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Federal Communications Commission

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PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name and address.

A. [redacted]

Q. Was a CMP smart meter installed at your residence?

A. Yes, it was installed in the Fall of 2011.

Q. Did you have the smart meter removed? Please describe the circumstances of your request or complaint to CMP and their response.

A. On October 1, 2011, we wrote to CMP and asked that our smart meter be removed and replaced with the conventional meter that was there prior to the installation of the smart meter. Our request was based on [redacted]'s serious health issues and her medically suppressed immune system.

Q. Are you paying the opt-out fees?

A. Yes. We requested that the analog meter be replaced at no cost to us based on a medical exemption, but CMP's manager of community affairs told us that CMP has no choice or flexibility in changing or eliminating the opt-out charges and that they would reinstall the smart meter for a $40 one-time fee and $12 per month in perpetuity.

Q. Please describe why you do not want a smart meter at your residence.

A. After 14 years of devastating heart disease-including two near-fatal heart attacks from dissections of two of her major arteries, emergency by-pass surgery, and subsequent

ventricular tachycardia (deadly arrhythmia) requiring the implantation of a defibrillator-[redacted] recently received a heart transplant at [redacted] Hospital in [redacted]

The highly qualified medical experts at [redacted] Hospital, including the Chief of Infectious Disease, told us that the smart meter is not without risk because of [redacted]'s conditions and her impaired immune system.

Q. Do you or any of your family members experience electromagnetic sensitivity symptoms in proximity to radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, cordless phones, smart meters or other devices? Please describe the symptoms and the circumstances when they occur.

A. Yes. We do not use cell phones for the same reasons we do not want a smart meter at our home. We use cell phones only when travelling to [redacted]

Q. If you have physical or medical conditions, including sensitivity to electromagnetic radiation, have these conditions been diagnosed? Identify the diagnosis or description of the condition.

A. Most heart transplant patients live only 10 years. They usually do not die of heart complications. They die of infections and cancers, to which they are extremely vulnerable as a result of a medically suppressed immune system. [redacted] has little-to-no immune system to fight disease of any kind. A slight cold puts her at instant risk for pneumonia, which we've come close to several times. One killer virus resulted in her wearing a PIK line for antibiotics in her arm for six months. She is checked four times a year for multiple cancers, and has had several skin cancers

removed. We will not allow her to be put at increased risk for cancer, more cardiac arrhythmias, or other adverse health effects from the Smart Meter.

We are both well informed about [redacted]'s medical complications and the increased risks she faces when exposed to potential environmental hazards. I, [redacted], am a retired founding officer of [redacted] company. I, [redacted], am the author of a best-selling book [redacted], bringing national awareness to heart disease as the # 1 killer of American women, and I give an annual lecture at [redacted] Medical School on immunosuppression in cardiac transplant patients for the department of [redacted] Biology.

Q. Has your physician or other medical care provider made any recommendations about exposure to electromagnetic devices, including smart meters? Please attach any recommendations in writing from your health care provider.

A. The Chief of Infectious Disease at [redacted] Hospital told us that the smart meter is not without risk.

Q. Have you or any of your family members experienced symptoms or adverse effects while in the proximity of smart meters in particular (as opposed to multiple devices in question 6)? Describe the circumstances. At what distances from the meter do symptoms a) appear, b) increase and c) become acute?

A. After the smart meter was installed, [redacted] would occasionally experience dizziness and more fatigue than is normal. After the smart meter was removed, these symptoms disappeared.

Q. Please tell us anything else that you want us or the Public Utilities Commission to know about your experiences and circumstances.

A. The smart meter adds unnecessarily to my wife's already high health risks. My wife is battling several types of cancer and the smart meter puts her at an increased risk for cancer and for more cardiac arrhythmias. CMP's refusal to make accommodations for [redacted] and other people with compromised medical conditions is unethical and immoral. Being compelled to pay $144 annually, in perpetuity in order to protect [redacted]'s health is outrageous and it is an unnecessary hardship – especially when we used an analog meter at our home for 27 years at no additional cost to us.

Dated this _____ day of January, 2013.

_____
[redacted]

_____
[redacted]

STATE OF MAINE
CUMBERLAND, ss: January ___, 2013

Personally appeared the above-named [redacted] and [redacted] and stated under oath that the foregoing Affidavit made by them is true and based upon their own personal knowledge, information or belief, and so far as upon information and belief, they believe the information to be true. Before me,

_____
Notary Public/Attorney-at-Law

_____
Name Typed or Printed
My Commission Expires: _____

opposed to multiple devices in question 6)? Describe the circumstances. At what distances from the meter do symptoms a) appear, b) increase and c) become acute?

A. After the smart meter was installed, [redacted] would occasionally experience dizziness and more fatigue than is normal. After the smart meter was removed, these symptoms disappeared.

Q. Please tell us anything else that you want us or the Public Utilities Commission to know about your experiences and circumstances.

A. The smart meter adds unnecessarily to my wife's already high health risks. My wife is battling several types of cancer and the smart meter puts her at an increased risk for cancer and for more cardiac arrhythmias. CMP's refusal to make accommodations for [redacted] and other people with compromised medical conditions is unethical and immoral. Being compelled to pay $144 annually, in perpetuity in order to protect [redacted] health is outrageous and it is an unnecessary hardship – especially when we used an analog meter at our home for 27 years at no additional cost to us.

Dated this 16 day of January, 2013 [redacted]

STATE OF MAINE
CUMBERLAND, ss: January 16, 2013

Personally appeared the above-named [redacted] and [redacted], and stated under oath that the foregoing Affidavit made by them is true and based upon their own personal knowledge, information or belief, and so far as upon information and belief, they believe the information to be true. Before me,

AMANDA DIXEY
Notary Public
Maine
My Commission Expires Mar 25, 2017

Amanda Dixey
Notary Public/Attorney-at-Law
Amanda Dixey
Name Typed or Printed
My Commission Expires: March 25, 2017

[redacted]

EXHIBIT
Blumberg No. 5208
A

Ms. Sara J. Burns
President and CEO
Central Maine Power Company
83 Edison Drive
Augusta, ME 04336

Subject: Request for medical exemption to have Smart Meter removed at no cost (MPUC Docket #2010-345)

Dear Ms. Burns:

I am writing to you regarding the Smart Meter recently installed at our home. My wife [redacted] and I respectfully request that this meter be removed and replaced with the conventional meter that was there prior to the installation of the Smart Meter a few weeks ago. And we request that this be accomplished at no cost to us, based on a medical exemption.

My wife [redacted] is recovering from a recent heart transplant
After 14 years of devastating heart disease—including two near-fatal heart attacks from dissections of two of her major arteries, emergency by-pass surgery, and subsequent ventricular tachycardia (deadly arrhythmia) requiring the implantation of a defibrillator—[redacted] recently received a heart transplant at [redacted] Hospital in [redacted]. She was thin, fit, only 44, and in prime health when she had her first dissection. The cause of her heart disease was an undetected, and still not defined genetic defect. There is no heart disease in her family, and she has led a lifetime of good health habits, which saved her life twice.

[redacted] continues to work hard at doing her bit for recovery. She is an exemplary patient, who also wrote a best-selling book [redacted] bringing national awareness to heart disease as the #1 killer of American women. She appeared on [redacted], and has become a poster-child for the American Heart Association. Despite our combined and considerable effort, however, my wife's heart transplant recovery has been complicated, requiring unscheduled medical trips to MGH, some by ambulance and helicopter.

Moreover, [redacted] will be forever on immune suppressants, up to 20 drugs a day. This means, her immune system is artificially put to sleep through powerful, toxic drugs (cancer producing), so that her heart will not be perceived as an invader and fought (rejected, is the medical term) by our naturally fierce white blood cells. This is where the issue of the Smart Meter comes in.

The Smart Meter adds unnecessarily to my wife's already high risks
Based on national, longitudinal data, most heart transplant patients live only 10 years. They usually do not die of heart complications. They die of infections and cancers, to which they are extremely vulnerable as a result of a medically suppressed immune system.

Your medical experts say there is no risk from CMP's Smart Meters. But my wife has an acute medical complication. Other credible experts disagree with yours. Our experts at [redacted] Hospital, including the chief of infectious disease, who follows [redacted]s case intimately, says

that the Smart Meter is not without risk. We do not use cell phones, by the way, for the same reason that we do not want a Smart Meter.

My wife has little-to-no immune system to fight disease of any kind
A slight cold puts her at instant risk for pneumonia, which we've come close to several times. One killer virus resulted in her wearing a PIK line for antibiotics in her arm for six months. She is checked four times a year for multiple cancers, and has had several skin cancers removed. I could go on and on, but I think you get the idea. I will not allow her to be put at increased risk for cancer (or more cardiac arrhythmias) from the Smart Meter.

and I understood fully the risks of cardiac transplantation when we chose this path. To wit, I am a retired founding officer of -based, leading global company. My wife gives an annual lecture at Medical School on immunosuppression in cardiac transplant patients for the department of Biology. We are fully and intelligently engaged in this project of new life.

I am pleading with you, Ms. Burns
Please understand my concern and support my request for a medical exemption. We already have a CMP Medical Tag on the meter at our home and a red cross marker on the transformer providing service to our home. I cannot accept the medical prescription of CMP lawyers and doctors for the ongoing medical care and treatment of my wife. And to have to pay $144 annually in perpetuity for the reinstallation and use of an analog meter that served our home at no cost for 27 years is unconscionable. s heart transplant alone cost almost $400,000. Would you like me to add up all the hospitalizations as well as the cost of her meds—not to mention the cost of peace of mind? How can I allow you to install something that puts at risk the very life we are fighting to save?

Of our married life, 65% has been spent in hospitals. We have been given a huge gift: a heart that once belonged to someone else, adding to our sense of responsibility, to our determination to lead the healthiest lives possible. Kindly grant us an extension of our already extant medical exemption with CMP and at no cost to us. Thank you for your compassionate consideration.

Sincerely,

Copy to: Karen Geraghty, MPUC

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name, address and occupation.

A. [redacted]

Q. Was a CMP smart meter installed at your residence?

A. No, we opted out and kept our old meter.

Q. Are you paying the opt-out fees?

A. Yes, unfortunately. We are afraid of the consequences if we don't.

Q. Please describe why you do not want a smart meter at your residence.

A. We have many concerns about smart meters. Although they are not based on any diagnosed physical or medical conditions we currently have, I am concerned that increased exposure to radio frequency radiation over time could result in our becoming sensitive. I am well aware that this type of radiation is classified as a class 2B carcinogen by the World Health Organization. Having a very strong history of cancer in my family, I work hard to avoid carcinogens or anything that could be hazardous to me or my family. Our 1st grade daughter, for example, does not attend the primary school that is right over our back fence because it has Wi-Fi. I have read that young children are particularly susceptible to the harmful effects of radio frequency radiation as their skulls are thinner and there is more fluid in their brains and they are still developing. The only school we could find

for her that didn't have Wi-Fi in the building she would be in is 25 miles away. Consequently we are driving several thousand extra miles a year and having to come up with private school tuition just to keep her safe.

Unfortunately, the school recently installed Wi-Fi in her building. I have given the school administrators information about Wi-Fi and they are in the middle of a school-wide conversation about wireless and I expect a decision soon about what they will be doing as I have stated we wouldn't be back if there continues to be Wi-Fi in her building.

As for myself, I choose not to work in an office or workplace that is equipped with Wi-Fi, which is one of the reasons I am working as a driver, using my own vehicle where I am safe from this type of radiation.

Having a smart meter on our home would directly conflict with all of our efforts that we take to ensure our safety. These efforts are not convenient. They are costly and time consuming but we feel they are the only safe choice in today's world. While we cannot easily control our exposure in public places, our home is our safe haven. Having a meter on our home would undo all that we do to limit our exposure to this radiation.

Q. Do you or any of your family members experience electromagnetic sensitivity symptoms in proximity to radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, cordless phones, smart meters or other devices?

A. I experience occasional dizziness if I talk on a cell phone, which I use very rarely. We have no wireless devices in our home. In public I try to avoid places with Wi-

Fi, etc. due to health concerns. Although I do experience occasional dizziness when I am out, I couldn't say whether or not that is due to radio frequency radiation as it is not always clear where it is. I will note however that I spent the night at a relative's home one night and was under the impression that they did not have Wi-Fi. I was wide awake most of the night, as if it were the middle of the day, and I had no idea why since I usually sleep soundly. The next day I learned that they did indeed have Wi-Fi and that the router was very close to the bed I was sleeping in.

Q. If you have physical or medical conditions, including sensitivity to electromagnetic radiation, have these conditions been diagnosed?

A. No, I have not sought an evaluation.

Q. Please tell us anything else that you want us or the Public Utilities Commission to know about your experiences and circumstances.

A. Our concern with smart meters goes beyond health. We feel these meters with their wireless transmissions pose a serious risk to our safety. These meters are hackable. The FBI states that someone with only a moderate level of computer knowledge and possessing low-cost tools and software that's easily available online would likely be able to compromise smart meters. Having a smart meter would put our entire family at risk from invasion of privacy, unauthorized access to our personal information and information about our habits and whether or not we are home, and the threat of an attack on the smart grid which could shut off our power. The smart grid is vulnerable, according to former CIA Director James

1 Woolsey. These concerns, coupled with health concerns and the health and safety

2 concerns echoed by major agencies and organizations which are designed to

3 protect us, render these meters anything but smart for our family.

Dated this 22nd day of January, 2013.

[redacted]

STATE OF MAINE
CUMBERLAND, ss: January 22nd 2013

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by her is true and based upon her own personal knowledge, information or belief, and so far as upon information and belief, she believes the information to be true. Before me,

Notary Public/Attorney-at-Law

GREGORY S. ABBOTT
Notary Public
State of Maine
My Commission Expires January 29, 2018

Name Typed or Printed
My Commission Expires:

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name and address.

A. [redacted]

Q. Was a CMP smart meter installed at your residence?

A. The meter was installed on 10/26/10 when I was not home. When I came home from an errand that day, the burglar alarm had gone off and the computer in the house was screwed up. The installers left a note that I found in the driveway. I called CMP to complain about the alarm and computer. They reimbursed me for the cost to fix the computers.

Q. Did you experience any unusual symptoms after the meter was installed?

A. Not immediately, but my energy level was gradually diminished and I began having regular headaches. I had never had headaches before.

