

TAKE BACK YOUR POWER

May 10, 2012, Maine Supreme Judicial Court

[Jordan McColman, Lawner, Maine Public Utilities Commission]

If Mr. Friedman has a concern about the safety of smart metres, he does not have to have one.

[Female Judge 1]

Is it PUC's decision that by allowing an opt-out, it can duck an obligation to consider the health or the trespass issues?

[Jordan McColman, Lawner, Maine Public Utilities Commission]

Your Honour, all of these issues were before the Commission in the earlier proceedings. The Commission had a proceeding on this and...

[Female Judge 1]

But it didn't decide any of those issues.

[Jordan McColman, Lawner, Maine Public Utilities Commission]

No, no, Your Honour. The Commission did not.

[Female Judge 1]

The Commission, in fact, declined to do the analysis to make the decisions about health and safety.

[Jordan McColman, Lawner, Maine Public Utilities Commission]

The remedy for all of the concerns in those proceedings was to offer an opt-out.

[Male Judge]

How about the members of the public that are not opting out? Isn't it the Commission's responsibility to look after their health and safety? And to make a judgement as to whether they are being unreasonably exposed to RF?

[Jordan McColman, Lawner, Maine Public Utilities Commission]

Your Honour, nothing in the world can be made absolutely safe.

[Female Judge 1]

So, are you admitting that they're not safe? Is it the PUC's position that these are safe enough?

[Jordan McColman, Lawner, Maine Public Utilities Commission]

Your Honour, the public is free to have whatever concerns it would have.

[Female Judge 2]

What the Commission is doing, as you present it, is saying it has declined to do the health and safety analysis. You're on your own.

[Jordan McColman, Lawner, Maine Public Utilities Commission]

No, the Commission instructed the utility to, in its communication plan, to provide information to all of its customers about smart meters. And so it is to the science that is out there.

[Male Judge]

But, Mr McColman, there's still all those people that have them. And for those people, you're saying that the state of affairs can be that the Commission can take no position on their safety?

[Female Judge 2]

And leave it up to the utility?

[Josh Del Sol, Director]

About a year ago, a good friend of mine got ill. And there was no apparent reason why. And then she realised that her electric utility had installed a new digital smart meter, a wireless electric metre, at the same time as she got ill.

As I looked into it, thousands of people have had the same experiences. So I wanted to figure out, is this really happening? Are people truly getting sick because of radiation coming from electric metres?

I grabbed a camera and interviewed as many people as I could from all around the world to find out what's been their experience. And what do they know? I had no idea the level of startling information that we would discover along the way.

[Kevin Grodesky, Yoga Instructor]

I was hearing this banging on the basement door, which is the door that leads into the hydrometers that are in here. So I leave my bed, and I come down here. And I sit right here on this step, and I'm like, OK, I'm gonna film this.

[Unlawful Female Electric Meter Fitter]

I'm sorry. I'm just putting in your meters. Your power is going to be off for about 20. what I thought you needed. You're down here right.

[Kevin Grodesky, Yoga Instructor]

I'll show you the door. I'd heard her banging, but I didn't know that she had actually kicked the door in until she left. Because when she left, I came here, and I found this on the ground.

I was like, wow, she actually kicked the door in. We've since repaired the door. We've put these, do not install a smart meter sign on our door.

[Josh Del Sol, Director]

And apparently this wasn't the only case of a utility breaking and entering.

SMART PROPERTY RIGHTS

[Gomer Semerdjian, Licenced Electrician, Glendale, California]

The morning the guy came in to change the metres, this had been shattered. He had taken a deadbolt cutter and cut up our chain and basically pried our door open and walked right in here. And when he left, the chain was laying on the ground and was broken. The lock was broken also. Vandalised the property and forced his way onto my property without buzzing any of the building buzzers.

[Josh Del Sol, Director]

So with billions of dollars being spent all around the world with zero public input, and with all of these concerns coming to the fore, I realised that there had to be some serious commitment behind the scenes to push this grid through.

[B Blake Levitt, Award Winning Science Journalist]

A smart meter is part of a much bigger picture and a much bigger design. A smart metre is really just the attachment that goes on an outside of a home or a business. A two-way transmission device that ties into the larger smart grid plans that are being built out across the world.

[Josh Del Sol, Director]

In my research into this, I found that utilities around the world were stating that the smart grid will deliver enhanced energy security, reduced greenhouse gases, improved urban air quality, and increased grid asset utilisation. To me, this sounded great on paper.

[B Blake Levitt, Award Winning Science Journalist]

Unfortunately, there are problems with how the systems work. The smart grid systems are very buggy.

[Foster Gamble, Creator, "THRIVE"]

There seems to be a critical systemic issue with these misnamed smart meters. They're actually causing fires, in many cases, after they're installed. After hundreds of blazes with very few admissions of fault, the insurance adjusters are catching on.

[Michael Capetto]

And he says, jump in the car, we just got a call, your house is on fire.

[Male News Reporter, Fox News]

It was true. Michael Capetto's upper Makefield home was going up, burning, from a fire in his newly installed electric meter.

[Female Newsreader]

Well, tonight, there's a major development from PECO after at least two dozen fires and more than a dozen incidents of overheating, the energy giant is halting its controversial smart meter installation programme.

[B Blake Levitt, Award Winning Science Journalist]

And they're being installed by people who are not very well trained, for the most part.

[Male Newsreader]

BC Hydro says it's removing 1,000 smart meters from homes across the province. The company says the move is just routine testing.

[Joshua Hart, StopSmartMeters.org]

So how many smart meter fires have there been?

[Britanny McKannay, Spokesperson, PG&E]

We've installed approximately 9 million smart metres, and we have no reports of smart meters causing fires.

[Joshua Hart, StopSmartMeters.org]

Not one single report?

[Britanny McKannay, Spokesperson, PG&E]

We don't.

[Female at PG&E]

No. This is probably the better side of the garage. I don't know if you can see it. The meters were over here.

[Joshua Hart, StopSmartMeters.org]

And so the fire department basically said that the meters started the blaze?

[Female at PG&E]

He just took one look at the wreckage and said, smart meters, and walked away and never called back or came back.

[Joshua Hart, StopSmartMeters.org]

But Brittany, you were saying earlier that there was no smart meter fires, and this lady right here has pictures of her smart meter that exploded on her house.

