manner. In doing so, the PSC exercises regulatory authority over utilities in one or more of three key areas: rate base/economic regulation; competitive market oversight; and monitoring of safety, reliability, and service.

For more information on the services the Public Service Commission does and does not regulate, go to our brochure entitled *When to Call the PSC*, at the following link:

[http://www.floridapsc.com/publications/consumer/brochure/When\\_to\\_Call\\_the\\_PSC.pdf](http://www.floridapsc.com/publications/consumer/brochure/When_to_Call_the_PSC.pdf)

I hope you find this information helpful.

Florida Public Service Commission  
Office of Commission Clerk  
850-413-6770

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure.

-----Original Message-----

**From:** reitjhgj@cox.net [mailto:reitjhgj@cox.net]  
**Sent:** Monday, February 28, 2011 5:14 PM  
**Subject:** re

I have an unresolved entitlement agreement between my ex and I and I need your advice

## Dorothy Menasco

---

**From:** System Administrator  
**To:** reitjhgj@cox.net  
**Sent:** Tuesday, March 01, 2011 10:19 AM  
**Subject:** Undeliverable: FW: re

Your message did not reach some or all of the intended recipients.

Subject: FW: re  
Sent: 3/1/2011 10:19 AM

The following recipient(s) could not be reached:

reitjhgj@cox.net on 3/1/2011 10:19 AM

The e-mail system was unable to deliver the message, but did not report a specific reason. Check the address and try again. If it still fails, contact your system administrator.

< barracuda.psc.state.fl.us #5.0.0 X-Spam-&-Virus-Firewall; host mx.east.cox.net[68.1.17.3] said: 550 5.1.1 <reitjhgj@cox.net> invalid recipient - Refer to Error Codes section at <http://postmaster.cox.net/confluence/display/postmaster/Error+Codes> for more information. (in reply to RCPT TO command)>

**Diamond Williams**

110000-07

**From:** Filings@psc.state.fl.us  
**Sent:** Wednesday, February 09, 2011 2:01 PM  
**To:** 'Richard Strell'  
**Cc:** Matilda Sanders; Marguerite McLean  
**Subject:** RE: public records request of fpl records

FPSC, CLK - CORRESPONDENCE		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input checked="" type="checkbox"/> Consumer
DOCUMENT NO. 0002311		
DISTRIBUTION: _____		

Your public records request is very important to us. For future reference, please direct public records request to [clerk@psc.state.fl.us](mailto:clerk@psc.state.fl.us). We will go ahead and forward this message to [clerk@psc.state.fl.us](mailto:clerk@psc.state.fl.us) to save time but in the future please send public records request to [clerk@psc.state.fl.us](mailto:clerk@psc.state.fl.us). If you file attached documents to be placed in a specific docket file, you may file them at [filings@psc.state.fl.us](mailto:filings@psc.state.fl.us). Please feel free to contact our office if you have any questions. Thank you for your help.

Thank you,

Diamond Williams  
 Comm. Deputy Clerk I  
 Office of Commission Clerk  
 Florida Public Service Commission  
 Email: [diwillia@psc.state.fl.us](mailto:diwillia@psc.state.fl.us)  
 Phone: 850-413-6094

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are considered to be public records and will be made available to the public and the media upon request. Therefore, your e-mail message may be subject to public disclosure.

---

**From:** Richard Strell [<mailto:raringtogo@gmail.com>]  
**Sent:** Tuesday, February 08, 2011 4:31 PM  
**To:** Filings@psc.state.fl.us  
**Subject:** public records request of fpl records

Per Fla Statute, 119.011.12, I am requesting that FPL provide the following information:

All communications, including emails, billing data summaries, notes, electronic and otherwise, sound records, regardless of the physical form, or means of transmission, made or received, regarding FPL's accounts for the three units, for: 404 NE 35th St, Miami, FL 33137, all meters.

This would include but not limit the request, to all inner office or otherwise, communications, regarding attempts to install digital meters at this address, regarding meter readings, and estimates, and regarding attempts to clarify errors in bills which represent usage during the months of Aug, 2010 to the present.