Q. Did you ask to have the smart meter removed?

A. Not right away. I did not make the connection between my symptoms and the smart meter until I was talking to my neighbor about my headaches and low energy. He mentioned the smart meter and I realized that it was a potential cause of the symptoms. I called CMP on 3/8/11 and complained about constant headaches and low energy. CMP scheduled to remove the smart meter and replace it with the analog meter on 3/21/11.

Q. Are you paying the opt-out fees?

A. No.

Q. Please describe why you do not want a smart meter at your residence.

A. It was the smart meter that I believe gave me headaches and "zapped" my energy level. I woke up every morning with a low grade headache and felt tired all of the time.

Q. Do you experience headaches or other symptoms when in proximity to other radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, or cordless phones?

A. No, I seldom use my computer, microwave oven or cell/cordless phones, and if I do it is for a very short period of time.

Q. Did the symptoms subside after they removed the smart meter?

A. Yes. After a short period of time I realized I no longer had headaches when I woke up. My energy level is back to normal.

Q. Has your experience with smart meters caused any disruptions in your daily living? Please describe the circumstances?

A. No. It just slowed me down and gave me aggravating headaches.

Q. Please tell us anything else that you want us or the Public Utilities Commission to know about your experiences and circumstances.

A. Many of my neighbors and friends became "sick" after the smart meter was installed. I will not pay CMP to abstain from putting a smart meter on my home,

Q. Do you experience headaches or other symptoms when in proximity to other radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, or cordless phones?

A. No, I seldom use my computer, microwave oven or cell/cordless phones, and if I do it is for a very short period of time.

Q. Did the symptoms subside after they removed the smart meter?

A. Yes. After a short period of time I realized I no longer had headaches when I woke up. My energy level is back to normal.

Q. Has your experience with smart meters caused any disruptions in your daily living? Please describe the circumstances?

A. No. It just slowed me down and gave me aggravating headaches.

Q. Please tell us anything else that you want us or the Public Utilities Commission to know about your experiences and circumstances.

A. Many of my neighbors and friends became "sick" after the smart meter was installed. I will not pay CMP to abstain from putting a smart meter on my home, that is harmful to me and my family and friends; and I don't want or need. I consider that to be extortion.

Dated this 22 day of January, 2013.

[redacted]

STATE OF MAINE
CUMBERLAND, ss: January 22, 2013

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by him is true and based upon his own personal knowledge, information or belief, and so far as upon information and belief, he believes the information to be true. Before me,

Pamela E. Lovley
Notary Public/Attorney-at-Law
Pamela E. Lovley
Name Typed or Printed
My Commission Expires: 6/21/2014

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name, address and occupation.

A. [redacted] I am a retired [redacted] and a retired [redacted]

Q. Was a Sensus AMI smart meter installed at your Mother's (Helga Felicijan) residence? If so, state approximately the date when it was installed.

A. Yes, a Sensus AMI smart meter was installed at my Mother's residence. The smart meter was installed approximately September of 2009.

Q. Is your Mother paying an opt-out fee?

A. No. My Mother would like to opt-out but that was not available until 2010. Further, she has no option for a Non-RF emitting smart meter option so it does her essentially no good to opt out.

Q. If a smart meter has not been installed, or if one was installed but removed and replaced by an analog meter at your request, please describe the circumstances of your request or complaint to CMP and their response.

A. My Mother asked for an opt-out based upon the Americans with Disabilities Act due to her problems with racing heart. Her utilities opt-out option still uses RF radiation technologies and will not help her. They have not answered her ADA request and it has been over 9 months. My mother doesn't want a smart meter

because it has increased her irregular heart rate hospitalizations. Since a faraday cage has been put around her smart meter her irregular heart rates have reduced. However, she now requires more medication to keep them in check as it is impossible to avoid smart meters in her town.

Q. **Have you had a problem with the Sensus Smart Meter installed at your Mother's house?**

A. Yes. I visited her for a little over 2 weeks in 2010. At the time, I didn't have smart meters in my area. While at my Mother's home I had intense headaches, trouble sleeping, and heard constant buzzing/humming sounds. My mother's smart meter is installed approximately 6 feet from common living areas. I didn't realize that my Mother had a smart meter installed just outside the bedroom/kitchen area where I spent much of my time. I noticed that when I drove home along the rural Columbia River my symptoms all left me. These symptoms did not return until Southern California Edison began major deployments of Itron Smart Meters in my area.

Q. **If you do not currently have a smart meter, are you paying the opt-out fees?**

A. I do not and have never had a smart meter on my home because I paid an opt-out fee of $75.00 and $10.00 per month to read the meter. However, I hear the buzzing and get headaches from the smart meters installed in my area. I have approximately 72 smart meters installed in the other townhomes in my complex. The meters are installed approximately 45 feet from my home.

1 **Q. Please describe why you do not want a smart meter at your residence.**
2 **Identify any health concerns you may have about smart meters and whether**
3 **these concerns are based upon any specific physical or medical conditions**
4 **that you or any of your family members may have.**
5 A. I don't want any smart meters on my home or anywhere around my home because
6 I can hear a constant buzzing/humming sound from the meters 24 hours a day.
7 When these meters transmit, I get intense migraine type headaches that last for
8 the duration of the transmissions (generally 15 seconds). The closer I am to the
9 smart meter when it transmits the more intense the pain is. I also find that the
10 smart meter transmissions wake me up in the middle of the night generally
11 around 3:30 a.m. I know several people who have the same reactions to the
12 meters as I do and get awakened at around 3:30 a.m. as well.
13 **Q. Have you tried to verify that it is actually the smart meters causing your**
14 **health problems?**
15 A. Yes. Before the smart meters were deployed throughout the area, I could go out
16 to smart meter free zones and not have any symptoms. As soon as I get back to
17 the smart meter area I hear the buzzing/humming immediately. I did this at least
18 7 times in order to verify that it was indeed the smart meters that were giving me
19 the buzzing/humming and headache problems. I have also noted that recently the
20 rural areas around me have been deployed. I have noted that as I travel through
21 the hills I can tell when the RF signal weakens and when I almost cannot hear it,

it will increase again to full strength and within a few feet I can see the repeater infrastructure on the power poles.

Q. **Do you or any of your family members experience electromagnetic sensitivity symptoms in proximity to radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, cordless phones, smart meters or other devices? Please describe the symptoms and the circumstances when they occur.**

A. My mother has trouble sleeping and has rapid heart rates so intense that she has been hospitalized several times. I hear a constant buzzing/humming that drives me crazy after a while. I also have sleep disturbances. Prior to smart meters I never had a problem falling asleep. I get severe headache pain similar to a migraine when the meters transmit data. I have more severe joint pain, my skin itches, and I am more fatigued and have troubling concentrating. My neighbor has had headaches and has lost the hearing in one of her ears due to inflammation. Prior to the smart meters, I didn't have these kinds of symptoms. Prior to the smart meters, my mother had very few (1-2 per year) heart irregularities. That has risen to at least 4 times the rate prior to smart meters.

My mother and I have cell phones with no internet abilities and low RF emissions. Our phones are not used very frequently as they are primarily for emergency use. We both have cell phone shields for our phones. My mother and I do not use the microwave oven, don't have cordless phones, and don't have Wi-Fi. I live at least 1300 feet from any cell tower. My mother's closest cell tower is approximately 10 miles away.

1 **Q. If you have physical or medical conditions, including sensitivity to**
2 **electromagnetic radiation, have these conditions been diagnosed? Identify**
3 **the diagnosis or description of the condition.**
4 A. My Mother has been diagnosed with an irregular/racing heart rate, high blood
5 pressure, diabetes. I have COPD and peripheral neuropathy.
6 **Q. Have you or any of your family members experienced symptoms or adverse**
7 **effects while in the proximity of smart meters in particular (as opposed to**
8 **multiple devices in question 6)? Describe the circumstances. At what**
9 **distances from the meter do symptoms a) appear, b) increase and c) become**
10 **acute?**
11 A. While spending approximately 2-3 hours putting a faraday box around my
12 Mother's smart meter that sits on a pole, my brother got a severe headache, felt
13 nauseous, had trouble sleeping that evening, and felt as if he had flu-like
14 symptoms. He has never had a reaction to RF radiation like that before. Once he
15 left the proximity of the box and it was incased in the faraday cage with only a
16 small opening (2 x 2 inches) pointed away from the home he began to feel much
17 better. This was an interesting reaction because it didn't necessarily believe that
18 the smart meter could be a problem. After his experience, he is convinced that
19 smart meters are dangerous. He believes that nothing should be allowed on a
20 home that makes people ill.
21 **Q. Have you observed any pets exhibiting adverse reactions to smart meter**
22 **transmissions? Describe the circumstances.**

1 A. My boarder terrier reacted negatively to smart meters. My dog was partially
2 blind and deaf but when we would walk within 10 feet of a smart meter he would
3 try to run as if he was in pain or scared. Once we got about 50 feet away from the
4 smart meter, he would relax.

5 **Q. If you had a smart meter for a period of time and experienced or observed**
6 **symptoms or adverse reactions, did those symptoms or adverse reactions**
7 **cease when the smart meter was removed? Describe the circumstances.**

8 A. I have noted that within hours of smart meters being totally deployed in my
9 neighborhood my symptoms got much worse. I investigated the situation because
10 I didn't notice the deployments as I heard the buzzing first. When I investigated I
11 saw that my neighborhood was deployed. Prior to the CPUC allowing SCE to
12 deploy, most of my neighbors had been on the delay list for installation. The
13 primary reason they don't opt-out now is because they don't have the extra
14 money in this economy to pay the opt-out fees.

15 **Q. Has your experience with smart meters caused any disruptions in your daily**
16 **living? Please describe the circumstances?**

17 A. My daily living is severely disrupted. I don't sleep well and have trouble
18 functioning properly during the day. When the transmissions occur the pain is so
19 intense I stop what I'm doing. The constant buzzing/humming drives me crazy. I
20 used to be able to drive into the hills (20-30 miles away) for relief but as everyone
21 around me is deployed the pain is only more intense and there is no place to go to
22 get away from the sounds.

1 **Q. Please tell us anything else that you want us or the Public Utilities**
2 **Commission to know about your experiences and circumstances.**
3 A. I believe that smart meters and RF radiation have NEVER been properly
4 evaluated for safety. This is particularly true for women, children, and the unborn
5 that are generally more susceptible to toxins in the environment. I believe that
6 smart meters are not safe and that it is cruel and heartless to expose people to
7 constant pain and suffering for something that doesn't even save energy.
8 I don't have a smart meter but my neighbors smart meter RF signals
9 invade my home. I believe that this violates my home and I have had my
10 property and safety taken from me without compensation or permission.
11 I know that human bodies don't experience pain without cause. Thus, I
12 know that there will be some kind of long term health consequences to all these
13 smart meter deployments. As a teacher who is in special education and has seen
14 children with disabilities on the rise, I believe that RF radiation may play a big
15 part of the problem. I know I have trouble concentrating around these RF signals
16 and children are more sensitive and would likely have more problems. Children
17 just don't tell us often because they don't know any other reality. Thus, they
18 don't realize the buzzing and headaches are not normal.
19 I believe that no public utilities commission should be allowed to rule on
20 any RF issue if they have any connections to industries that are RF technology
21 producers or users.

I believe that Utility Commissioners should be fitted with a device that makes them hear a buzzing 24 hours per day, makes their heart race uncontrollably so that they must be hospitalized at least 1 time per week, gives them headaches 4 times per hour, wakes them up in the middle of the night, and leaves them exhausted. I believe that after just 1 month of this, they would outlaw every smart meter in their state. These are not mild symptoms but ones that devastate and destroy your life. You live but not well and not with a quality of life that we are guaranteed by the Constitution of the United States. Smart meters are dangerous and over time I am convinced that they will increase health care costs in this country.

Dated this 31st day of January, 2013.

[redacted]

STATE OFCALIFORNIA
ORANGE, ss:

January 31, 2013

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by her is true and based upon her own personal knowledge, information or belief, and so far as upon information and belief, she believes the information to be true. Before me,

See Attached

Notary Public/Attorney-at-Law

Name Typed or Printed
My Commission Expires: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Orange }

On 1/31/13 (Date) before me, TEJASH DESAI, NOTARY PUBLIC,

personally appeared [redacted],

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

TEJASH DESAI
COMM. # 1946108
NOTARY PUBLIC - CALIFORNIA
ORANGE COUNTY
MY COMM. EXP. JULY 30, 2015

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ Signature of Notary Public

Place Notary Seal Above

OPTIONAL

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- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer's Name: _____
- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
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PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name, address and contact information.

A. [redacted]

Q. **Was a smart meter installed at your residence?**

A. No

Q. Did you offer to provide testimony in another proceeding about your experience with smart meters?

A. Yes. I have experienced a variety of health problems related to smart meters and I offered testimony in a Michigan Public Service Commission hearing (Case No U-17053) reviewing a proposed opt-out program for Detroit Edison Company's Advanced Metering Infrastructure. Unfortunately, the Commission would not accept any testimony about health and safety issues.

Q. Is the attached document marked as Exhibit A a true and accurate copy of the testimony that you offered to provide to the Michigan Public Service Commission?

A. Yes it is.

Q. Are the statements that you made in the attached Exhibit A still true and accurate?

A. Yes.

Q. Do you wish to add anything here not included in your statement in Exhibit A?

A. My experience with smart meters and digital meters has been everywhere but my own house – my work plaees, in businesses, at the library, in government buildings, at the houses of friends, in churches. My own house is still a relatively safe place to be because I have an analog meter, which has no negative impact on me. The houses around me have smart meters and I am impacted by those meters. One does not need a smart meter on ones own house to be impacted by the radio frequencies emitted by tens of thousands of smart meters in a community.

Q. Do you want to submit the statements in Exhibit A to the Maine Public Utility Commission for consideration in its pending proceeding to investigate the safety of smart meters?

A. Yes. I submit the attached sworn testimony in support of complainants Ed Friedman, et al in their case before the Maine PUC as evidence that smart meters are not safe.