[Britanny McKannay, Spokesperson, PG&E]

Josh, can I ask you to stop recording?

[Patrick Wrigley, PG&E Whistleblower]

PG&E knows that they do catch on fire when they are remotely turned back on when a customer who is delinquent in their bill finally pays their bill. These meters catch fire. They know it, and they are covering it up.

[B Blake Levitt, Award Winning Science Journalist]

Taxpayer money has now gone to some of the largest corporations on the planet. General Electric, for instance, is the largest manufacturer of smart grids. They're being manufactured in China.

[Josh Del Sol, Director]

As part of the 2009 U.S. bailout, \$3.4 billion was funnelled into a national smart grid stimulus, later increased to \$11 billion. This created a scenario where utilities were given a massive financial incentive to go along with the programme.

[Thelma Taormina, Founder & Chair, We The People Are the 9-12 Association, Inc]

And because they went after the stimulus money, they needed to have a certain amount of their meters deployed before they could recoup the cost. In addition to that, they started billing customers for these smart meters prior, months prior to any actual deployment of

these metres to the people's homes. So the consumers have been paying for these smart metres all along, even if they didn't have one.

[Josh Del Sol, Director]

According to Time magazine, President Obama originally suggested pouring \$100 billion into a smart grid at a time of economic crisis immediately following the 2008 election. Wikipedia reports that the U.S. government's primary reason for this unprecedented allocation of public funds is the eventual reduction in electricity usage by more than 4%. However, real-world evidence shows that installations of smart metres are not even producing any energy savings whatsoever.

According to a senior assistant attorney for Illinois Public Utilities, quote, "it's devastating to their plan," The report shows "zero statistically different result".

[B Blake Levitt, Award Winning Science Journalist]

They're being found in pilot programmes now, smart grids are, to really save no energy whatsoever.

[Josh Del Sol, Director]

So who benefits?

[Male, Unknown, California]

I got a bill in December for \$1,107. There's got to be a mistake.

[Female News Reporter]

No mistakes, says PG&E. After reviewing their accounts, the company says their meters were working correctly, just like those of the 1,500 other Californians who complained.

SMART BILLING

[Female News Reporter]

Consumer advocate Mindy Spatt says that still doesn't explain something else.

[Mindy Spatt]

Customers with the smart meters claim that their energy usage has inexplicably risen since the meters were put in.

[Female News Reporter]

So in other words, it makes it look like all of a sudden they're using twice as much energy as they used to use.

[Mindy Spatt]

Exactly.

[Male ABC Newsreader]

An experiment by some students at Stanford is raising new questions tonight about the accuracy of PG&E's controversial new smart meters.

[Female ABC Newsreader]

People all over the state have been complaining about inflated bills. 7 On Your Side's Michael Finney is here now to tell us more about the students' experiment.

[Michael Finney]

Like so many others, these students' PG&E bill went through the roof at just about the same time their new smart meter was installed.

[Male, Today Tonight Newsreader]

We start the week with an explosive investigation into the massive mistakes being made with power bills. Serious flaws affecting every electricity user with a smart meter have been uncovered.

And when this whistleblower told his power company what he'd found, they offered to pay him off. This exclusive investigation by James Thomas has sparked calls for a national enquiry.

[Brian Thiesen, Geopolitical Researcher, www.bc-freedom.com]

Why is it that in Ontario, California, Texas, Australia, all these other jurisdictions, the rates have been doubling and tripling, and this is a fact, and we are told that the bills are going to stay the same, it's actually going to bring the bills down, it's going to be more efficient, and all these things. Then when the bills go up, all these denials start to come in. Well, actually, you were just using more energy.

The best one that I like to hear is actually the meter's more accurate.

[Josh Del Sol, Director]

These cost increases from widespread systemic inaccuracies of smart metres are separate from the additional cost increases which will be based on time of use.

[Bill Vander Zalm, Former Premier of British Columbia, Canada]

It's all about money. We're going to be charged for time of use one day. It's coming.

[Josh Del Sol, Director]

But hang on a minute. Isn't the whole point to lower electricity bills for everyone? I mean, what we're seeing so far with increased bills has to be just a bump in the road, doesn't it?

[Barack Obama, 17 January 2008]

You know, under my plan of a cap-and-trade system, electricity rates would necessarily skyrocket.

[Josh Del Sol, Director]

The next thing I started to hear about was how this worldwide smart grid programme was making the entire power grid vulnerable to cyber attack.

SMART VULNERABILITY

[James Woolsey, Former CIA Director, United States]

What they're doing now, they're constructing what they call a smart grid. And they're going to make it easier for you and me to call our homes on our cell phone and turn down our air conditioning on a hot afternoon if we're not there. Great.

But that may well mean that a hacker in Shanghai with his cell phone could do the same thing or worse. And a so-called smart grid that is as vulnerable as what we've got is not smart at all. It's a really, really stupid grid.

[David Chalk, Hacking & Cyber Expert]

The vulnerabilities of the internet are now being transferred to the importance of the power grid. Without 100% assurance that the internet or that connectivity is safe, we are bringing the potential to take down the power that runs this nation.

[Mike Mitcham, IT Systems Consultant, Co founder, www.StopSmartMeters.org.uk]

There is a smart grid initiative in almost every industrialised nation happening at the same time. And what that provides is the potential for disaster to happen on a catastrophic scale.

[Josh Del Sol, Director]

Even the US government is admitting that the smart grid now opens the door to cyber terrorism on a huge scale. The Washington Post reported on the inspector general's findings that utilities and government didn't seem to care about the new hacking vulnerabilities. Energy officials knew of these weaknesses but approved plans for the projects anyway.

My journey of investigating deeper into this worldwide programme began in British Columbia.

[Bill Vander Zalm, Former Premier of British Columbia, Canada]

They knew about smart meters years ago. They could have been talking about it, but they kept it quite secret. They thought perhaps they could introduce it, simply do it, and no one would respond. We'd all forget.

And they designed legislation that would make this possible, the installation of these smart meters. Because without the legislation, obviously, it would be going to the Utilities Commission, they'd be looking at it, they'd be assessing it, they'd be studying it, they'd be addressing all the concerns we're talking about now. That's their role, and that's been cut out of the process.

[John Horgan, NDP Energy Critic]

It was a terrible idea. Without the ability for the public to get honest, transparent answers from the government and from BC Hydro, they were left to their own device.