Thank you,  
 Richard Strell  
 404 NE 35th St  
 Miami, FL 33137

<http://www.psc.state.fl.us/consumers/complaints/index.aspx>

2/9/2011

**Marguerite McLean**

110000-0T

**From:** Filings@psc.state.fl.us  
**Sent:** Tuesday, February 08, 2011 5:00 PM  
**To:** Matilda Sanders; Marguerite McLean  
**Cc:** 'clerk@psc.state.fl.us.'  
**Subject:** FW: public records request of fpl records

<b>FPSC, CLK - CORRESPONDENCE</b>		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Parties	<input checked="" type="checkbox"/> Consumer
DOCUMENT NO. <u>00623-11</u>		
DISTRIBUTION: _____		

Your public records request is very important to us. For future reference, please direct public records request to [clerk@psc.state.fl.us](mailto:clerk@psc.state.fl.us). We will go ahead and forward this message to [clerk@psc.state.fl.us](mailto:clerk@psc.state.fl.us) to save time but in the future please send public records request to [clerk@psc.state.fl.us](mailto:clerk@psc.state.fl.us). If you file attached documents to be placed in a specific docket file, you may file them at [filings@psc.state.fl.us](mailto:filings@psc.state.fl.us). Please feel free to contact our office if you have any questions. Thank you for your help.

Thank you,

Diamond Williams  
 Comm. Deputy Clerk I  
 Office of Commission Clerk  
 Florida Public Service Commission  
 Email: [diwillia@psc.state.fl.us](mailto:diwillia@psc.state.fl.us)  
 Phone: 850-413-6094

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are considered to be public records and will be made available to the public and the media upon request. Therefore, your e-mail message may be subject to public disclosure.

---

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Thank you,  
 Richard Strell  
 404 NE 35th St  
 Miami, Fl 33137

<http://www.psc.state.fl.us/consumers/complaints/index.aspx>

2/9/2011

State of Florida



110000-07

# Public Service Commission

RECEIVED-FPSC

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-0850

JAN 27 AM 8:42

**-M-E-M-O-R-A-N-D-U-M-**

COMMISSION  
CLERK

**DATE:** January 26, 2011  
**TO:** Ann Cole, Commission Clerk - PSC, Office of Commission Clerk  
**FROM:** Cristina Slaton, Executive Secretary to Commissioner Balbis  
**RE:** Docket Correspondence

## CONSUMER

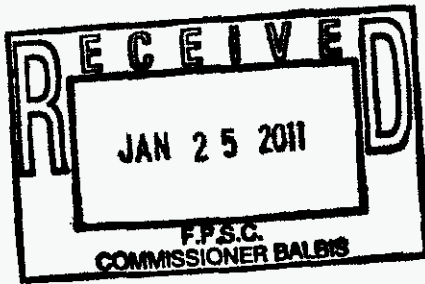
Ann,

Please place the attached correspondence sent to the Office of Commissioner Balbis in the correspondence folder for docket number 110000-07. This letter is from Mr. John G. Crean, CCM, CHA, Chief Operating Officer/General Manager for Broken Sound Club in Boca Raton, FL. Thank you.

DOCUMENT NUMBER DATE

00623 JAN 27 =

FPSC-COMMISSION CLERK



January 18, 2011

Commissioner Eduardo E. Balbis  
Florida Public Service Commission  
2540 Shumard Oak Blvd  
Tallahassee, FL 32399-0850

Dear Commissioner Balbis:

Broken Sound Club is a part of a multi million dollar residential community in Boca Raton, Florida. The Club has engaged in enormous efforts to reduce dependence on oil, decrease its' carbon footprint and to go green in all aspects of club operation. Some of the efforts include:

- Use of biodegradable ecotainer cups, elimination of Styrofoam products and plastic water bottles, recycling program for cans and plastic and separate dumpster for cardboard.
- Use of energy efficient LED light bulbs, throughout the Club facilities.
- Installation of solar panels to heat the pool and seven (7) natural gas hot water heaters on a 24/7 recirculation pump for hot water for kitchens and bath facilities.
- Composting Program – We have invested \$352,000 for digesters whereby collected grass clippings, palm fronds and bark from the golf courses are mixed with wet food from kitchen facilities are digested to produce compost for the golf course. In the first year, we expect a savings of approximately \$70,000 by reducing our garbage and debris pickups, and thereafter we would see reduction in chemicals and fertilizer cost of up to \$130,000 in the fourth year and the addition of four new job positions at the club.
- Audubon Sanctuary certification has been received for the Club Course and should shortly receive it for our Old Course.
- Reclaimed Water - The Club accepts and uses 438 million gallons of reclaimed water, for which we pay, from the City of Boca Raton for its golf course and general landscaping needs; helping the City in its efforts to discontinue the use of the ocean outfall for disposal of its wastewater into the Atlantic Ocean. Every gallon of reclaimed water accepted by the Club is one gallon not being pumped in the ocean.