[redacted]

STATE OF MICHIGAN
WASHTENAW, ss

January 28, 2013

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by her is true and based upon her own personal knowledge, information or belief, and so far as upon information and belief, she believes the information to be true. Before me,

Notary Public

Name Typed or Printed

My Commission Expires: _____

LISA P REIFERT
Notary Public, State of Michigan
County of Washtenaw
My Commission Expires Feb. 24, 2018

1

EXHIBIT A

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application and request of the DETROIT EDISON COMPANY seeking approval and authority to implement its proposed Advanced Metering Infrastructure opt out program.	)))))	Case No U-17053

QUALIFICATIONS AND DIRECT TESTIMONY OF

[redacted]

QUALIFICATIONS OF [redacted]

Q. Do you swear that the testimony you are about to give is the truth, the whole truth, and nothing but the truth?

A. I do.

Q. Please state your name, address and contact information.

A. [redacted]

Q. On whose behalf are you testifying?

A. That of Intervenor Cynthia Edwards.

Q. What are your qualifications to testify?

A. I take my electric service from Detroit Edison. I have been affected by the smart meter installation in the community in terms of my health

DIRECT TESTIMONY OF Cynthia Edwards

Q. What is the purpose of your testimony?

A. To provide information that may help the Commission in determining whether smart and digital meters create certain kinds of economic, medical, social, or other harm or hardship, as outlined in Intervener Cynthia Edwards Petition for Intervention, to some or all persons such that Detroit Edison and the Commission must not require those who are or who are likely to be so harmed to have a smart or digital meter placed on their home or place of business or to be otherwise deprived of rights and liberties, as outlined in Intervenor Edwards Petition for Intervention, by the deployment of the advanced metering infrastructure, smart meters, or digital meters, and, in the alternative, that such persons must be able to avoid such harm to their person and property without being charged a fee.

Q. How long have you lived at your current residence?

A. March 31,2012.

Q. What do you do for a living?

A. I have worked at [redacted] since 2008. I also have been a landscape gardener for 35 years, and am a receptionist at [redacted]

Q. Do you have a smart meter on your home?

A. No

Q. When as the first time you learned about smart meters?

A. I saw a magazine article sometime in 2011 talking about improving the electric grid which mentioned smart meters, and also talked about how they were going to save energy and reduce energy consumption, of which I am very in favor of.

Q. So prior to reading this article, you knew nothing about smart meters?

A. No.

q. Did you have any concerns about smart meters at that time?

A. No. They seemed like a great idea.

Q. Why did you become concerned about smart meters?

A. I received an email from a friend with information saying there were health problems associated with smart meters and there were issues that the electric companies weren't addressing, but I didn't pursue looking into it. I forgot about it until I received a letter from DTE saying a smart meter was going to be installed on my house within a few weeks. Because I had heard more negative information in the meantime, and I was becoming

concerned, I attended a talk at a bookstore in Ann Arbor a few weeks later, which presented information on the health impact of smart meters and radio frequencies. I became very concerned for my health and decided to learn more.

Q. What did you do then?

A. I called DTE to say I didn't want a smart meter and had a 45 min argument on the phone with a customer service person. The assured me there were no problems with the meters and said there was nothing I could do to stop the installation even if my doctor said I shouldn't have one because of my health issues. I then sent a certified letter to DTE saying not to install a smart meter on my house because I had health issues that it would negatively impact and locked my meter. I then called a Mrs. Curtis at DTE and discussed the situation. She told me she would put me on an "opt-out" list, but that the details of that were yet to be decided. This was in mid-late June.

Q. What are the health issues you refer to?

A. I have a compromised immune system and digestive system, an irregular heartbeat, and have had fatigue and sleep issues. I have hypothyroidism which I take medication for. I have worked hard and at great expense for many years to build my health and strength so that I can functional normally in the world. My doctor said it would not be safe for me to have a smart meter on my house. She also told me to limit my exposure to all radio frequency devices.

Q. Have you noticed any effects from smart meters?

A. When I go into buildings with smart meters I experience heart palpitations, tightness in my chest and head, headaches, mental confusion, my ears ring at a very high level

Q. How do you know it is smart meters and not something else?

A. Before the installations of smart meters in Ann Arbor, my health symptoms were minor and under control. I was doing hard physical labor without problems. Late this spring I started having an increase in heart issues, increased fatigue, and cognitive issues with memory and fuzzy thinking at work. And I started having headaches, which I rarely ever had. This was all before I knew anything about smart meters and their impact. My symptoms have increased steadily since then from exposure outside of my house. So I am extremely worried about a smart meter being installed on my house and these symptoms becoming worse. From what I have researched, the physical impact is cumulative and does not just go away, but continues to degrade health.

Q. Have you had sensitivity to any other electrical or wireless devices other than smart meters?

A. I have always been negatively impacted by fluorsecent lights, which cause me to feel fatigued. With what I have learned about radio frequencies I think I am impacted by radio phones and just never made the connection to what I was experiencing.

Q. Have the health effects you experience as a result of smart meters affected your ability to work and earn a living? If the answer is yes, describe how.

A. Not in a big way yet. I do notice I am a lot more tired now that there are smart meters in my work place and virtually everywhere I go. I have had to call in sick several times since spring with terrible headaches as well. If my symptoms increase I could be at risk of losing my job and not having the energy to do physical labor.

Q. Have the health effects you experience as a result of smart meters affected your ability to interact socially with others? If the answer is yes, describe how.

A. Somewhat. I find I don't enjoy going out any more because I am feeling the impact of the meters and just don't want to be exposing myself to the damage it is doing.

Q. Have the health effects you experience as a result of smart meters affected your ability to access public services, such as the public library, government offices? If the answer is yes, describe how.

A. Yes. I can't stay in the library for very long as my heart starts acting up and my head gets tight, sometimes I get a headache, and my thinking gets fuzzy.

Q. Have the health effects you experience as a result of smart meters affected your ability to freely assemble outside? If the answer is yes, describe how.

A. No.

Q. Have the health effects you experience as a result of smart meters affected your ability to access religious or spiritual services? If the answer is yes, describe how.

A. Yes, when I go to a place with a smart meter because of the physical impact. I don't want to be there because I don't feel well.

Q. Have the health effects you experience as a result of smart meters affected your ability to freely access health services? If the answer is yes, describe how.

A. I notice the impact but I go anyhow, because what else can I do?

Q. DTE has asked the Commission for approval of a plan that would not allow anyone to keep their analog meter. Instead, those choosing to opt out of smart meter installation, if an opt-out is instituted, will be forced to take a 3-watt digital meter on their house. Have you had experience with the 3-watt digital meter?

A. Yes.

Q. What was that experience like?

A. I was recently in a house with the 3-watt digital meter. After I had been there a while my heart began pounding, my head felt buzzy and very tight, and my ears were ringing very loudly. I took my blood pressure and it was 145 over 75. Because I have chronically low blood pressure (often less than 100) this was quite alarming. , The woman who lives there had also been experiencing severe problems which included increased blood pressure. If the same meter was installed on my house I would be in big trouble.

Q. Do you have anything else to say regarding smart meters?

A Yes. I don't want to have to pay for something that is endangering my health. If these meters have to be installed then I expect DTE to install mitigation devices to protect me from the negative impacts. If I'm to have no choice then DTE has to bear the cost of protecting me.

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name, address and occupation.

A. [redacted]

Q. Was a CMP smart meter installed at your residence? If so, state approximately the date when it was installed.

A. Yes, September 2011.

Q. If a smart meter was removed and replaced by an analog meter at your request, please describe the circumstances of your request or complaint to CMP and their response.

A. My wife was developing acute hypersensitivity to the smart meter and we requested its removal. It began with ringing in her ears while watching TV sporadically. She didn't watch often because she was often away from home working on projects in the field. [Our TV is located in our living room with large window facing the neighbor's smart meter about 28' away.] [redacted] went to Texas for 5 weeks in March and April 2011, and upon return home her ear ringing escalated such that she sought medical attention. With greater exposure to TV now that she was home in August and September, 2011, the ringing escalated as did her inability to sleep well.

Finally it became too much and we called CMP to have the smart meter removed and replaced with an analog meter. Throughout, we kept CMP advised of her reactions and they were for the most part dismissive. CMP removed the smart meter on 10 October, 2012.

Q. If you do not currently have a smart meter, are you paying the opt-out fees?

A. Yes.

Q. Please describe why you do not want a smart meter at your residence.

A. We do not want a smart meter because we are concerned over mounting health problems related to the meters which we did not fully understand. Unfortunately we both had become ill by the time we were aware of the magnitude of the risks and serious devastating consequences to our health.

Our work has been adversely affected and related stress has been profound.

My wife had also had Lyme Disease and was treated with antibiotics over the previous year making her immune system weaker and more susceptible to the assault from smart meters.

I experienced ringing and pressure in both ears and inability to sleep for days and weeks. I have lost 11 pounds. The symptoms, for both me and my wife, became so bad we had to abandon our house of 33 years.

[redacted] has developed a horrible hypersensitivity to radiofrequency waves and sound in general. She has ear ringing in her left ear ranging from light ringing to intense when near smart meters or in vicinity of other RF devices, like in airports shopping areas in town and on flights. She has lost her ability to sleep.

[redacted] now has tingling and burning in both hands when close to smart meters, or other wireless devices emitting RF. Her hands and fingertips turn red and or become covered in red blotches. She now suffers from heart palpations and has lost 10 pounds. In August, 2012, she started to feel "lightning bolts" in her left eye following the viewing of Democratic convention on TV. It may be that our TV, facing the living room window and the neighbor's smart meter, was reflecting emissions from their meter directly to our eyes. Around this time all symptoms increased and we had the meter removed in October.

Q. Did your symptoms or adverse reactions cease when the smart meter was removed?

A. Not at all. When our meter was removed, the situation seemed to grow worse or at least our sensitivity was now in a more acute stage. Though my wife had repeatedly asked if I heard the ringing I did not until our meter was removed. Our neighbor's smart meter is about 28' away directly in line with our living room window. Our symptoms were the worst in our living room and our bedroom, which is directly above the living room. It became impossible to remain in either room as our conditions of sensitivity became more acute in October, November and December, even after our meter was removed. Our own smart meter was on the opposite side of our house from our neighbors.

When our symptoms did not improve following our meter removal, this led us to believe the neighbor's meter was more detrimental to our health than our own had been. In fact there was a several day period when the neighbor's meter was removed and temporarily swapped back to an analog meter and during this

time our symptoms lessened. When the neighbor's smart meter was replaced, our symptoms intensified.

Even with the entire living room covered with 2 layers of grounded aluminum and a 4x8' sheet of corrugated metal outside the window which is also covered with grounded aluminum we still experience ear ringing only less so. The ear ringing is much more pronounced now upstairs in our bedroom and affects us even in a very short period. We have noticed the ringing appears worse during inclement weather with clouds and or rain. In October and November upon returning from work the ringing would begin upon entering our home.

Q. Have you received medical attention for your symptoms?

A. We both had complete physicals with blood work at [redacted] Family Medicine. See Exhibits A and B. No middle ear or ear infections noted. Caregiver was unaware of smart meter issues. We both received intensive acupuncture treatments in November and December with the acupuncturist recognizing the seriousness of our conditions, the similarity to acute toxicity cases observed in other patients and the assault to our health. See Exhibit C

Q. Has your physician or other medical care provider made any recommendations about exposure to electromagnetic devices, including smart meters?

A. Recommendation to minimize time in our home and to get out of and stay out of this toxic RF environment as soon as possible. Recommendation was also to take things one step at a time because as devastating as the problem is, it is overwhelming. Taken as a whole, the stress would make us weaker and unable to

deal with the ravages of the problem. So, our coping with this has been incremental, day by day in survival mode.

Q. Has your experience with smart meters caused any disruptions in your daily living? Please describe the circumstances?

A. Yes! Our lives have been devastated. It has affected our health and our [redacted] business. We have had to leave our home with 4 cords of wood put away in the barn for winter and the garlic we planted for next year. Everything in our lives has been adversely affected, including relationships within our community and with our neighbors. Our lives have been totally interrupted/imploded and become surreal. We could never have imagined something this devastating could happen to us.

Q. Please tell us anything else that you want us or the Public Utilities Commission to know about your experiences and circumstances.

A. It is unbelievable these problems are occurring with the PUC-sanctioned CMP wireless RF meters. People's lives, our lives, have been devastated with traumatic effects, perhaps leading to life-long disabilities. It is no exaggeration to say this experience has been torture for us. We could never have imagined this would happen to us; our health and work destroyed and our home of 33 years becoming toxic to us. The whole thing has been surreal in the extreme.

The belittling of our health concerns we repeatedly reported to CMP has been one of the worst if not the most horrendous nightmares of our lives. To not be accountable for their product [smart meters] and simply remove it from the

1 neighbor's [with such health concerns raised] is unconscionable. We have
2 bounced from client's homes, friend's houses and our tents in sub-freezing
3 temperatures for months and CMP has known this every step of the way.
4 We were forced to leave our home of many decades while CMP repeatedly
5 tells us there is nothing they can do and that the meters are safe. Home is where
6 the heart is, it is a sacred space for all of us. For us, that home was destroyed.

Dated this 14 day of January, 2013.

[redacted]

STATE OF MAINE
WALDO, ss: January 14, 2013

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by him is true and based upon his own personal knowledge, information or belief, and so far as upon information and belief, he believes the information to be true. Before me,

Deborah K Hoover
Notary Public/Attorney-at-Law
DEBORAH K HOOVER
Name Typed or Printed
My Commission Expires: Aug 17, 2019

EXHIBIT A

Blumberg No. 5208

WINTERPORT FAMIL MEDICINE *(A Division of Sunbury Primary Care)* [redacted]

NAME: [redacted] CHART # [redacted]

DATE 11/18/12 VS T: 97.9 BP: 100/70 P: 74 Wt: 126.2 Ht: V/A O S O D

Visit Type ☐FU ___ D W M ☐ Acute ☐ Hosp/ER FU ☐ CPX ☐ Consult ☐ Other ☐ New ☐ Estab Initials

CC (R) poss ear infection

HPI ☐Location ☐Quality ☐Severity ☐Timing ☐Duration ☐Context ☐Modifying Factors ☐Assoc S&S
Brief: Acute problems: 1-3 Elements or 1-2 Estab Problems Extended: Acute Problems: 4+ Elements or 3+ Estab Problems

? Ear infection feels swollen - took tylenol - helped some. ⊖ Congestion ⊖ C/C/C. No pain in dentals - just cleaned. Still has battling eyes discom. She has headache, burning pain & (R) eye pain. She is due to see Dr Hersey shortly.