[Female News Reporter]

Which for many BC Hydro customers meant turning to the internet.

[John Horgan, NDP Energy Critic]

And a quick Google search of smart meters will give you thousands of pages of bad news. We have a large number of British Columbians, over 100,000 that have not yet received meters, and it's because they don't want them. It has nothing to do with a lack of technology. It has nothing to do with a labour shortage. It's customers that are saying no.

[James S Turner ESQ, Rights Advocacy Lawyer, Washington DC]

This is a mandate. This is being pushed down your throat by a company that is not responsive, by a government that is not responsible, and it's being done in a collusion that's

designed to undermine the individual rights of individual people in communities across the country and around the world.

[Josh Del Sol, Director]

So, our provincial government has rewritten laws, is ignoring a democratic vote by all mayors and councillors, and is also ignoring resolutions from more than 50 local municipalities who have passed additional independent moratoriums on installation of these meters in their own cities.

Despite numerous calls over several weeks, BC Hydro declined a request for an interview.

Corix Utilities, the company installing the meters, didn't even want to return our calls.

[Female Interviewer]

Do they have the right to refuse the new meter?

[Cindy Verschoor, Public Relations BC Hydro]

The meters are a necessary upgrade to the electricity grid.

[Female Interviewer]

Okay, but this is non-negotiable, you must have the new meter?

[Cindy Verschoor, Public Relations, BC Hydro]

They are a necessary upgrade to the electricity grid.

[Female Interviewer]

Okay, I'll try this one more time. Legally, are you allowed to refuse the new metre? You're uncomfortable with this question.

[Cindy Verschoor, Public Relations, BC Hydro]

I'm just trying to figure out how best to answer that.

[Josh Del Sol, Director]

What does it say about our political system? Have we completely gone the way of corporations? Is there any representation left?

[John Horgan, BC Legislative Assembly Member New Democrat Party, BC, Canada]

Well, I'm very reluctant to use the word fascism. As a student of history, I mean, we're nowhere near that. But the corporatocracy is a word that I'm comfortable with.

SMART CORPORATOCRACY

[Rafe Mair, Former Minister of Environment British Columbia, Canada]

There's a worldwide privatisation scheme. It's really, I suppose, a new form of corporatism, where governments are no longer masters of their own fate.

[Josh Del Sol, Director]

And it starts to become clear that this same undemocratic process to covertly implement smart meters in my province of British Columbia was also the case in California, throughout

North America, and around the world. So how could it possibly be the case that these corporations who are pushing for a global smart grid would continue with their plans despite an enormous list of potentially disastrous downsides?

[Ian R Crane, Geopolitical Researcher, Former Oilfield Executive]

A massive part of the smart meter agenda is to literally track every single movement within a house. So every time somebody switches on a light, every time somebody switches on an appliance, each of these appliance has a unique code which is then effectively transmitted through the smart meter down the grid. So anybody that is minded to do so can hone in on an individual residence and actually track what is going on in that household.

[James S Turner, ESQ, Rights Advocacy Lawyer, Washington DC]

So they can figure out, when is your refrigerator being used? When is your TV on? What are you doing with your energy? And they're going to start having a profile of you as an individual.

[Josh Del Sol, Director]

A congressional research report all but concluded that smart metres in the United States are a violation of the Fourth Amendment. In no uncertain terms, the court has asserted that at the very core of the Fourth Amendment stands the right of a man to retreat into his home and there be free from unreasonable government intrusion. With smart meters, police will have access to data that might be used to track residents' daily lives and routines while in their homes, including their eating, sleeping, and showering habits, what appliances they use and when, and whether they prefer the television to the treadmill, among a host of other details.

And while some utilities are still saying that all of the in-home private data they'll collect on you will be kept safely tucked away, another picture seems to be emerging.

[Joshua Hart, Director, www.StopSmartMeters.org]

Here in California, utilities are already selling our private electricity usage data to third-party corporations for a profit. Rather than discourage this practise, the California Public Utilities Commission has actually encouraged it.

[Josh Del Sol, Director]

In a 2011 press release titled California Commission Adopts Rules to Protect the Privacy and Security of Customer Electricity Usage Data comes the following. CPUC President Michael Peevey Our action today will protect the privacy and security of customer electricity usage data while enabling authorised third parties to use the information. Commissioner Timothy Allen Simon added, I support today's decision because it expands consumer and third-party access to electricity usage information. I hope this decision stimulates market interest.

In the summer of 2013, these newfound intentions became evident. The San Francisco Chronicle revealed that California's electric utilities last year disclosed the energy use records and other personal information of thousands of customers to agencies within the U.S. government.

SMART SPY STATE

[James S Turner, ESQ, Rights Advocacy Lawyer, Washington DC]

As General Petraeus has said, make no mistake about it, we have the ability to spy on your household through your appliances. And if we have that ability, we probably will use it.

[Ian R Crane, Geopolitical Researcher, Former Oilfield Executive]

I mean, this is control freakery. It is the wet dream of the technocrats. People who live locked in a left-brain construct that has no room for anything spiritual in their lives.

[Mike Mitcham, IT Systems Consultant, Co founder, www.StopSmartMeters.org.uk]

Last year we discovered that Verizon have a patent for a piece of technology that they're calling the Smart TV Detection Zone. And this product will sit next to your television and be capable of eavesdropping on your conversations whilst you're watching TV. So will be able to determine, for example, who's in the room, who's watching TV, what you're talking about, and how you're talking about it.

How far does that go? Where does it stop? At what point do we draw the line and say no?

[Foster Gamble, Creator, "THRIVE"]

Let's look, for example, at the CISPA bill. That's the Cyber Intelligence Sharing and Protection Act, which was intended to legalise transferring all your data from megacorporations to the government. Now, this seems to be in violation of our Fourth Amendment rights against unreasonable search and seizure, but it's already passed the House.

Fortunately, the Senate has so far refused to vote on it. Recognising the pushback to CISPA, apparently the Obama administration has created a covert agreement with the Justice Department to grant immunity to all these communication companies and Internet companies that were already sharing the data. And now, as of June 12, 2013, a new aspect of that goes into effect, which expands this whole authorisation to cover all critical infrastructure sectors, and that includes energy, health, and finance.

[Thomas A Drake, Former Senior Executive, National Security Administration (NSA)]

What you're seeing is the establishment of a surveillance society. You're seeing the establishment of a surveillance network. It raises the spectre of kind of the rise of soft tyranny.