DOCUMENT NUMBER-DATE

30623 JAN 27 =

Even with these efforts, the Club continues to look outside the box for additional opportunities for green cost savings. One opportunity which the Club identified, is to stabilize and eventually reduce energy costs. With the clubhouses, tennis courts and golf courses, the Club uses 14 electrical meters and has annual electrical costs of about \$650,000.00. The club consulted with several solar companies for alternatives and it was determined that a solar photovoltaic power array could be employed at the Club in the parking lot.

While the engineering appears feasible, the installation cost of such a system is extremely expensive. Renewable energy start-up costs have been identified by numerous authorities as the number one roadblock in undertaking such projects. The Club has reviewed numerous ways to finance this project. In doing so, it has found that there is a great disparity in the incentives provided by different states and even regions of Florida.

Several States have adopted programs which provide incentives for the creation of renewable energy production. One of these states, New Jersey has created the Clean Energy Program in which state utility companies are required to receive 22.5% of their energy Portfolios from renewable sources. In order to meet these requirements, a utility can purchase Renewable Energy Certificates (SREC's). Producers of solar energy (Producer) earn 1 SREC for each Megawatt generated. These SREC's are then sold to utility companies. The value of the SREC's provide an incentive to Producers for the creation of new renewable energy sources, as utilities must offer long term agreements to a Producer for the SRECs. This ensures a complete Portfolio for the utility and allows the Producer to enter into long term financing to cover the start up costs of its production facility. In addition to the revenue generated by the sale of SREC's, a Producer can then turn around and sell the actual energy generated to the utility for additional revenue.

Florida does not differentiate between credits and actual energy as there is no separate purchase of the credits; only the purchase of actual electricity generated by a Producer. Some utilities, such as Gainesville Regional Utilities (GRU), offer a "Feed-in Tariff" where a premium is paid and a long term contract is offered by the utility for excess power generated by a renewable energy system. This enables a Producer to generate long term financing for the start-up cost of the system. However in South Florida, Florida Power and Light (FPL) will only purchase the power generated by a Producer at greatly reduced rates, with no start up incentives which would allow long term financing.

This scheme must change in order to support the creation of more renewable energy facilities. We constantly hear how the Federal and State governments want to encourage and support renewable energy; however, without the development of a viable policy to surmount start-up costs, organizations such as ours, who are interested in pursuing renewable energy production, will be subject to the status quo.



January 18, 2011

Page 3

Renewable energy start-up incentives are flourishing in New Jersey, Pennsylvania and other states where there is less sun but greater initiatives for solar power. The result is successful, fully subscribed programs which have reduced energy costs and created jobs. FPL, is the largest provider of electricity in south Florida, yet its subsidiary companies have gone to Pennsylvania and New Jersey to develop solar facilities. Obviously, these subsidiaries of FPL see the benefits as incentives are provided for energy companies to develop there. With Florida unemployment averaging between 11-13%, we have a company in Florida that is generating the majority of its revenue from customers in south Florida, but is bringing jobs to other states whose regulating agencies are providing them the incentives to build solar facilities.

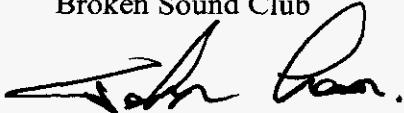
As a result, we in south Florida still have high unemployment and no uniform programs or incentives to reduce energy costs. In the long run, with increasing costs out of our control, such as medical, insurance, food products and maintenance, organizations such as ours are looking to cut the costs that we can control. Without assistance from the regulating companies to reduce energy costs, organizations will be forced to cut costs wherever possible and including reduction of the labor force resulting in an increase in unemployment even further.

Solar energy should be a hands down choice for in the Sunshine State and the government should surmount the greatest impediment to this industry and provide for greater incentives. Solar Producers will be scrambling to grab roof space and carport space. Private companies with funds will invest in their own. Electrical contractors will expand as well as small solar contractors. Companies will be purchasing solar panels, and panel manufacturers will look at Florida for manufacturing rather than go to other states. The impact on jobs and manufacturing would be significant, but we need the incentives in place.

If we take the lead, as with other programs, and initiate a solar array program, the other clubs in Florida would more than likely follow and all told would create hundreds of new jobs in the state. We are asking that a system of incentives be initiated so that potential Producers, such as the Club may off set the start up costs of such a system through long term financing.

Sincerely,

Broken Sound Club



John G. Crean, CCM, CHA  
Chief Operating Officer/General Manager