1 SH: Smoker: Current Former (N) PPD: ___ ETOH: Y (N)
Exposure: Y (N) Marital Status: S (M) D W
Occupation: [redacted]

2 FH: ☐ No Change-See:

3a PMH: ☐ No Change-See: Immunizations, Surgery, Trauma, Illnesses, Hospitalizations

3b MED ALLERGY: ☐ No Known Drug Allergies (✓) No Change-See: 1137

3c MEDS (✓) No Change-See: 1137 ☐ No Medications

EXAM	NL	See Note
ORGAN SYSTEMS		
Const	✓	
Eyes		
ENT/M		
CV	✓	
Resp	✓	
GI		
GU		
MS		
Skin		
Neuro		
Psych		
Heme Lymph Immuno		
BODY AREAS		
Head		
Neck		
Chest Breast		
Abd		
Gen		
Back		
Extrm		

Checkmark = Exam

☐ No Distress

TM's clear but (R) pre-auricular area red & swollen. The (R) ext canal seems swollen as well compared to (L).

Hands appear NML. NML function

ROS	NL	ABNORMAL	See Note
Const		☐ Fever ☐ Lethargy ☐ Distress ☐ ⇩ Sleep	
Eyes		☐ ⇩ Vision ☐ Pain ☐ Redness ☐ D/C	
ENT/M		☐ ⇩ Hearing ☐ ST ☐ Pain: _____	
CV		☐ CP ☐ Palpitations ☐ Syncope ☐ Ankle Swelling	
Resp		☐ SOB ☐ DOE ☐ Cough ☐ Wheezing	
GI		☐ Constip ☐ Diarrhea ☐ Indig ☐ ⇩ Appetite ☐ N/V	
GU		☐ Dysuria ☐ Hematuria ☐ Nocturia ☐ Abnl Menses	
M/S		☐ Swelling ☐ Stiffness ☐ Pain: _____	
Skin Breast		☐ Rash ☐ Itching ☐ Mass ☐ DC ☐ Jaundice	
Neuro		☐ Weakness ☐ Dizzyness ☐ Confusion	
Psych		☐ Depression ☐ Anxiety ☐ Panic Disorder	
Endo		☐ Heat/Cold Intol ☐ Goiter ☐ Hair Loss	
Heme Lymph		☐ Lymphadenopathy ☐ Bruising	
Allergy Immun		☐ Hives	

#	ASSESSMENT E = Estab/Chronic N = New M = Minor/Self Limited S = Stable U = Unstable W = Work Up Needed	E/S	N/U	M/W
	(R) pre-auricular cellulitis			
	? Lyme Disease			

#	PLAN	RTC: ___ D W M PRN
	Keflex 500 mg PO TID x 14 days	
	Apply warm moist towels 3-4 x day.	
	Again offered her Appt c ID but she declines - she will see us again in 2 weeks left me know how she would like to proceed	? Therapy VS Herbals.

Health Maintenance ☐ Mammo ☐ Flu Vax ☐ Pneumovax ☐ dT ☐ Scrn Colonscpy ☐ B Density ☐ PSA

DX: ☐ SL/M =1 (Max=2) ☐ Each Est Prob=1 (+1 if Unstable) ☐ New Prob - No WU=3 (Max=3) ☐ New Prob w/WU= 4

Data: ☐ Review/Order Lab, EKG,XR,Oxi=1 ea ☐ Indep Rev Image =1 ☐ Discuss w/Doc=1 ☐ Obtain Old Records=1 ☐ Summary/Review Old Records or Obtain Additional Hx = 2 (Specify)

Hx - Need 3 of 3 at or above level

HPI		ROS	PFSH	Level
Brief 1-3 Acute Elements	or Brief 1-2 Estab Problems	0	0	PF
		1	0	EPF
Extended 4+ Acute Elements	or Extended 3+ Estab Problems	2-9	1	D
		10+	2/3	C

MDM - Need 2 of 3 at or above level

Dx	Data	Risk
1	0-1	1 SL/Minor
2	2	2+ SL/Minor, 1 Estab Stable, OTC Rx, PT/OT 1 Acute Uncomplicated Illness or Injury
3	3	1+ Estab Unstable, 1 Acute w/Systemic Sx 2+ Stable Estab, New Prob/?Prog, Rx Med
4	4	Life threat, Suicide, Abrupt Neuro Change Estab Very Unstable, Intense Rx Mon, DNR

CODE: Estab: 2 of 3 at/above level New: 3 of 3

MDM	Hx	Exam BA/OS	Estab New	Time (min)
SF SF	PF EPF	1 2-4	99212 99202	10 20
LC LC	EPF D	2-4 5-7	99213 99203	15 30
MC MC	D C	5-7 8+OS	99214 99204	25 45
HC HC	C C	8+OS 8+OS	99215 99205	40 60

☐ Counseling/Coordination > 50% (C/C Time ___ min/Total Time: ___ min)

Signature [redacted]

Version 05/05/11 Copyright Sunbury Primary Care

[redacted] FAMILY MEDICINE (A Division of [redacted] Primary Care) [redacted]

NAME: [redacted] CHART # [redacted]

DATE 5/1/12 VS T: BP: 110/76 P: 62 Wt: 123.8 Ht: V/A O/S O/D

Visit Type ☐FU ___ D W M ☒Acute ☐ Hosp/ER FU ☐ CPX ☐ Consult ☐Other ☐New ☐Estab Initials

C/C: Pain in eye

HPI ☐Location ☐Quality ☐Severity ☐Timing ☐Duration ☐Context ☐Modifying Factors ☐Assoc S&S
Brief: Acute problems: 1-3 Elements or 1-2 Estab Problems Extended: Acute Problems: 4+ Elements or 3+ Estab Problems

(R) eye pain since Friday. Pt points to the lateral corner of the (R) eye. Pt eating tomatoes & chocolate. Has a H/o Lyme dz. and she was feeling well. Pt taking ~~Doxycycline~~ Keflex for cellulitis in foot. Traveled to Texas for ~ 3 months, hiked & did not have any of her constitutional sx. However pt eating tomatoes & chocolate last weekend all of her sx came back. The (R) eye feels like there is something in it. Denies trauma.

1 SH: Smoker: Current Former (No) PPD:___ ETOH: Y (N)
Exposure: Y (N) Marital Status: S (M) D W
Occupation: [redacted]

2 FH: ☐ No Change-See:

3a PMH: ☐ No Change-See: Immunizations, Surgery, Trauma, Illnesses, Hospitalizations

3b MED ALLERGY: ☐ No Known Drug Allergies (X) No Change-See: list

3c MEDS (X) No Change-See: list ☐ No Medications

EXAM	NL	See Note
ORGAN SYSTEMS		
Const	✓	
Eyes		
ENT/M	✓	
CV	✓	
Resp	✓	
GI		
GU		
MS		
Skin		
Neuro		
Psych		
Heme Lymph Immuno		
BODY AREAS		
Head		
Neck		
Chest Breast		
Abd		
Gen		
Back		
Extrm		

Checkmark = Exam

☒ No Distress
Awake alert
Exophthalmos. Appears to be a stye (R) upper lateral eyelid.

ROS	NL	ABNORMAL	See Note
Const		☐ Fever ☐ Lethargy ☐ Distress ☐ ⇩ Sleep	
Eyes		☐ ⇩ Vision ☐ Pain ☐ Redness ☐ D/C	
ENT/M		☐ ⇩ Hearing ☐ ST ☐ Pain:_____	
CV	✓	☐ CP ☐ Palpitations ☐ Syncope ☐ Ankle Swelling	
Resp	✓	☐ SOB ☐ DOE ☐ Cough ☐ Wheezing	
GI		☐ Constip ☐ Diarrhea ☐ Indig ☐ ⇩ Appetite ☐ N/V	
GU		☐ Dysuria ☐ Hematuria ☐ Nocturia ☐ Abnl Menses	
M/S		☐ Swelling ☐ Stiffness ☐ Pain:_____	
Skin Breast		☐ Rash ☐ Itching ☐ Mass ☐ DC ☐ Jaundice	
Neuro		☐ Weakness ☐ Dizzyness ☐ Confusion	
Psych		☐ Depression ☐ Anxiety ☐ Panic Disorder	
Endo		☐ Heat/Cold Intol ☐ Goiter ☐ Hair Loss	
Heme Lymph		☐ Lymphadenopathy ☐ Bruising	
Allergy Immun		☐ Hives	

#	ASSESSMENT (E = Estab/Chronic S = Stable; N = New U = Unstable; M = Minor/Self Limited W = Work Up Needed)	E/S	N/U	M/W
	Stye (R) upper eyelid			
	? Lyme's disease			

#	PLAN
	Because her constitutional sx were resolved c̄ the Keflex in Illinois, I tend to believe that she could have latent L.D. sx. Therefore I am going to tx c̄ another round of ABX. Warm moist towel to the eyelid

RTC: ___ D W M PRN

Health Maintenance
☐ Mammo ☐ Flu Vax ☐ Pneumovax ☐ dT ☐ Scrn Colonscpy ☐ B Density ☐ PSA

DX: ☐ SL/M =1 (Max=2) ☐ Each Est Prob=1 (+1 if Unstable) ☐ New Prob - No WU=3 (Max=3) ☐ New Prob w/WU= 4

Data: ☐ Review/Order Lab, EKG,XR,Oxi=1 ea ☐ Indep Rev Image =1 ☐ Discuss w/Doc=1 ☐ Obtain Old Records=1 ☐ Summary/Review Old Records or Obtain Additional Hx = 2 (Specify)

Hx - Need 3 of 3 at or above level

HPI		ROS	PFSH	Level
Brief 1-3 Acute Elements	or Brief 1-2 Estab Problems	0	0	PF
		1	0	EPF
Extended 4+ Acute Elements	or Extended 3+ Estab Problems	2-9	1	D
		10+	2/3	C

MDM - Need 2 of 3 at or above level

Dx	Data	Risk
1	0-1	1 SL/Minor
2	2	2+ SL/Minor, 1 Estab Stable, OTC Rx, PT/OT 1 Acute Uncomplicated Illness or Injury
3	3	1+ Estab Unstable, 1 Acute w/Systemic Sx 2+ Stable Estab, New Prob/?Prog, Rx Med
4	4	Life threat, Suicide, Abrupt Neuro Change Estab Very Unstable, Intense Rx Mon, DNR

CODE: Estab: 2 of 3 at/above level New: 3 of 3

MDM	Hx	Exam BA/OS	Estab New	Time (min)
SF SF	PF EPF	1 2-4	99212 99202	10 20
LC LC	EPF D	2-4 5-7	99213 99203	15 30
MC MC	D C	5-7 8+OS	99214 99204	25 45
HC HC	C C	8+OS 8+OS	99215 99205	40 60

☐ Counseling/Coordination > 50% (C/C Time ___ min/Total Time: ___ min)

Signature [redacted]

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[redacted] FAMILY MEDICINE/A Division [redacted] Primary Care

PATIENT PHONE CALL

Message For Tim

URGENT ☐ Yes ☐ No

Patient's Name [redacted] Age _____ Weight _____

Caller _____ Home Phone [redacted] Work Phone _____

Pharmacy _____ Pharmacy Phone _____

REGARDING: ☐ Illness ☐ Phone Follow-up ☐ Rx1` Refill _____

☐ Injury ☐ Referral ☐ Test Results _____

☐ Medications ☐ Returning Call ☐ Other _____

MESSAGE:	RESPONSE:
Lyme disease is really acting up. Hands are in a lot of pain. Can she go back on doxycycline? (Buck conn Pharm)	Need to stop ceftin See purple.
Date 11/5/12 Time 8/8 By Mspencer	Pallst By _____
PROBLEM	☐ OK TO FILE

(3/27/12)

[redacted] FA...LY MEDICINE/A Division [redacted] [redacted] Primary Care

Date: _____ Name: _____ DOB: _____

PATIENT PHONE CALL

Message For TC / Mary Covering.

URGENT ☐ Yes ☐ No

Patient's Name [redacted] Age _____ Weight _____

Caller _____ Home Phone 223-4046 Work Phone _____

Pharmacy RAH Pharmacy Phone _____

REGARDING: ☐ Illness ☐ Phone Follow-up ☐ Rx1` Refill _____

☐ Injury ☐ Referral ☐ Test Results _____

☐ Medications ☐ Returning Call ☐ Other _____

MESSAGE:	RESPONSE:
Pt calling because she is taking Keflex due to being treated for Lyme By TC, Pt	Still having symptoms and wanted to know if she could go on doxycline. yes we can on purpu
Date _____ Time 0812 By EC	By _____
PROBLEM	☒ OK TO FILE C 5/29/12

(3/27/12)

7/25/12 BD: TSH. JM

10-12-12 - Pt Blood draw TSH — AK

[redacted] FAMILY MEDICINE (A Division of Sunbury [redacted] Care) [redacted]

NAME: [redacted] CHART # [redacted]

DATE 10-12-12 VS T 97.1 BP: 118/60 P: 74 Wt: 121.6 Ht: V/A O S O D

Visit Type: ☐FU ___ D W M ☒Acute ☐ Hosp/ER FU ☐CPX ☐Consult ☐Other ☐New ☒Estab Initials: MS

CC: Lyme disease flare up

HPI: ☐Location ☐Quality ☐Severity ☐Timing ☐Duration ☐Context ☐Modifying Factors ☐Assoc S&S
Brief: Acute problems: 1-3 Elements or 1-2 Estab Problems Extended: Acute Problems: 4+ Elements or 3+ Estab Problems

Here to talk about Lyme dz sx. Few weeks ago she started c̄ numbness + tingling in the arms + hands + started 6 weeks of Rx (Keflex) + Doxycycline. She felt great went to Fla for a few weeks and came back. The sx started coming back and she started taking Japanese knot weed + tested. ↑ floaters → saw ophtho no objective findings. She is wondering if she has "mast cell exposure" → Has ringing in the ears (L > R)

SH: Smoker: Current Former (No) PPD: ___ ETOH: Y (N)
Exposure: Y (N) Marital Status: S (M) D W
Occupation: [redacted]

FH: ☐No Change-See: [redacted]

PMH: ☐No Change-See: Immunizations, Surgery, Trauma, Illnesses, Hospitalizations

MED ALLERGY: ☐No Known Drug Allergies ☐No Change-See: See 1:51

MEDS: ☐No Change-See: See 1:07 ☐No Medications

labs drawn; Blood draw TSH — AL

EXAM	NL	See Note
ORGAN SYSTEMS		
Const	✓	
Eyes		
ENT/M	✓	
CV	✓	
Resp	✓	
GI		
GU		
MS		
Skin		
Neuro	✓	
Psych		
Heme Lymph Immuno		
BODY AREAS		
Head		
Neck		
Chest Breast		
Abd		
Gen		
Back		
Extrm		

Checkmark = Exam

☑No Distress ? Lyme dz flare and/or "mast cell exposure" → Has ringing in the ears (L > R)

ROS	NL	ABNORMAL	See Note
Const	✓	☐Fever ☐Lethargy ☐Distress ☐ ◊ Sleep	
Eyes		☐ ◊ Vision ☐Pain ☐Redness ☐D/C	
ENT/M		☐ ◊ Hearing ☐ST ☐Pain:	
CV		☐CP ☐Palpitations ☐Syncope ☐Ankle Swelling	
Resp		☐SOB ☐DOE ☐Cough ☐Wheezing	
GI		☐Constip ☐Diarrhea ☐Indig ☐ ◊ Appetite ☐N/V	
GU		☐Dysuria ☐Hematuria ☐Nocturia ☐Abnl Menses	
M/S		☐Swelling ☐Stiffness ☐Pain:	
Skin Breast		☐Rash ☐Itching ☐Mass ☐DC ☐Jaundice	
Neuro		☐Weakness ☐Dizzyness ☐Confusion	
Psych		☐Depression ☐Anxiety ☐Panic Disorder	
Endo		☐Heat/Cold Intol ☐Goiter ☐Hair Loss	
Heme Lymph		☐Lymphadenopathy ☐Bruising	
Allergy Immun		☐Hives	

#	ASSESSMENT (E = Estab/Chronic S = Stable; N = New U = Unstable; M = Minor/Self Limited W = Work Up Needed)	E/S	N/U	M/W
	Tertiary Lyme disease			

#	PLAN	RTC: ___ D W M PRN
	Have offered neurology consult and she will think about. For now start cefdinir 300 mg po q12 x10d if better will cont another 2 week course.	