It raises the spectre of you're automatically suspicious until we prove that you're not. It raises the spectre of a universal, I'll call it a universal wiretap, a persistent universal wiretap on every single person. Or if it's not, they can create one.

Because what happens if they don't like you? What happens if you speak ill will against the government? What happens if you say something they consider disloyal?

I mean, that's not the country that I took an oath to defend four times in my government career.

[Josh Del Sol, Director]

What's the mindset of these mammoth corporations who are now apparently in partnership with government?

[Female Interviewer]

Eric Schmidt is Google's CEO. People are treating Google like their most trusted friend. Should they be?

[Eric Schmidt, Executive Chairman, Google]

If you have something that you don't want anyone to know, maybe you shouldn't be doing it in the first place.

[Alyona Minkovski, The Alyona Show, RT.com]

Google has already been caught and fined for systematically hacking and harvesting passwords from millions of private Wi-Fi networks with its mapping cars and illegally siphoning private data from iPhone users.

[Eric Schmidt, Executive Chairman, Google]

We don't need you to type at all because we know where you are, with your permission. We know where you've been, with your permission. We can more or less guess what you're thinking about.

[Alyona Minkovski, The Alyona Show, RT.com]

So Schmidt simply views the invasion of privacy as a way to allow the Internet giant to gain more information about you, and then that data will let the search engine help you in your everyday life. Don't you get it? Google is trying to amass a huge amount of personal information about you to help you.

[Eric Schmidt, Executive Chairman, Google]

There's what I call the creepy line, and the Google policy about a lot of these things is to get right up to the creepy line but not cross it. I would argue that implanting things in your brain is beyond the creepy line.

[Unknown Male Speaker]

Mine in particular.

[Eric Schmidt, Executive Chairman, Google]

Yes, at least for the moment, until the technology gets better. Let's talk a little bit about information and search.

[Josh Del Sol, Director]

Wait a minute, what was that?

[Eric Schmidt, Executive Chairman, Google]

I would argue that implanting things in your brain is beyond the creepy line.

[Unknown Male Speaker]

Mine in particular.

[Eric Schmidt, Executive Chairman, Google]

Yes, at least for the moment, until the technology gets better.

[Josh Del Sol, Director]

Is he saying that Google's creepy line is defined only by the current level of technology?
What does a higher level of technology have to do with morals or ethics?

[Jeffrey Armstrong, Author and Speaker, Former Apple Executive]

But what I learned in Silicon Valley was there is no moral component to technology unless humans insist that it be there.

[Jerry Day, Emmy Award Winning Producer, www.FreedomTaker.com]

What more do you need to know? But most people seem to want to just close their mind to it and just say, oh, the government wouldn't do that, and, you know, that can't be true. It is true, and once you know it's true, you get this question in your mind of how did they think they could get away with it, and what in the world are they trying to do with all this data? Why do they need to get into our lives this deeply?

[Foster Gamble, Creator, "THRIVE"]

My research has led me to believe that the controlling elite are trying to create a global cashless currency, and one of the ways that they intend to do this is to base it on carbon credits. Basically what that means is they're going to dole out your use of energy dependent on your behaviour, and they want to be able to control it themselves. So these things that they're installing, the meters and the appliances with both sending and receiving transmitters, would allow them to not only monitor but to control every appliance in your house.

What is it that makes the government think that they can usher us into a totalitarian state at all, much less without us even noticing?

[Josh Del Sol, Director]

It seemed to me that whether it's a terrorism threat or an apparent energy crisis, or an obsession to modernise technology without purpose, what's being consistently implied is that we must now willingly give up our basic human rights. I had to wonder, what if we were being systematically fed a false paradigm?

[Joel L Bellenson, Entrepreneur & Solar Expert, EqualWatts.com]

Scarcity is the nightmare that's lurking in everyone's mind. It's what's driving a lot of our emotional reactions to everything that we face. It's that lurking fear that things are going to run out.

So it's not a bad thing that we do have these fears, but they've overcome our ability to look at the reality, which is that we don't live in a condition of scarcity. There is no shortage of energy on this planet. The sun is the source of all, and the sun produces quadrillions of times the amount of energy we need.

[Foster Gamble, Creator, "THRIVE"]

I've personally had the privilege of visiting numerous laboratories where inventors are successfully creating technologies which access off-grid energy in whole new ways, and it's really exciting to see. Sadly, most of these have been raided and shut down, and the Federation of American Scientists have actually acknowledged publicly on their website that over 5,000 of these technologies have been suppressed, have been confiscated in the

process of applying for patents. This whole smart meter fiasco could go away very quickly if these alternative energy technologies were simply allowed to flourish.

Now, that's not going to be in the agenda of the controlling elite. That's going to be up to us.

[Josh De Sol, Director]

I looked into it, and it turns out the U.S. government has actually created a law for the suppression of inventions. The patent laws allow any interested agency, including the Atomic Energy Commission, to shut down any patents if they consider them to be detrimental to the national security.

With six of the world's seven largest companies in the oil and gas industry, could it be possible there's a vested interest in preventing decentralised clean energy pulling strings at this level of depth?

And incredibly, in July of 2013, Spain actually taxed the sun, setting a fine of 30 million euros for violators who collect sunlight for their own use. While billions and billions of taxpayer dollars continue to be spent for a centralised control grid, are we still expected to believe that this has anything to do with going green?

[Jeffrey Armstrong, Author and Speaker, Former Apple Executive]

Whenever human beings are invested historically in a particular technology, then power structures build up around that that fight for their own interest just at a time when a change is about to take place to a better way of doing things. They fight for their existence like a creature fights for its existence. They are the dinosaur that is just about to become extinct, which is the need for overly centralised power producers, and that this is a bid to have a device in the home which gives them both control and future capabilities of broadcasting and receiving through the home.

[James S Turner, ESQ, Rights Advocacy Lawyer, Washington DC]

Whatever is happening to Americans with this technology is going global. Every one of these energy companies in the United States is embedded in an international grid of energy delivery, and they're working to control every household across the world using this kind of technology.

[Jeffrey Armstrong, Author and Speaker, Former Apple Executive]

Wait a minute, this is not what I asked you to do. All I asked you to do is deliver electricity to my house, not monitor my house, not broadcast throughout my house. When I was in Silicon Valley in 1980, this was being discussed.