Health Maintenance: ☐Mammo ☐Flu Vax ☐Pneumovax ☐dT ☐Scrn Colonscpy ☐B Density ☐PSA

☐SL/M =1 (Max=2) ☐Each Est Prob=1 (+1 if Unstable) ☐New Prob - No WU=3 (Max=3) ☐New Prob w/WU= 4 Data ☐Review/Order Lab, EKG,XR,Oxi=1 ea ☐Indep Rev Image =1 ☐Discuss w/Doc=1 ☐Obtain Old Records=1 ☐Summary/Review Old Records or Obtain Additional Hx = 2 (Specify)

Hx - Need 3 of 3 at or above level MDM - Need 2 of 3 at or above level

HPI		ROS	PFSH	Level	Dx	Data	Risk
Brief 1-3	Brief 1-3	0	0	PF	1	0-1	1 SL/Minor
or Acute Elements	or Estab Problems	1	0	EPF	2	2	2+ SL/Minor, 1 Estab Stable, OTC Rx, PT/OT, 1 Acute Uncomplicated Illness or Injury
Extended 4+	Extended 3+	2-9	1	D	3	3	1+ Estab Unstable, 1 Acute w/Systemic Sx, 2+ Stable Estab, New Prob/?Prog, Rx Med
or Acute	or Estab	10+	2/3	C	4	4	Life threat, Suicide, Abrupt Neuro Change

CODE: Estab: 2 of 3 at/above level New: 3 of 3

MDM	Hx	Exam BA/OS	Estab New	Time (min)
SF SF	PF EPF	1 2-4	99212 99202	10 20
LC LC	EPF D	2-4 5-7	99213 99203	15 30
MC MC	D C	5-7 8+OS	99214 99204	25 45

☐ Counseling/Coordination > 50% (C/C Time ___ min/Total Time: ___ min)

Signature

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MEDICAL ASSOCIATES LABORATORY

MD-Director

Patient: **Patient #:**

Birth: Age: 62 years Home Phone:

Gender: Female Work Phone:

Accession No:	410046	405175	380943	375836	341887	320383	313050	120448			
Doctor:											
Collection Date:	10/12/2012 10:52	07/25/2012 07:59	07/15/2011 10:38	05/05/2011 09:12	02/02/2010 07:57	04/17/2009 08:17	01/07/2009 08:14	11/01/2002 10:15			
Fasting Status:	NO	NO	UNKNOWN	YES	YES	YES		UNKNOWN		Ref. Range	Units
NA				138		143		143		135 - 148	MEQ/L
K				4.4		4.1		4.1		3.5 - 5.3	MEQ/L
CL				102		103		107		98 - 110	MEQ/L
CO2				29		32		25		24 - 34	MEQ/L
GLUCOSE				73		81		74		70 - 110	MG/DL
BUN				13.0		17.0		17.0		6.0 - 20.0	MG/DL
CREA				0.7 L		0.8		0.8		0.8 - 1.4	MG/DL
CALCIUM				8.1 L		8.4		8.7		8.3 - 10.0	MG/DL
ALBUMIN				3.8		4.0		4.3		3.4 - 5.0	G/DL
T. BILI				0.4		0.4		0.4		0.0 - 1.2	MG/DL
AST (SGOT)				24		19		14		7 - 40	U/L
ALT (SGPT)				39		32		28		10 - 65	U/L
ALK PHOS				100		85		68		42 - 141	U/L
T.PROT				7.0		6.9		7.1		6.0 - 8.5	G/DL
GFR				90.4		78.0					ml/min
CHOL				252 H	225 H	177	259 H			140 - 200	MG/DL
TRIG				84	55	42 L	88			45 - 150	MG/DL
HDL				89.0 H	90.0 H	87.0 H	75.0 H			26.0 - 72.0	MG/DL
HDL/CHOL				35.3 H	40.0 H	49.2 H	29.0 H			13.9 - 22.2	%
VLDL				16.8	11.0	8.4 L	17.6			9.0 - 30.0	MG/DL
LDL CALCULATED				146.2 H	124.0	81.6	166.4 H			74.0 - 140.0	MG/DL
TSH	2.570	6.940 H	1.970	0.210 L	0.420		0.480	4.117		0.350 - 5.500	UIU/L

Reviewed By: _____ Date: _____

L = Low	CL = Critical Low	BL = Borderline Low	IL = Invalid Low	A = Abnormal
H = High	CH = Critical High	BH = Borderline High	IH = Invalid High	N = Normal

[redacted] **FAMILY MEDICINE**

Dear [redacted],

The results of your tests are as follows:

- ☐ Blood tests
  - ☐ Total Cholesterol = _____ (Goal is less than 200)
  - ☐ Triglycerides = _____ (Goal is less than 200)
  - ☐ HDL Cholesterol = _____ (Goal is greater than 35)
  - ☐ LDL Cholesterol = _____ (Goal is less than 130)
  - ☐ Hemoglobin A1C = _____ (Goal is less than 7%)
  - ☐ Blood sugar = _____
  - ☐ Prostate Blood test (PSA) _____
  - ☒ Other: Thyroid 2.57 (Normal).
- ☐ PAP Smear
- ☐ Culture
- ☐ Mammogram
- ☐ MRI
- ☐ CT
- ☐ Bone Density
- ☐ Ultrasound
- ☐ Other test results: _____

  - ☐ Normal.
  - ☐ Continue same medication.
  - ☐ Results too high
  - ☐ Follow diet closer
  - ☐ Change medication: _____
  - ☐ Repeat test: _____
  - ☐ Call medical assistant for instructions.
  - ☐ Call office for an appointment.
  - ☐ Comment: _____

Orig Mailed to pt 10-15-12 _Ak

If you have any questions, please do not hesitate to call our office.

Sincerely,

[redacted] Family Medicine

EXHIBIT B

[redacted] FAI ✓ MEDICINE (A Division of [redacted] ary Care) [redacted]

NAME: [redacted] [redacted] CHART # [redacted]

DATE 11-6-12 | VS T: 98.3 BP: 112/80 P: 72 Wt: 166 Ht: | V/A | O S | O D

Visit Type ☐FU ___ D W M ☑ Acute ☐ Hosp/ER FU ☐ CPX ☐ Consult ☐ Other | ☑ New ☐ Estab | Initials

C C: Estb - Ear Ring

HPI ☐ Location ☐ Quality ☐ Severity ☐ Timing ☐ Duration ☐ Context ☐ Modifying Factors ☐ Assoc S&S
Brief: Acute problems: 1-3 Elements or 1-2 Estab Problems — Extended: Acute Problems: 4+ Elements or 3+ Estab Problems

Here to establish. Pt's main complaint is that he has ringing in the ears (mainly the (L)) he think as a result of the CMP "smart meter" that his neighbor has. The ringing started just recently within 1 week. He has complained to CMP and his neighbor neither of which have done anything about it. He is in today to establish that he is relatively healthy and doesn't have any ear infection

1 SH: Smoker: Current Former (No) PPD: ___ ETOH: Y (N)
Exposure: Y (N) Marital Status: S (M) D W
Occupation: [redacted]

2 FH: ☐ No Change-See: [redacted]

3a PMH: ☐ No Change-See: Immunizations, Surgery, Trauma, Illnesses, Hospitalizations

3b MED ALLERGY: ☒ No Known Drug Allergies ☐ No Change-See:

3c MEDS: ☐ No Change-See: ☐ No Medications

11-6-12 — Bd draw CMP, CBC (L) ears

EXAM	NL	See Note
ORGAN SYSTEMS		
Const	✓	
Eyes	✓	
ENT/M	✓	
CV	✓	
Resp	✓	
GI		
GU		
MS		
Skin	✓	
Neuro		
Psych		
Heme Lymph Immuno		
BODY AREAS		
Head		
Neck		
Chest Breast		
Abd		
Gen		
Back		
Extrm		

☑ No Distress

Checkmark = Exam

ROS	NL	ABNORMAL	See Note
Const		☐ Fever ☐ Lethargy ☐ Distress ☐ ⇩ Sleep	
Eyes	✓	☐ ⇩ Vision ☐ Pain ☐ Redness ☐ D/C	
ENT/M		☐ ⇩ Hearing ☐ ST ☐ Pain:	
CV	✓	☐ CP ☐ Palpitations ☐ Syncope ☐ Ankle Swelling	
Resp	✓	☐ SOB ☐ DOE ☐ Cough ☐ Wheezing	
GI	✓	☐ Constip ☐ Diarrhea ☐ Indig ☐ ⇩ Appetite ☐ N/V	
GU		☐ Dysuria ☐ Hematuria ☐ Nocturia ☐ Abnl Menses	
M/S	✓	☐ Swelling ☐ Stiffness ☐ Pain:	
Skin Breast		☐ Rash ☐ Itching ☐ Mass ☐ DC ☐ Jaundice	
Neuro	✓	☐ Weakness ☐ Dizzyness ☐ Confusion	
Psych		☐ Depression ☐ Anxiety ☐ Panic Disorder	
Endo		☐ Heat/Cold Intol ☐ Goiter ☐ Hair Loss	
Heme Lymph		☐ Lymphadenopathy ☐ Bruising	
Allergy Immun		☐ Hives	

#	ASSESSMENT (E = Estab/Chronic S = Stable; N = New U = Unstable; M = Minor/Self Limited W = Work Up Needed)	E/S	N/U	M/W
	Tinnitus and cause			

#	PLAN	RTC: 1 D W (M) PRN
	Return 1 mo for CPX	
	Lab CMP, CBC today	

Health Maintenance: ☐ Mammo ☐ Flu Vax ☐ Pneumovax ☐ dT ☐ Scrn Colonscpy ☐ B Density ☐ PSA

DX: ☐ SU/M =1 (Max=2) ☐ Each Est Prob=1 (+1 if Unstable) ☐ New Prob - No WU=3 (Max=3) ☐ New Prob w/WU= 4

Data: ☐ Review/Order Lab, EKG,XR,Oxi=1 ea ☐ Indep Rev Image =1 ☐ Discuss w/Doc=1 ☐ Obtain Old Records=1 ☐ Summary/Review Old Records or Obtain Additional Hx = 2 (Specify)

Hx - Need 3 of 3 at or above level | MDM - Need 2 of 3 at or above level

HPI		ROS	PFSH	Level	Dx	Data	Risk
Brief 1-3 Acute Elements	Brief 1-2 Estab Problems	0	0	PF	1	0-1	1 SU/Minor
or		1	0	EPF	2	2	2+ SU/Minor, 1 Estab Stable, OTC Rx, PT/OT; 1 Acute Uncomplicated Illness or Injury
Extended 4+ Acute Elements	Extended 3+ Estab Problems	2-9	1	D	3	3	1+ Estab Unstable, 1 Acute w/Systemic Sx; 2+ Stable Estab, New Prob/?Prog, Rx Med
or		10+	2/3	C	4	4	Life threat, Suicide, Abrupt Neuro Change; Estab Very Unstable, Intense Rx Mon, DNR

CODE: Estab: 2 of 3 at/above level New: 3 of 3

MDM	Hx	Exam 8A/OS	Estab New	Time (min)
SF SF	PF EPF	1 2-4	99212 99202	10 20
LC LC	EPF D	2-4 5-7	99213 99203	15 30
MC MC	D C	5-7 8+OS	99214 99204	25 45
HC HC	C C	8+OS 8+OS	99215 99205	40 60

☐ Counseling/Coordination > 50% (C/C Time ___ min/Total Time: ___ min)

Signature: [signature]

☐ [redacted]

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[redacted] MEDICAL ASSOCIATES
Medication List

Patient Name: [redacted] DOB: [redacted]

Allergies: NKDA

Medication / Dose / Frequency	Start Date	Stop Date	Review Date 11-6 2012	Review Date	Review Date	Review Date	Review Date	Review Date	Review Date	Review Date
Ø meds			(Y) N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
			Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
Reviewer Initials										

[redacted] [redacted] Family Medicine Problem List

Name _____ DOB: _____
Address _____ Phone (Home) _____
_____ (Work) _____
Emergency Contact: [redacted] Relationship wife Tel: [redacted]

Date	Problem	Date	Problem
	Ø		

Allergies	Surgical History	Social History
Ø	Testicular surgery 18yo	ADVANCE DIRECTIVE YES/ NO
		Tobacco Y / N Quit
		Pack Years
		ETOH Y / N Quit

Health Maintenance	Date							Immunizations							
CPX								Flu							
BMI								Flu							
EYE EXAM								Pneumonia							
COLONOSCOPY								TD							
NEXT DUE															
PAP								Zostavax							
MAMMOGRAM								Meningiococal							
BONE DENSITY								Hep B							
PSA								Gardasil							

DISEASE STATE MONITORING	RESULT / DATE									
A1C										
Date										
Microalb										
Date										
CHOL										
Date										
LDL										
Date										
HDL										
Date										