It was who was going to take over the home, the energy companies, was it the phone companies, was it the energy companies, whose line of access to the home was going to allow a single point of access to the home. But it didn't escape everyone that however they delivered everything to you made you totally dependent, gave complete access, and could be a two-way street. But what no one knew at that time was that a method of technology would be used whose byproduct was essentially radiation.

[Herb J Wesson, Jr, Los Angeles City Council President, Los Angeles City Council 4 February 2013]

Miss. Lawson?

[Miss Lawson]

Our power was cut off on February 11, 2013, and we have not had power in seven weeks. And because they installed that radio frequency meter on our property, my sisters had fevers of over 102 Fahrenheit, and they kept on going up. This is not normal. This should not be tolerated.

[Herb J Wesson, Jr, Los Angeles City Council President, Los Angeles City Council 4 February 2013]

Okay, I want a high-level person from DWP to connect with this family, find out exactly what's going on, and let's fix it immediately.

[Aminah Abdul-Mujeeb, College Student (Science Major)]

Unfortunately, when I complained about the smart meter put on our property, I was told there was no smart meter on our property. It's a radio frequency meter. When I began to express to DWP the health concerns, it came out of nowhere.

They told me that I was making it up. It didn't make any sense. My husband and I had numerous people come to our house and explain to us that it must be something else in your home.

So I began writing to the general manager, Mr. Nichols. He ignored my emails. So for months and months and months, I begged DWP to please take this off of our property, and we have had no power for seven weeks and one day.

Easter for our children was horrible.

[Herb J Wesson, Jr, Los Angeles City Council President, Los Angeles City Council 4 February 2013]

Okay, thank you. We'll get to the bottom of that today. I want somebody on the phone right now. Is anybody here from DWP?

[Male Speaker]

It looks like Tom's on the phone right now.

[Herb J Wesson, Jr, Los Angeles City Council President, Los Angeles City Council 4 February 2013]

And, Mr. Buscaino, I'm on this, so I will one way or the other find out what's going on with the Lawson family. I'll find out today.

[Aminah Abdul-Mujeeb, College Student (Science Major)]

So the very next day after the city council meeting, our power was turned on. DWP came to the house. So we've had power since April 1, 2013.

[Josh Del Sol, Director]

Great. Aminah, how does it feel to take a stand and then to ultimately for the situation to be corrected?

[Aminah Abdul-Mujeeb, College Student (Science Major)]

Well, it feels great to actually go out there and fight for what you believe in and not just sit on the sidelines and say, oh, well, this is happening. There's nothing I can do about it, but just actually know that you can do something about it and that you can't give up. Just always fight for what you believe in.

[Josh Del Sol, Director]

In May of 2011, the World Health Organisation classified radiofrequency radiation as a Class 2B potential cancer-causing carcinogen. The utility companies will tell us that the meters are only on for 45 or 60 seconds a day and that they're safe. So the next stop on my journey to verify the facts was with Dr. David Carpenter, a Harvard-trained researcher at the University of Albany, New York.

[Dr David O Carpenter, University at Albany & Harvard Medical School, Author of 220 Publications]

Under court order, Pacific Gas and Electric admitted that their smart meters generate 14,000 spikes of communication per day. Utilities have often held that smart meters are not a problem because they communicate with the utility rather infrequently, maybe a couple of times an hour. That doesn't matter how frequently they communicate to the utility. What matters is how frequently do they generate radiofrequency fields. And clearly the utilities have been hiding the fact that these smart meters generate these radiofrequency fields almost continuously. They're pulses, but they're very, very frequent.

[Josh Del Sol, Director]

So according to PG&E's court documentation, the average smart metre is on for 45 or 60 seconds a day, but they've conveniently withheld from us that these 45 or 60 seconds are split up into 10,000 or more pulses, each at about 4.5 milliseconds in duration, emitting all the time, every few seconds, 24-7. And some metres are up to 190,000 pulses per day.

[Kristin Fisher, WUSA 9]

So this is a smart meter bank. It's inside a Northwest D.C. condominium building, and there's 32 different smart meters inside this building. So what I did was I brought in a meter that measures the levels of radiofrequency radiation, and what I'm finding is that these smart meters are emitting radiation every few seconds.

But Pepco says smart meter communications take place every 4 to 6 hours. So I brought these findings to Pepco spokesman Marcus Beal, who said...

[Marcus Beal]

I can't account for a test that we, you know, there are a lot of variables involved that, you know, we can't account for with a test that we're not present at. But, you know, we're confident in the specs of our meters and the safeness of the meters at this point.

[Kristin Fisher, WUSA 9]

So I asked Pepco if we could go out with their experts to do their own tests. They told me they would look into it. And just to be clear, we're not saying whether or not this radiation is dangerous. That's up to the scientists, and it is currently the subject of a very heated debate.

[B Blake Levitt, Award Winning Science Journalist]

The definition of a smart grid is a wireless system that will fundamentally turn every single appliance in your home into the equivalent of a transmitting cell phone. That's every computer, every television, every furnace, every air conditioner, every coffee machine, every printer. Every single appliance that you have in your house will eventually, in a smart grid, have an antenna that's embedded into it that will transmit your usage data to a smart meter on the outside of your home that will then transmit your usage data to another tower receiving a usage signal that will then go to the utility company for supposedly billing purposes.

Not all signals will just be about your individual use. There will be aggregate meters that will bounce signal from house to house to house within a neighbourhood that will then accumulate all of the usage data that will transmit that to the utility company. Now, what that will do is that the end metering system that is transmitting all of that data will be firing an RF signal at many, many times a second, which will increase the average homeowner's radiofrequency radiation exposure exponentially.

[Dr John Nash Ott, *Exploring the Spectrum*]

This picture shows some aphids on the leaf of an orange tree shortly after radar equipment was installed at a nearby airport a number of years ago. I noticed that every few seconds all the aphids would tense up in unison and do sort of a little dance, as you see in the picture. Upon further investigation, I found that the interval of time between the activity of each dance coincided exactly with the rotation of the radar rotor device at the airport, which was a distance of approximately 14 miles.

[Josh Del Sol, Director]

And we now have vast amounts of published science on microwave radiation and health effects. The data we're going to look at are all published science, testing results, or public standards. At the bottom end of the radiation scale, of what's called power density or signal strength, is the minimum level at which cell phones will work, which was found to be 0.2 billionths of a microwatt per centimetre squared. Pine needles were found to age prematurely at 0.000027. At short-term exposures to 0.05, children aged 8 to 17 experienced headache, irritation, concentration difficulties, and behavioural problems. 0.1 is the bowel biology or building biology guideline for extreme concern. 1.0 produced sperm DNA fragmentation and a decrease in sperm viability in vitro. Also at 1.0, the science shows the following bodily effects can occur. Headaches, dizziness, fatigue, insomnia, chest pain, difficulty breathing, and indigestion. 2.5 saw altered calcium metabolism in heart muscle cells. 4.0 changes in the hippocampus affecting brain memory and learning. And at 6.0, DNA damage in cells. So, where are smart meters on this list?

Electrical Power Institute in December 2010 measured a single ITRON smart metre with pulses up to 7.93 microwatts per centimetre squared. Our own testing indicated approximately 8.0 with one metre. These tests are at a close distance, approximately one foot away from the metre, but an infant's crib can be just as close on the other side of the wall where the metre or bank of metres are installed.

Even though there are all these known health effects at levels far lower, Switzerland, Liechtenstein, and Luxembourg see fit to set the standard at 9.5. And China, Poland, and Russia, 10.0. This is the same level at which behaviour has been altered, producing reflexes

of avoidance following 30-minute exposures. A room of 12 smart metres, very common and even a conservative number in an apartment building, tested at 19.8 microwatts per centimetre squared. This is hundreds of times higher than levels which clearly indicate harmful effects.

So, how can utilities and governments get away with forcing these devices on everyone? This is how. In Canada and the U.S. and several other civilised countries, the safety limit is set at 600 to 1,000 microwatts per centimetre squared. This so-called safety limit is literally tens of thousands of times higher than levels which are known to damage health, according to peer-reviewed published science.

[B Blake Levitt, Award Winning Science Journalist]

There was an organisation called the Committee on Man and Radiation. Essentially, the Committee on Man and Radiation intellectually framed this as a controversy that there was no such thing as a non-thermal effect, that thermal effects were the only good science, and they had good science on their side, and anyone who said otherwise was either a crank or needed to be dismissed from the area altogether.

[Josh Del Sol, Director]

One website in Central California has posted more than 300 letters received from those suffering functional impairments since having their meter, quote, upgraded. The one thing all these people had in common? Their utility did not tell them the dangers associated with the new meter.

[Dr David O Carpenter, University at Albany & Harvard Medical School, Author of 220 Publications]

Our concern is that smart metres add to this multiple source exposure to radiofrequency radiation. Radiofrequency radiation that we know causes a variety of biological effects, and where we have very strong evidence that it causes disease, specifically brain cancer and other diseases.

SMART HEALTH DANGERS

[Josh Del Sol, Director]

There have now been more than 6,000 published scientific studies on the health effects of microwave radiation since the 1930s, and with the vast majority showing that there is some biological damage being done, the jury is no longer out on whether this is harmful. Even by 1972, we have the U.S. Navy producing an unclassified report of health effects on the human body observed from microwave radiation, summarising more than 2,300 studies. Five pages of observed human health effects in this report include headaches and insomnia.

[Anna Maurer, Sebastopol, CA]

I was walking by and I got like a flash headache, which was painful.

[Female Interviewer]

How many times did that happen?

[Anna Maurer, Sebastopol, CA]

Every time I walked by it, which was a bunch of times.

[Josh Del Sol, Director]

Vagomimetic or irregular action of the heart.

[Haven Colgate, Hastings-on-Hudson, New York]

They were installed in my house and shortly after that, I started experiencing pretty significant heart palpitations.

[Josh Del Sol, Director]

Anxiety.

[Female Speaker]

I was nervous a lot and I couldn't sleep.

[Josh Del Sol, Director]

Chest pain.

[Female Speaker]

I started getting this intense chest pain.

[Josh Del Sol, Director]

Changes in the Operation of Implanted Cardiac Pacemakers.

[Louis Donovan, Has pacemaker & defibrillator, Carson, California]

Well, my heart would speed up to do about 170 beats a minute and I could normally control any arrhythmia that I would have before just by meditation and relaxing, and the smart meter, I couldn't. I couldn't bring it down.

[Josh Del Sol, Director]

And you found that when you were in that electromagnetic field, your heart was going to high rates of arrhythmia.

[Louis Donovan, Has pacemaker & defibrillator, Carson, California]

Yes, and it wouldn't happen all the time. The first time was eight months after the meter was installed, and then the second time it occurred was six months after that, and then it went four months after that, and then went two months after that.

[Josh Del Sol, Director]

So you became more and more sensitive.

[Louis Donovan, Has pacemaker & defibrillator, Carson, California]

More and more sensitive as the time went by.

[Josh Del Sol, Director] UP TO HERE 45.46

And you found that when you were able to remove the meter, that you did recover. Correct, yes.

[Josh Del Sol, Director]

Another serious health complaint about these devices is what's known as dirty electricity, caused by the converter between DC and AC current. It appears that utilities do not wish this aspect of the health issue to become widely known.

[Samuel Milham, MD, MPH, Epidemiologist, Author, *Dirty Electricity*]

I can't tell you how many people have called me who became dreadfully ill the minute one of those got put on their house. Dirty electricity is, the best synonym is electrical pollution. We understand air pollution.

If there's clean air, there's polluted air. If there's clean electricity, there's polluted electricity. Dirty electricity is the major pollutant that comes into your house, on your wires, riding piggyback on the 60 cycle.

The real evil about the smart meters is everybody gets one. The whole neighbourhood, every house in a development, every apartment in a building has got one of these things. Each one's got a switching power supply in it, and they're all big generators of dirty electricity.

And I'm certain it's the device that changes the AC to DC.

[Josh Del Sol, Director]

After having 12 upgraded metres installed on her bedroom wall, Rosa Peric began experiencing headaches and insomnia.

[Rosa Peric, Sacramento, California]

I lived through Nazis, communists, soldiers, Cossacks. Nobody damaged my health as much as smart metres did. This was supposed to be my golden years.

Instead, these are my bloody years. You did not give me an option. When you came and installed, you did not give me an option.

I didn't have no option. You came after me, you deceived me.

I have something to show you. This is my, I have no control when I'm going to bleed, when my nose is going to bleed. This is the blood from my nose. I cannot even sleep on my own bed anymore.