PATIENTS FAMILY HISTORY

Relative	Living	Deceased	Cause of death	Age at Death
Father 72	✓			
Mother ~~6~~ 70	✓			
Brothers				
Sisters				
Sons				
Daughters				
Maternal Grandfather				
Maternal Grandmother				
Paternal Grandfather				
Paternal Grandmother				

Any family members known to have: **(check all boxes that apply)**

	Father	Mother	Brother	Sister	Son	Daughter	
Heart Attack							
High B.P.							
Diabetes							
Stroke							
TB							
Epilepsy							
Migraines							
Thyroid Disease							
Cancer							
Heart Disease							
Asthma							
Allergies							
Alcoholism							
Ulcers							
Colitis							
Kidney Disease							
Arthritis							

MEDICAL ASSOCIATES LABORATORY

MD-Director

Cumulative Report

Patient: [redacted] **Patient #:** [redacted]

Birth: [redacted] Age: 45 years Home Phone: [redacted]

Gender: Male Work Phone:

Accession No:	411628		Ref. Range	Units
Doctor:	[redacted]			
Collection Date:	11/06/2012 09:40			
Fasting Status:	NO			
WBC	5.1		4.8 - 10.8	CMM
RBC	4.78		4.70 - 6.10	CMM
HGB	16.1		14.0 - 18.0	G/DL
HCT	46.3		42.0 - 52.0	%
MCV	96.9	H	80.0 - 94.0	UX3
MCH	33.6	H	27.0 - 33.0	uuG
MCHC	34.7		32.0 - 35.0	%
PLT	153.0		130.0 - 450.0	CMM
MPV	9.7		7.4 - 10.4	FL
RDW	15.2	H	11.5 - 14.5	%
LY%	35.2		20.0 - 51.0	%
MO%	8.8		2.0 - 10.0	%
GR% (NEU%)	56.0		30.0 - 70.0	%
LY#	1.8		0.9 - 5.3	CMM
MO#	0.4		0.1 - 1.1	CMM
GR# (NEU#)	2.9		1.3 - 7.4	CMM
NA	140		135 - 148	MEQ/L
K	4.5		3.5 - 5.3	MEQ/L
CL	102		98 - 110	MEQ/L
CO2	29		24 - 34	MEQ/L
GLUCOSE	91		70 - 110	MG/DL
BUN	18.0		6.0 - 20.0	MG/DL
CREA	0.8		0.8 - 1.4	MG/DL
CALCIUM	8.3		8.3 - 10.0	MG/DL
ALBUMIN	4.1		3.4 - 5.0	G/DL
T. BILI	0.6		0.0 - 1.2	MG/DL
AST (SGOT)	21		7 - 40	U/L
ALT (SGPT)	35		10 - 65	U/L
ALK PHOS	49		42 - 141	U/L
T.PROT	7.6		6.0 - 8.5	G/DL
GFR	111.1			ml/min

Copy to pt All labs OK

Mid copy to pt 11-09

NOV 0 8 2012

L = Low	CL = Critical Low	BL = Borderline Low	IL = Invalid Low	A = Abnormal
H = High	CH = Critical High	BH = Borderline High	IH = Invalid High	N = Normal

MEDICAL ASSOCIATES LABORATORY

MD-Director

Cumulative Report

Patient: **Patient #:**

Birth: Age: 45 years Home Phone:

Gender: Male Work Phone:

Accession No:	411628									
Doctor:										
Collection Date:	11/06/2012 09:40									
Fasting Status:	NO									Ref. Range Units

Reviewed By: _____ Date: _____

L = Low	CL = Critical Low	BL = Borderline Low	IL = Invalid Low	A = Abnormal
H = High	CH = Critical High	BH = Borderline High	IH = Invalid High	N = Normal

EXHIBIT C

謙泰

[redacted]

[redacted]

January 7, 2013

To Whom It May Concern
Re: [redacted]

I treated both [redacted] and [redacted] three times in late November and December 2012. They were both complaining of severe tinnitus and insomnia occurring after installation of 'smart meters' by Central Maine Power in their neighborhood. For Ms. [redacted], symptoms also included pain and burning in the hands. Both were agitated from the lack of sleep.

Each treatment ameliorated their condition and, so long as they stayed in places with low EMF levels, they were able to get some rest and to relax. Immediately on returning to their home or to any place with high EMF levels, symptoms would re-emerge with similar or greater intensity.

I treated both Mr. [redacted] and Ms. [redacted] for depleted pulse and low Qi energy and believe that their condition was directly stimulated by the high level EMFs encountered at home which then pushed them both past a tipping point where even moderate EMF exposure would reactivate the symptoms.

Please feel free to contact me if you need further information.

Sincerely,

[redacted]

[redacted], M.Ac.

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name and address.

A. [redacted]

Q. Was a CMP smart meter installed at your residence? If so, state approximately the date when it was installed.

A. Yes. On December 20, 2010.

Q. If the smart meter was removed and replaced by an analog meter at your request, please describe the circumstances of your request or complaint to CMP and their response.

A. After determining that my severe illness was caused by the meter, we consulted an electrician on January 27, 2011, to move it to the utility pole behind our home. He called CMP and learned that it would need to be mounted on a post instead of the pole. Since this could not be done until Spring, CMP agreed to replace our original analog meter. This was done on January 28, 2011. See my statement dated February 13, 2011, attached as Exhibit A.

Q. If you do not currently have a smart meter, are you paying the opt-out fees?

A. Yes.

Q. Please describe why you do not want a smart meter at your residence. Identify any health concerns you may have about smart meters and whether

these concerns are based upon any specific physical or medical conditions that you or any of your family members may have.

A. I am highly sensitive to EMF as well as other environmental toxins and allergens. This was the most severe, life-threatening attack I have ever had.

Q. Please describe the symptoms or adverse effects you experience while in the proximity of smart meters.

A. My severe attack included vertigo, seizures, muscle paralysis, mental confusion and paranoia, headaches, back and leg pain, chest pains, blurred vision, and rashes resulting in panic attacks.

Q. Do you experience electromagnetic sensitivity symptoms in proximity to radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, cordless phones, smart meters or other devices? Please describe the symptoms and the circumstances when they occur.

A. I do not use WiFi or cell and cordless phones, and limit my use of microwave ovens, TV, computers and x-rays. X-rays cause the most severe symptoms, the others more minimal.

Q. If you have physical or medical conditions, including sensitivity to electromagnetic radiation, have these conditions been diagnosed? Identify the diagnosis or description of the condition.

A. All of these conditions respond well to my acupuncture treatments, but are not permanently healed.

1 **Q. Has your physician or other medical care provider made any**
2 **recommendations about exposure to electromagnetic devices, including smart**
3 **meters? Please attach any recommendations in writing from your health care**
4 **provider.**
5 A. Yes. I receive acupuncture treatments twice weekly to alleviate these symptoms.
6 See attached Exhibit B.
7 **Q. Did your symptoms or adverse reactions cease when the smart meter was**
8 **removed? Describe the circumstances.**
9 A. The most severe symptoms improved immediately. Others gradually lessened.
10 **Q. Has your experience with smart meters caused any disruptions in your daily**
11 **living? Please describe the circumstances?**
12 A. I have to limit the time that I spend in all buildings with smart meters. Vertigo and
13 severe back pain are the first symptoms to appear. I am gradually becoming a
14 recluse.
15 **Q. Please tell us anything else that you want us or the Public Utilities Commission**
16 **to know about your experiences and circumstances.**
17 A. Since other environmental toxins may cause similar mental problems as the smart
18 meter does, I do not feel that I can testify in person. I would not be able to think
19 and communicate clearly. Hopefully, I might be able to testify by phone. I am
20 enclosing my letter which was included in the original petition to CMP. EMF
21 sensitivity is real, and it is regrettable that CMP did not research this problem more
22 thoroughly and look for a safer meter.

Dated this 9th day of January, 2013.

[redacted]

STATE OF MAINE
CUMBERLAND, ss: January 9, 2013

Personally appeared the above-named [redacted], and stated under oath that the foregoing Affidavit made by her is true and based upon her own personal knowledge, information or belief, and so far as upon information and belief, she believes the information to be true. Before me,

Barbie L Wilson
Notary Public/Attorney-at-Law
Barbie L Wilson
Name Typed or Printed
My Commission Expires: March 5, 2017

BARBIE WILSON
Notary Public, Maine
My Commission Expires March 5, 2017

February 13, 2011

EXHIBIT
A
Blumberg No. 5208

A Smart Meter was installed on our home in Windham on December 20.
Within a few days, I did not feel well, being unsteady on my feet and feeling dizzy when getting out of bed. On January 5, I became dizzy while bowling in my league at Yankee Lanes and had to stop. During the following three weeks I became severely ill with vertigo, seizures, muscle paralysis, mental confusion, headaches, back and leg pain, chest pains, blurred vision, panic attacks, and rashes. I was unable to follow my usual routine of grocery shopping, bowling twice weekly, attending church services, and exercising at Curves. My husband drove me everywhere and took over most of my household duties. He watched me constantly for fear of my falling or injuring myself in some way. One day I had the feeling that I just had to get out of our house, and I did find some relief by sleeping and staying in my car, and then by spending three nights in motels in Scarborough and Freeport where Smart Meters have not been installed. The symptoms always returned when I was in the house. After a thorough medical exam, blood and urine tests, and lower back x-rays disclosed nothing that would be causing these symptoms, I suspected that the Smart Meter might be the problem. CMP agreed to remove the Smart Meter, temporarily replacing our old meter until the PUC determines their future use. I immediately began feeling better at home. This past week I resumed driving and tried to return to my normal activities, but have found that the vertigo and other discomforts began to reoccur after I spent more than an hour in buildings equipped with Smart Meters. I already have to limit my exposure to energies such as microwave ovens, cell phones, and radiation, which have caused similar symptoms. This was the most severe, life-threatening attack that I have ever experienced, so I know that I will not be able to tolerate a Smart Meter on our home under any circumstance. I would greatly appreciate being able to continue using our original CMP meter.

Sincerely,

[redacted]

EXHIBIT
Blumberg No. 5208
B

[redacted]

(207) 846-4433

Fax (207) 846-1366

[redacted]

[redacted]

10/23/2012

To whom it may concern:

RE: Patient, [redacted]

I have examined [redacted] and have been treating her since Smart Meters were installed in the spring of 2011. She has extreme sensitivity to the electromagnetic frequency of Smart Meters. She has responded to treatment with moderate success, but is still very sensitive and symptomatic when in close proximity to Smart Meters or their transformers/repeaters. Her symptoms include dizziness, nausea, headaches, disorientation, fever, joint pain and vertigo. Should you need any further information, please do not hesitate to contact me.

Sincerely,

[redacted]

York Office: 433 U.S. Route One • Suite H • Cottage Place • York, ME 03909 • (207) 363-8600

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name and address.

[redacted]

Q. Was a smart meter installed at your residence?

A. No.

Q. Did you have an adverse reaction to the meter?

A. My symptoms began following the installation of smart meters in my neighborhood.

Q. If you do not currently have a smart meter, are you paying the opt-out fees?

A. Yes.

Q. Please describe why you do not want a smart meter at your residence.

A. As a licensed Radio Ham [redacted], several years ago I became aware of the dangers of the additive effects of radio frequency radiation through the proliferation of wireless devices. I have made efforts to reduce my exposure to said radiation for several years. I do not use a cell phone. There is no wifi home network in our house and we have taken measures to reduce dirty electricity and other sources of RF pollution. I have remained minimally involved in ham radio as a hobby.

My research into smart meters indicated that there was no benefit to me in their installation. (As for the much-touted real-time feedback, I could readily determine my electrical usage by noting what I turn on and through use of a

Kill-A-Watt device. The billions being spent on this project are surely in pursuit of another goal.) Moreover, the addition of a smart meter seemed thoroughly detrimental to me because of greatly increased exposure to RF, loss of privacy, and the much-reported-on danger of malfunction and fire from the devices themselves.

Q. Do you experience electromagnetic sensitivity symptoms in proximity to other radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, or cordless phones?

A. Since the onset of my symptoms, I have stayed pretty close to home. I avoid RF devices and have for several years. I do not have a wifi home network, nor do I use a microwave oven, or DECT phones. I do not use a cell phone.

I have The Hum and experience physical vibrations in my body. The Hum is a phenomenon experienced around the world, and is frequently described as "mysterious" in its origination. It sounds like a diesel engine idling nearby. Its volume is greater at some times than others. In his 2004 paper, David Demming described my symptoms when he described The Hum as, "More than just a noise, the Hum is also capable of manifesting as vibrations felt throughout the body and is often accompanied by a suite of physical symptoms that includes headaches, nausea, and pain in the ears." My sensitivity to The Hum is becoming harder to tolerate and harder to differentiate from other inputs. I have, however, noticed feelings of disorientation near florescent lights and operating fans. I also experience heart palpitations at times.

1 **Q. Have your physician or other medical care provider made any**
2 **recommendations about exposure to electromagnetic devices, including smart**
3 **meters?**
4 A. No. I have not consulted physicians on EMF exposure. Physicians are not
5 routinely trained in acoustics or radio frequencies. Since September, I have read
6 extensively on the subject, have consulted books and articles by experts in the field,
7 and have attempted to mitigate the effects of EMF radiation in reliance on their
8 recommendations. I have not been able to mitigate The Hum. EMF sensitivity is
9 not taken seriously in the States, as it is in Europe. Our legal exposure levels in the
10 US would not be 1000 times those of Europe if EMF sensitivity were taken
11 seriously here.
12 **Q. Has your experience with smart meters caused any disruptions in your daily**
13 **living? Please describe the circumstances?**
14 A. Yes. My sleep has been disturbed for many months now. I made a note to myself
15 in March, 2012, noting my having been awakened in the night by vibrations, a
16 phenomenon that had already been occurring from time to time. Then in the
17 middle of July, 2012, I began to be awakened and kept awake by both vibrations and
18 The Hum. I sought the source of The Hum, much in the way I later found
19 described by so many others on the Internet, by going out looking for it. I now hear
20 this sound 24 hours a day. It was at first most noticeable at night. Now it is always
21 "on", sometimes deafening in its intensity. Accompanying the Hum now are the

vibrations, increasing in severity, which cause my body to vibrate. The Hum is exhausting, and yet it prevents one from obtaining adequate sleep.