I have to close the door to the bedroom and sleep on chairs in the living room or put the mattress down sleeping bag on the floor.

[SMUD Board of Directors 18 October 2012, Male Speaker]

Do you ever have nosebleeds away from your apartment?

[SMUD Board of Directors 18 October 2012, Female Speaker]

I'm sorry, your time is up.

[SMUD Board of Directors 18 October 2012, Male Speaker]

Thank you very much.

[SMUD Board of Directors 18 October 2012, Male and Female Speaker]

I appreciate you coming, but your time is up.

[Rosa Peric, Sacramento, California]

Thank you.

[Michele Hertz, Artist, Hastings-on-Hudson, New York]

I made a call to a government agency. I started to talk about the problems with the meters and he was getting agitated and he said, they're just like cell phones. There's nothing wrong with these meters, they're just like cell phones.

And I said, no, it's not true. There's a problem with these metres in the switch mode power supply. And he said to me, how do you know about switch mode power supply?

And I said to him, what is your name? And he hung up on me. And then about 10 minutes later, he called me back on a different phone and he told me there is a problem with the switch mode power supply.

He knows about this, but he can't talk. And I think that a lot of people are scared to talk and a lot of people know what's going on here. Electricians know, people at Con Edison know, but I don't think they know what to do.

I would say that it's better to do the right thing because when people are silent, a lot of people can die.

[Josh Del Sol, Director]

Alright, we're getting on the plane to go to Salt Spring for the day. Looking forward to it. After a comedy of errors this morning. And here we are. Beautiful day.

Away from the city, we wanted to track what was happening with this agenda in a small community called Salt Spring Island, where we were hearing around 30% of the population had locked up their analogue meters or otherwise made it clear in writing to their utility that they were choosing not to have a meter installed.

I personally was glad to get on a plane, hoping to clear my head with a visit to one of the quieter parts of the world, while still getting to the bottom of the story there.

[Stan Boychuck, "Smart" Metering Program Consultant]

We know that you have refused a smart meter. The meter that will be installed onto your premises here will not be functioning as a smart meter because there are no receivers established. You get what everyone is calling a smart meter, none of which are smart meters yet.

[Female Speaker]

You will guarantee me that we will not have it functioning as a smart metre. As long...

[Stan Boychuck, "Smart" Metering Program Consultant]

Because you're opt-out.

[Female Speaker]

Because we're opt-out.

[Stan Boychuck, “Smart” Metering Program Consultant]

Yes, yes, I guarantee you.

[Female Speaker]

You will guarantee me that.

[Stan Boychuck, “Smart” Metering Program Consultant]

And if you want, I will get BC Hydro, I will get Gary to write you a letter to that extent and send it registered mail.

[Male Speaker]

So, Chris, are they going to be running this as a smart meter or just as a regular metre?

[Chris]

They're going to be running this as a regular digital meter such as has been put on houses since 2008.

[Male Speaker]

Chris has the metre on now, and he's going to test the meter.

[Chris]

Okay, they're lying, folks. This is emitting.

Yeah, they're lying. Yeah, okay, that's over 20,000 microwatts and that Hydro has officially lied publicly lied in front of all these people, lied to the owners of this house to the effect that this would not be emitting radio frequency radiation, it's emitting radio frequency radiation in spades. They have lied.

[Female Speaker]

You have lied, you son of a bitch. You have lied. That is really, really, really bad.

I'm so upset. I'm so upset. You've lied to us.

You've lied to us. You said that there's not going to be any radiation coming off that, so you're lying to us.

[Stan Boychuck, “Smart” Metering Program Consultant]

I have no idea of the testing mechanism of this. I have no idea of who you are.

[Female Speaker]

You know, how do you think I feel right now? I trusted you, I trusted you, and that's how I honestly feel. I feel like I've been raped.

[Chris Anderson, Environmental Consultant]

With this smart metre programme, we're stepping across the line from democracy to corporatocracy, and that's scary. The person who invented the word corporatism was Benito Mussolini. It's also known as fascism, and everybody uses that term a little too loosely, but in this case it applies very succinctly.

If you don't have the right to a healthy environment, you have basically lost all rights. People who haven't the faintest idea that they had a smart meter installed are getting very sick all of a sudden and wondering why, and suddenly it comes to them that, oh, something's different about my electricity meter.

[Richard Cooney, Former Beekeeper]

I'm a beekeeper, or I was a beekeeper. For over ten years I had two hives on my side porch outside of the rain. About a year ago or so I had a smart meter installed, outside of my knowledge, with all the EMF.

This winter I've lost all my bees. I don't know if it's because of colony collapse disorder, or I don't know if it's because of the EMFs from the smart meter, but it is suspicious.

[Josh Del Sol, Director]

The consequences of this development have also been predicted by the critics for many decades and can no longer be ignored. Bees and other insects disappear. Birds avoid certain areas and are disoriented in other locations. Humans suffer from functional disorders and diseases. And those that are hereditary are passed on to the next generation as existing defects.

Despite overwhelming evidence of biological harm from this type of electromagnetic radiation, the utility industry has assumed the safety of smart metres without doing any testing.

For the past 29 years, Dr. De Kun Li has conducted original research and epidemiology for Kaiser Permanente in Oakland, California.

[Dr. De Kun Li, MD, PhD, MPH, Senior Research Epidemiologist, Kaiser Permanente Division of Research]

I'm not aware of any safety studies that have been done to examine the safety of a smart meter. To me, a manufacturer wants to give a product to a consumer, especially in this case to everybody, imposed on everybody. They are the ones who should carry the burden to prove it is safe before they can give it to other people.

It's not up to the consumer to demonstrate they are unsafe.

[Dietrich Klinghardt, MD, PhD, Founder, Sophia Health Institute, Founder Klinghardt Academy]

It's a technology done by private companies, these electric companies, private companies that have the right to install this on your house, destroy your health, and there's no accountability at all.

[Josh Del Sol, Director]

While industry has failed to do any peer-reviewed studies on smart meters and health effects, a growing body of independent research is now starting to accumulate.

[Dietrich Klinghardt, MD, PhD, Founder, Sophia Health Institute, Founder Klinghardt Academy]

It is our experience as physicians that everybody is equally electrosensitive. You install this thing, measurably, certain things in your health go down. We're tracking now certain sensitive parameters of it. One is an inflammatory marker called TGF-Beta-1. It goes way, way up as soon as the smart meter is installed. The MMP-9, the metalloproteinases, go way, way up. These are inflammatory markers. The copper level in the serum goes up as a sign of chronic inflammation driven by something that's suddenly there. And the hormones go way up. The neurotransmitters go way up.