I have a background in acoustics. These sound pressure levels are very high. It feels like a buffeting on the ears. I have a theory of the mechanism of the Hum, which I plan to pursue. I cannot yet prove, but I currently believe, that the Smart Grid, a "Mesh" system that floods my neighborhood with RF, is responsible, not only because my symptoms were coincidental with the arrival of the "Smart Grid", but because others have convincingly implicated the "Smart Grid" with The Hum all over the world. What CMP calls "*repeaters and collectors*" are routers.

From an interview with Curtis Bennett about the wireless routers:

'Don't focus on individual smart meters, Bennett advises electromagnetically exposed governments and power providers. "As soon as you incorporate the routers, head-to-toe you are stimulating tissue. Margin of error: zero. You are not insured for it." ....Human beings also complete the smart meter circuit by inducting their wireless currents. "Head-to-toe impacts every function in the body," Curtis Bennett says. Which is why he calls routers the "game changer" in the smart meters discussion.' ....

Smart meters operate on cell phone frequencies. And studies have confirmed that low power levels are extremely dangerous because they more closely mimic – and confuse - the human body's intercellular communications. As a Jewish lawyer told Bennett: "The holocaust pales in comparison. This is getting them all."

http://www.willthomasonline.net/interview%20with%20thermoguy%20curtis%20bennett.htm

The CMP website says in its FrequentlyAskedQuestions:

"I know that Wi-Fi is safe and my home network runs 24/7. How does the Wi-Fi signal from my meter get to a CMP building?

- *The technology chosen by CMP for our Smart Meter infrastructure sends a signal, via radio waves, "over the air." This technology utilizes equipment (repeaters and collectors) that receives the signal from a large volume of meters and then "hands off" this data to a "take-out point" (gateway). Data is transferred from the gateway, via a third-party public provider, to a CMP building in Augusta.*
- *Repeaters and collectors are predominately mounted on existing CMP poles and gateways are predominately mounted on existing communication towers.*

B. Blake Levitt, when asked in an interview why people were still uninformed about the dangers of RF said, "There is a long learning curve." Propaganda such as that on the CMP website "***I know that Wi-Fi is safe*** ..." will fool most of the people most of the time. For a while.

I am concerned for my health, as I am aware that exposure to Hum frequencies is extremely dangerous, as these frequencies are the frequencies of the body itself. Like a glass that vibrates and breaks when a singer strikes just the right note, my whole body vibrates from The Hum frequencies. It is a well-documented effect that anything stimulated at the right frequency will vibrate. I do not have a

smart meter on my house, yet I am exposed and harmed by the system I do not want and cannot escape.

Q. Please tell us anything else that you want us or the Public Utilities Commission to know about your experiences and circumstances.

A. I want to tell you what I learned. When I became a radio Ham, I learned that effects and dangers of RF are additive, that is, each additional source of RF, from wireless baby monitors to wireless door bells, to microwave ovens, to routers, etc., add to a person's total exposure. Hams putting out excessive signals can lose their licenses or go to jail. These illegal signals can literally kill their neighbors. Yet these same levels are ok if done by a major corporation, and no one is adding it up.

I learned about the early epidemiological studies on Hams showing high cancer rates. Corporations and the military have taken out patents since the 1970's developing Weapons Systems based on these frequencies. We know they are not safe. Paid Industry "researchers" are brought out to say they are safe. Why is it that the wireless industry cannot obtain liability insurance? The frequencies they use are not safe. The World Health Organization now classifies RF/microwave toxins emitted by wireless Smart Meters as a "Class B potential human carcinogen." Despite CMP's putting words into our mouths to convince us (see above FAQ: "***I know that Wi-Fi is safe and my home network runs 24/7.")*** we know plenty regarding the safety of RF frequencies. They are not safe.

The number of people becoming ill from these RF frequencies is increasing and expected to be half of the population by 2020. If they are still alive.

I perceive a pattern. Asbestos. Cigarettes. RF. The perpetrators drag it out in litigation, kill people, make money. In the end, the people pay for the systems and are left with the liabilities. Profiteers walk away with the profits. Regulators betray the public: there is no rule of law.

"At the length truth will out." People are figuring it out and will pursue justice. What remains to be seen is whether the truth will be brought out by the regulators doing their job, through litigation in the courts at great expense and endless misery, or by the people in revolt. Life is harsh where there is no rule of law. Let's not go there.

Dated this 25th day of January, 2013.

[redacted]

STATE OF MAINE
YORK, ss: January 25, 2013

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by her is true and based upon her own personal knowledge, information or belief, and so far as upon information and belief, she believes the information to be true. Before me,

Jerilynn E. Libby
Notary Public/Attorney-at-Law
Jerilynn E. Libby
Name Typed or Printed
My Commission Expires: April 20, 2013

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name and address.

A. [redacted]

Q. Was a CMP smart meter installed at your residence? If so, state approximately the date when it was installed.

A. It was installed in the Spring of 2012 when I was not home.

Q. Did you notice any unusual symptoms after the meter was installed.

A. Yes. I began to have ringing in my ears, a racing pulse, and severe headaches. I could not sleep at night. I did not have these symptoms before the meters were installed in my home and my neighbors' homes. I could not figure out what was causing the symptoms until I did some on-line research and learned that smart meters emit EMF. I had no awareness about smart meters before this.

Q. Did you complain to CMP and request that they remove the smart meter?

A. I called and complained as soon as I figured out that the smart meters were causing my problems. I told CMP that I had ringing in my ears, a racing pulse, and headaches. They said there wasn't a department as of yet to help with my circumstances, but they promised there would be and that they would get back to me about my concerns. I am still waiting to be contacted by them. They did replace the smart meter with an analog meter. Unfortunately my neighbor's meter faces my home and I live in a mobile home park where it is loaded with smart

meters (350 plus smart meters) emitting a high volume of EMF. I still have symptoms, particularly at night.

Q. Are you paying the opt-out fees?

A. Yes.

Q. Do you experience electromagnetic sensitivity symptoms in proximity to other radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, cordless phones, or other devices?

A. I do not use cell phones because of the frequency level and never a microwave. My heart races, and I get feelings of dizziness and unsteadiness around these devices.

Q. Have you been seen by a doctor for your condition?

A. Yes. I called my regular physician when it first start bothering me but he was unable to help me. I have been seeing Dr. Robert Deutch, D.C. in Portland. I've tried protective meshes to shield the EMF but nothing works.

Q. Has your physician or other medical care provider made any recommendations about exposure to electromagnetic devices, including smart meters?

A. Just to do whatever I can to reduce my exposure. He told me to move, which is not possible, they are installed all over the Brunswick area. I have gone back to using a land line I unplug everything when I am not using it.

Q. Has your experience with smart meters caused any disruptions in your daily living? Please describe the circumstances?

1 A. Yes, I get probably 3-4 hours of sleep at night. I feel plugged in all the time,
2 anxious, short temper, nervous, headaches.
3 **Q. Please tell us anything else that you want us or the Public Utilities**
4 **Commission to know about your experiences and circumstances.**
5 A. As a result of the smart meters I now have hearing loss in my left ear. I feel that
6 these health issues they knew, but failed to let the public know. I never had any
7 problems sleeping and now forget it, it's a nightmare every night tossing and
8 turning – and the constant ringing in my ears. I know they are the cause of it
9 because I went to visit a friend in upstate New York and the ringing went away – I
10 certainly hope they find something that will protect our brains. The smart meter
11 has certainly had an adverse reaction on my life and can only hope that CMP will
12 be held accountable for any health related issues. Shame on THEM!

Dated this 28 day of January, 2013.

[redacted]

STATE OF MAINE
CUMBERLAND, ss:

JAN, 28, 2013
~~December~~ ___, ~~2012~~

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by her is true and based upon her own personal knowledge, information or belief, and so far as upon information and belief, she believes the information to be true. Before me,

TIMBERLY HARRINGTON
Notary Public, Maine
My Commission Expires February 17, 2019

Notary Public/Attorney-at-Law

Name Typed or Printed TIMBERLY HARRINGTON
My Commission Expires: 2/17/19

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name, address and occupation.

A. [redacted]

Occupation: Disabled

Q. Was a CMP smart meter installed at your residence? If so, state approximately the date when it was installed.

A. Yes. September 8 2011. The smart meter was installed by contractor or vendors for CMP. After completing installation vendors made a repeat visit to my home My home was one of three installations at this location. I was not home and my neighbors called me and asked why the vendors returned?

Q. If a smart meter was installed but removed and replaced by an analog meter at your request, please describe the circumstances of your request or complaint to CMP and their response.

A. Between September 8 and November 27, 2011, the smart meter was on and I began incurring unusually high electrical bills and electronics damage, and became physically sick, I decided to opt out.

CMP sent someone to troubleshoot the meter after I called when I received my first bill with high usage which arrived in October for Septembers' billing period. See Exhibit A. The CMP employee came within expected time and found no meter failures. He pulled the meter and used equipment to test it. Unusually

high electrical billing continued into November. When I called CMP to report this again, they sent another employee who again found no fault with meter. CMP also hired private contractor to come out in November. The contractor, ESM who came and did work outside on the pole added a new ground as well as other things. He also came inside my home to check my outlets and fuse box and found no inside wiring or faulty issues in the home I personally hired a series of contractors, electrical and otherwise, to come troubleshoot due to the many issues I was experiencing after the analog meter was changed to smart meter.

On November 27, I requested an analog meter back and CMP reinstalled one. Within a week of an analog meter being reinstalled, CMP came out with a voltage regulator to test, something they had refused to do while my smart meter was in place. CMP stated that they did not have to bring a voltage regulator tester while I was taking physical readings from the digital meter. In January 2012 CMP changed my transformer due to issues I kept in contact about.

Q. **If you do not currently have a smart meter, are you paying the opt-out fees?**

A. Yes.

Q. **Please describe why you do not want a smart meter at your residence. Identify any health concerns you may have about smart meters and whether these concerns are based upon any specific physical or medical conditions that you or any of your family members may have.**

A. As I stated above, the smart meter created many safety and health problems for my family and I. Considering the number of electrical problems resulting from meter

installation I feel most lucky our home did not catch fire and burn down. With the smart meter in place, my son and I suffered physically and an elderly family member died under most unusual circumstances. Our specific problems after smart meter installation included:

1. Emergency room visits for my son due to rapid heart-beat and tightening in his chest. While an elderly family member with Alzheimer's was living with us, the smart meter aggravated her condition leading us to make multiple visits to the doctor. She died in February with massive bleeding of the brain, not associated with Alzheimer's. I know now that victims of EHS have nosebleeds as a symptom which suggests a vascular response to RF and which over two months of exposure to this frail woman may have been at least in part responsible for her untimely death.
2. With the smart meter in place I developed insomnia, headaches, suffered from rapid pulse, became dizzy, ringing or tones in the ears and suffered from vertigo and developed neurological problems with tingling and numbness in my hands and feet. I suffered none of these conditions before the smart meter was installed. The meter was mounted about 5 feet from our home and my bedroom all of these health effects created considerable physiological, financial distress keeping me in an overwhelmed condition.
3. During the entire period the smart meter was installed we had light bulbs throughout our home frequently blow.

4. In October of 2011, the motherboard on our home PC was destroyed. We replaced it with a new laptop.

5. The meter recorded double and triple amounts of electrical usage during the period of smart meter installation. See Exhibit B. CMP gave me a $75 credit and sent a technician to test the meter but they found nothing. They did hire a licensed electrical contractor who came out and concluded my inside wiring had proper fuses and no faults. I also hired an electrician to troubleshoot high usage and he found a constant feed on my well pump and advised me to replace it as well to replace switch on my outside pole which I contracted him to do.

6. My nearly new 3 year old refrigerator began freezing food during the time I had the smart meter here.

7. ComCast Cable Technician service had to replace 1 of 2 receivers due to inoperable due to many errors he scanned and he was able to repair the other one.

8. Our hot water tank began heating excessively during this same period and when replacing the thermostat did not solve the problem we had to replace the hot water heater.

9. The also nearly new nine month old washer/dryer began malfunctioning in the period from September, 2011 to January, 2012. In December they both were inoperable and I had to use laundy mat

10. Our pellet stove used for alternative home heating had its motherboard damaged and refused to operate in October, 2011.

Q. **Do you or any of your family members experience electromagnetic sensitivity symptoms in proximity to radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, cordless phones, smart meters or other devices? Please describe the symptoms and the circumstances when they occur**

A. Yes. In addition to the symptoms described above, my mother-in-law who lived with us complained from Oct- Dec of major stomach digestion issues so much that in November, 2011 she actually called 911 and was taken to [redacted] Hospital ER. While the meter was here I consulted with her MD on many office visits. After the smart meter was installed she suddenly became very disturbed. She said she felt strange and began suffering from insomnia. Her MD ordered testing by a specialist and she unexpectedly passed of massive brain bleed in February2012

Q. **If you have physical or medical conditions, including sensitivity to electromagnetic radiation, have these conditions been diagnosed? Identify the diagnosis or description of the condition.**

A. My heart condition worsened as did the other symptoms listed which I have never had before. I did not consult with my MD about this in part because I wasn't aware of electro sensitivity dangers. When I researched this and removed my meter most symptoms also disappeared. I do not need any more evidence to convince me how to avoid what was causing my and family's bad health.

1 **Q. Did symptoms or adverse reactions cease when the smart meter was**
2 **removed?**
3 A. Within two weeks of smart meter removal, some symptoms were reduced and
4 resolved. However, I now have a physician who ordered immediate cardiac
5 testing for conditions caused by what I believe was my smart meter exposure
6 **Q. Has your experience with smart meters caused any disruptions in your daily**
7 **living? Please describe the circumstances?**
8 A. Frequent trips to the MD & hospital for two of us, the death of a loved one, loss of
9 most everything electric in our home and the stress, financial costs and time
10 involved, in dealing and troubleshooting with these events the cicumstances
11 became unbearable .
12 **Q. Please tell us anything else that you want us or the Public Utilities**
13 **Commission to know about your experiences and circumstances.**
14 A. I hired a second electrician in December, 2011 who believed my smart meter
15 problems may also have involved transformer damage. Because CMP voltage
16 regulator test stated "your house has an unusually high power draw," my
17 electrician tested my home outlets and appliances. We turned on and checked
18 several appliances including dryer, oven, etc. and he confirmed normal electrical
19 draw. He also took readings at outlets and found nothing unusual. CMP requested
20 I report his findings to them and when I did, they came out in January, 2012 and
21 replaced my transformer.
22

1 Dated this 30 day of January, 2013.

Autumn Brook

Autumn Brook

STATE OF MAINE
SAGADAHOC, ss: January 30, 2013

Personally appeared the above-named Autumn Brook, and stated under oath that the foregoing Affidavit made by her is true and based upon her own personal knowledge, information or belief, and so far as upon information and belief, she believes the information to be true. Before me,

Stephanie A. Fields
Notary Public/Attorney-at-Law
Stephanie A. Fields
Name Typed or Printed
My Commission Expires: 9/14/19

STEPHANIE A. FIELDS
Notary Public, Maine
My Commission Expires September 14, 2019

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name, address and occupation.

[redacted]

Q. Was a smart meter installed at your residence? If so, state approximately the date when it was installed.

A. I lived at [redacted] for 20 years and in October 2011, smart meters were installed in my building across from my bedroom. There were 2 smart meters for each unit installed so there were a total of 12 smart meters.

Q. If a smart meter was removed and replaced by an analog meter at your request, please describe the circumstances of your request or complaint to the utility company and their response.

A. I requested all of the smart meters be removed in January 2012 in a phone conversation with P.G.&E. They said that they were state mandated and could not be removed. On February 1, 2012, the opt out option was approved in California and I opted out of my smart meter and I asked the other tenants in my building and the building behind my house to opt out (the smart meters from the house behind me were across from my bedroom

as well). Only two other tenants of five opted out. This did me no good because there were still six smart meters across from my bedroom.

Q. If you do not currently have a smart meter, are you paying the opt-out fees?

A. No. I had to move to Pennsylvania to get better because I could not get better in San Francisco with all the smart meters present.

Q. Please describe why you do not want a smart meter at your residence. Identify any health concerns you may have about smart meters and whether these concerns are based upon any specific physical or medical conditions that you or any of your family members may have.

A. Smart meters made me unable to function to perform my job anymore. I could not think or concentrate. I had an extreme pressure headache and agitation when I was around them. I had shortness of breath and heart palpitations. I had trouble breathing. I couldn't sleep, eat or drink normally. I broke out in hives on my face and was extremely emotional. My face became numb and I had a lump in my throat when around them.

Q. Do you experience electromagnetic sensitivity symptoms in proximity to other radio frequency devices, such as Wi-Fi, microwave ovens, cell phones, or cordless phones?

A. Yes, the symptoms around cell phones and wi-fi are very similar but not as extreme as the symptoms I get around smart meters.

Q. If you have physical or medical conditions, including sensitivity to electromagnetic radiation, have these conditions been diagnosed?

A. I told my Doctor about them in San Francisco and she had never heard of this before but made a note in my medical records about this. She recommended that I stay away from smart meters.

Q. Has your physician or other medical care provider made any recommendations about exposure to electromagnetic devices, including smart meters?

A. (above)

Q. Have you experienced symptoms or adverse effects while in the proximity of other smart meters?

A. In San Francisco, I would walk to the beach with hives all over my face. My friends would meet me at the beach and we would walk and they told me that the hives on my face would go away the longer we walked on the beach. By the time I would walk to my house in San Francisco the hives would come back from walking down the street amongst all the smart meters. The closer I am to smart meters the more acute my symptoms become and when away from them they disappear. I spent one week in [redacted] CA with a friend who lives off the grid and all my symptoms disappeared completely.

Q. Has your experience with smart meters caused any disruptions in your daily living? Please describe the circumstances?

A. Yes, I had to move across the country to get away from them. I had to start a business all over again in Pennsylvania. I had my business in San Francisco for 13 years. I could not go anywhere in San Francisco, except for the beach without being affected by Smart meters.

Q. Please tell us anything else that you want us or the Public Utilities Commission to know about your experiences and circumstances.

A. Smart meters are more dangerous than second hand smoke and should not be allowed anywhere in the U.S.A.

Dated this 25th day of January, 2013.

[redacted]

STATE OF PENNSYLVANIA
LANCASTER, ss: January 25, 2013

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by her is true and based upon her own personal knowledge, information or belief, and so far as upon information and belief, she believes the information to be true. Before me,

Mary Jane Reed
Notary Public/Attorney-at-Law
MARY JANE REED
Name Typed or Printed
My Commission Expires:

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Mary Jane Reed, Notary Public
West Hempfield Twp., Lancaster County
My Commission Expires April 17, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

PRE-FILED DIRECT TESTIMONY
OF [redacted]
MPUC Docket No. 2011-00262

Q. Please state your name, address and contact information.

A. [redacted]

Q. Was a smart meter installed at your residence?

A. Yes.

Q. Did you offer to provide testimony in another proceeding about your experience with smart meters?

A. Yes. I have had serious health problems related to smart meters and I offered testimony in a Michigan Public Service Commission hearing (Case No U-17053) reviewing a proposed opt-out program for Detroit Edison Company's Advanced Metering Infrastructure. Unfortunately, the Commission would not accept any testimony about health and safety issues.

Q. Is the attached document marked as Exhibit A a true and accurate copy of the testimony that you offered to provide the Michigan Public Service Commission?

A. Yes it is.

Q. Are the statements that you made in the attached Exhibit A still true and accurate?

A. Yes.

Q. Do you wish to add anything here not included in your statement in Exhibit A?

A.

Q. Do you want to submit the statements in Exhibit A to the Maine Public Utility Commission for consideration in its pending proceeding to investigate the safety of smart meters?

A. Yes. I submit the attached testimony in support of complainants Ed Friedman, et al in their case before the Maine PUC as evidence that smart meters are not safe.

[redacted]

STATE OF MICHIGAN
WASHTENAW, ss:

January 28, 2013

Personally appeared the above-named [redacted] and stated under oath that the foregoing Affidavit made by him is true and based upon his own personal knowledge, information or belief, and so far as upon information and belief, he believes the information to be true. Before me,

Kathleen A Mulligan
Notary Public

Kathleen A Mulligan
Name Typed or Printed

My Commission Expires: 9/21/14

KATHLEEN A. MULLIGAN
Notary Public, Washtenaw County, Michigan
Acting in Lenawee County, Michigan
My Commission Expires September 21, 2014

EXHIBIT A

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application and request of the DETROIT EDISON COMPANY seeking approval and authority to implement its proposed Advanced Metering Infrastructure opt out program.	)))))	Case No U-17053

QUALIFICATIONS OF [redacted]

Q. Do you swear that the testimony you are about to give is the truth, the whole truth, and nothing but the truth?

A. I do.

Q. Please state your name, address and contact information.

A. [redacted]

Q. On whose behalf are you testifying?

A. That of Intervenors Linda Kurtz and Cynthia Edwards.

Q. What are your qualifications to testify?

A. The electrical service at the house where I live is provided by Detroit Edison. I have been affected by the smart meter installation both in terms of my health and in terms of earning an income.

DIRECT TESTIMONY OF [redacted]

Q. What is the purpose of your testimony?

A. To provide information that may help the Commission in determining whether smart and digital meters create certain kinds of economic, medical, social, or other harm or hardship, as outlined in Intervenor Linda Kurtz's Petition for Intervention, to some or all persons such that Detroit Edison and the Commission must not require those who are or who are likely to be so harmed to have a smart or digital meter placed on their home or place of business or to be otherwise deprived of rights and liberties, as outlined in Intervenor Kurtz's Petition for Intervention, by the deployment of the advanced metering infrastructure, smart meters, or digital meters, and, in the alternative, that such persons must be able to avoid such harm to their person and property without being charged a fee.

Q. How long have you lived at your current residence?

A. I have lived in my home 15 years. I rent.

Q. What do you do for a living?

A. I worked as a [redacted] I've done that for about 35 years.

Q. When was a smart meter installed on your home?

A. I believe it was later in July.

Q. Did you know it had been installed on your home?

A. No. But a few days after I believe it was installed, I went out to check and there was a smart meter.

Q. Why did you go out to check?

A. Because I had intense ringing in my ears. I also felt extremely agitated and really wired.

Q. So did you know about smart meters?

A. Yes. A friend of mine had told me about them, to pay attention to them. I didn't go too far with it as far as researching what he said. I talked with a few electricians.

q. So were you worried about the smart meters?

A. I was concerned, because I felt like it was a way for the electric companies to monitor my personal habits, even knowing if I was home or not.

Q. Were you worried about the health aspects of smart meters?

A. I was concerned about it because of what my friend said, but I didn't make it important enough to research or follow it.

Q. What happened to your health after the smart meter was installed?

A. I started experiencing almost complete sleeplessness, intense insomnia. I also felt electrical shooting pains through different parts of the body. You know, I have experienced those pains before that, but never at the frequency or intensity that I began to experience now. I am one of those people who pays attention to everything, birds, animals, air, water. So when something changes in my body, I feel it.

One thing I found that was happening a lot, I felt like I couldn't leave the house, like I couldn't move my body right. It was like someone was moving my robot-body with a stick. My brain didn't feel right. Sometimes I couldn't even move my body. Usually there was extreme nausea right before I couldn't move. But I've never thrown up.

Q. What did you do when you couldn't move or could barely move?

A. I would try to drink some water, and then I would try to get out of my house.

Q. How did you get out of the house if you couldn't move or you could barely move?

A. I'd pray. It would take a little bit, but I could get out of the house.

Q. How did you feel once you left the house?

A. I felt better by the second. Two to three hundred feet from the house, I felt much better. I am really sensitive. I can feel the energy off my neighbors' smart meters. But the ringing in my ears doesn't go away. It does go away on sunny days when the sky is clear if I'm outside. But I always hear it in my house.

Q. Do you experience any other health problems or symptoms from the smart meter?

A. There are days when I go into Lowe's, I am going to throw up, and I have to leave.

When I'm outside, I feel fine, but as soon as I get home . . . .

At home, I also experience a strong, dull pressure at my occiput, wrapping around to the temple on the left side of my head. Also, I feel almost angry, there's a mood fluctuation. I never used to be any angry person. I'm not saying I've never been angry, but the ongoing consistency of the anger, it's become epic.

Q. Do you experience any other health problems or symptoms from the smart meter?

A. I feel a sick to my stomach feeling when I walk by a bunch of smart meters all lined up on a wall. I get pain in my forearms, it is excruciating, a crush, like my arm is being squeezed by a clamp and then released. I can experience that other times near meters, too, not just near a bunch of them.

The artery going up the left side of my neck pulses and swells. It is painful, too, not a sharp nerve pain, it's pretty dull, but it concerns me. I often get the occiput one at the same time.

I get numbness in my fingers and toes. I have experienced this numbness before, but it is much more exaggerated now.

I get an intense pain in my heel and Achilles. I feel it when I get home. At night, it's almost crippling.

I am so fatigued because I cannot sleep. It's like being tortured. I don't fall asleep.

I can't focus.

My teeth are in a lock-down bite when I sleep.

Q. How do you know it is smart meters that are affecting your health?

A. I wasn't feeling like this before. I was out of my home one day, and I came home, and suddenly felt all these sensations. Like I said above, after a few days of feeling so bad, I went out and checked my meter.

Q. Did you have any health problems prior to the installation of smart meters? If so, what were they and when did they begin?

A. No. My body is really healthy. I haven't been to a doctor in 20 years. I have been to the dentist.

Q. So, prior, no fatigue, no depression?

A. No. I'm happy most of the time.

Q. How was your sleep before a smart meter was installed on your house?

A. It was reasonable. The last three months, I feel like I've been in prison. I love life, I love nature, I love people, I love the house. But the last three months. . . . I tell you, if someone wants to mess with somebody, not letting them sleep is the way to do it.

Q. Have the health effects you experience as a result of smart meters affected your ability to work and earn a living? If the answer is yes, describe how.

A. Yes, because my sleep pattern is completely off. I'm unrested. I do a lot of ladder work, and it messes with my balance and equilibrium. I feel dizzy, nauseated, loss of strength. I never used to feel that way==I've always been so energetic. Productivity is decreased by 25 percent because I am just trying to feel better during my work day. The exhaustion makes me depressed and unmotivated.

I have to go to Lowe's all the time. I have felt so bad in there sometimes that I have aborted my cart and left what I was going to purchase. Sometimes, I walk in there and have to walk out and leave without getting what I came for.

Q. Have the health effects you experience as a result of smart meters affected your ability to interact socially with others? If the answer is yes, describe how.

A. Some, yes. It affects my cognitive skills, speech. My head hurts. It affects my ability to interact socially because I'm not as attentive to the other person, listening as well, as I would normally be, as focused.

It's had an effect on my intimate relationships. I snap, I holler. I never used to do that.

Q. Have the health effects you experience as a result of smart meters affected your ability to access public services, such as the public library, government offices? If the answer is yes, describe how.

A. No, I don't go to those places.

Q. Have the health effects you experience as a result of smart meters affected your ability to freely assemble outside? If the answer is yes, describe how.

A. No.

Q. Have the health effects you experience as a result of smart meters affected your ability to access religious or spiritual services? If the answer is yes, describe how.

A. No, because I don't attend religious services.

Q. Have the health effects you experience as a result of smart meters affected your ability to freely access health services? If the answer is yes, describe how.

A. No, but like I said, I haven't been to the doctor in 20 years. I'm concerned about going to my dentist again.

Q. Have the health effects you experience as a result of smart meters affected your ability to perform one or more major life activities not already mentioned? If the answer is yes, describe what activities and how the effects have affected your performance of these activities.

A. Reading, because my vision is kind of blurred sometimes and because I can't focus. Now, I don't read at home anymore. I was a big reader. Now I read in a café or in my car at a parking lot.

Q. Has your ability to live in your home been affected by the installation of smart meters?

A. Yes, most definitely. I do not feel comfortable or at ease in my home. Very unrested.

Q. Is there anything else you wish to say about how smart meters have affected your health and/or your life?

A. Since the smart meter was installed, there have been power surges when I flip the lights on, it's blown three switches so that I've had to replace them and blown seven light bulbs. Everything I have now buzzes: lamps, DVD player, portable massage tool, infratonic QGM (which is an ultrasound machine). My refrigerators are just screaming all the time because the compressors are very sensitive to the electrical surges.

Q. How old is the wiring in your home?

A. It's Romex.

Q. Is there anything else you want to say about how the smart meters have affected your life?

A. Overall, it feels like something has happened to my body's electrical field, and a lot of things don't function right.

Q. What do you feel is a fair opt-out program?

A. What is even close to being reasonable is to put my analog meter back on. I can read my own meter. Businesses, everybody, should be able to opt out.