So we have lab tests that we can show. Here's a patient. We monitor him. For 10 years before, he was completely normal. The smart metre was installed. Six months later, the patient looks like a dying patient from the lab work. And we find those changes even in people that say, Well, my wife is sick since the smart meter's in there, but I'm totally healthy. When we look at the lab work, it looks just as bad.

So some people have an awareness of health and goodness in them, and other people don't. But from what our experience is that everybody is affected by this, not just a few 3% of electrosensitive people.

[Josh Del Sol, Director]

Did you hear about people coming to you as far as having complaints about illness?

[Dr. Frank H Springob, DC, Chiropractic Physician and Author]

We were made aware of health complaints following installation of smart meters, and we wanted to verify this using our field work. So I measured the field of about 30 different people while they stood one foot in front of the smart meter. And in every single case, the human energy field was obliterated as they stood in front of the smart meter.

We wanted to then verify this at the physical level using dark field microscopy. And then we also did a control group to find out if the old analogue meter had the same effect on the blood as the smart meter. So in our first slides, what we see is normal cells and the structure of the cells is intact and sound. This is what we would expect from a normal sample.

With the subject standing one foot in front of the analogue meter, there were no significant changes to these blood samples in any of the three that we tested.

In our second set of tests, we're using the smart meter. Before the exposure, we see the same thing as we saw in the first samples. Normal cell walls, fairly separated, and looking healthy. So after two minutes of exposure in front of the smart metre at about one foot away, we see a totally different story.

Sample 1, you can see a lot of degradation in the cells. The cell walls have been broken, and you see changes in the cells, which are called mycoplasma. It shows a mutation to the cell.

In the second sample, we see a different type of degradation to the cell membranes. You can see a corrugation here. This is called bottle cap formation, and it's known that this occurs due to oxidation or exposure to free radicals.

So this third subject, when we did her sample, she had to be pulled away from the metre after 45 seconds because she complained about an increasingly severe headache. And here

you see a phenomenon called Rouleau, where the red blood cells are stacking up, which makes it very difficult for the blood to deliver oxygen to the tissues as they would be their normal function. Every single one of these is a degradation.

Every single one of these shows a trauma to the blood cells that came from something, and the only variable was the smart meter. The good news in all this is the patient and the blood can return to normal once they have been removed from the influences of these stressors.

[Josh Del Sol, Director]

So this thing about electrosensitive, 3% or 5% of people are affected and everyone else is OK, what do you have to say about that?

[Dr. Frank H Springob, DC, Chiropractic Physician and Author]

There are changes whether they feel them or not. Maybe they're not out there complaining about it or trying to make other people aware of what it's doing to them, yet they're still being affected by it.

[Josh Del Sol, Director]

While most of industry continues to use fine print and loopholes to evade accountability, there is a worldwide paradigm shift steadily underway. 60,000 doctors in the American Academy of Paediatrics are paying attention, and teachers' unions, this one of 45,000, are beginning to speak out against Wi-Fi in the classroom. Some regions are taking steps to cut the power of cell phone masts by 90%, and in many areas towers are starting to come down altogether.

But governments such as the US want smart grids and high-powered Wi-Fi mesh networks to blanket everywhere and everything. As industry cleverly camouflages itself, concealing the harm it is doing. Amazingly, our centres of medicine are seeking to bathe newborns in wireless.

And this has continued on because the official line is that microwave radiation is safe enough.

[Jerry L Phillips, PhD, Director, Science Learning Center, University of Colorado]

The radiofrequency radiation work that we did was supported by Motorola. The relationship was really very cordial and very stress-free, but only up until we started generating data. These folks were very, very upset and began to talk about how are they going to handle this, what sort of spin can we put on this, what can we expect from this, and from that point on the relationship changed.

What we saw was that Motorola began to exert more and more control over the work, telling us what to do, telling us how to write abstracts, what to say in the abstracts, what to say in the papers, how to do the work. No, don't do this. Yes, do it this way. This is unacceptable.

I had completed our study of DNA damage, and I submitted the final report to Motorola. The point is I kept getting nothing from these people. They simply weren't willing to accept my interpretation of my study, my evaluation of my study, my knowledge of science at that

point, and tried to urge me not to publish the study. They didn't tell me not to. They just said, no, this isn't ready for publication, and they wanted me to do more work.

I think one has to exercise caution at this point, and what makes the cellular telephone research area so difficult right now is there is no money available for research other than that that's coming from industry. So what does this do? I don't have any faith in what comes out.

I have absolutely none, not with my dealings with industry so far.

[Elisa Boxer-Cook, Scarborough, Maine]

When I filed my initial complaint, Central Maine Power responded with a 250-page basically rebuttal on why smart meters are so safe, and they hired Exponent, which is a science and consulting firm that has represented the tobacco industry. They've represented the asbestos industry. So this is a firm that industry hires to prove that dangerous products are safe.

[Camilla Rees, MBA, Advisor to National Institute for Science, Law and Public Policy]

In 1996, Congress passed the Telecommunications Act, which included a provision called Section 704 that took away state and local governments' rights to resist antennas on health or environmental grounds.

[B Blake Levitt, Award Winning Science Journalist]

The legislation was actually written by the industry. It was also the first time in history that industries of all stripes were invited into congressional chambers and asked essentially for their wish list. And the telecommunications industry, like other industries, just rushed right in and gave them their wish list.

[Camilla Rees, MBA, Advisor to National Institute for Science, Law and Public Policy]

It took away your state and local government's ability to protect you, to protect children, schools, every environment from this kind of radiation.

[David O Carpenter, PhD, University at Albany & Harvard Medical School, Author of 220 Publications]

I mean, this is ludicrous. This is unconstitutional. But this reflects the power that the communications industry has with our Congress.

[Josh Del Sol, Director]

And now there's a new bill called the Smart Grid Advancement Act of 2013. This bill would grant the federal government unprecedented powers to forcibly deploy this smart microwave and surveillance programme upon all states, regions, and everyone in the nation.

[Jeffrey Armstrong, Author and Speaker, Former Apple Executive]

What's going on here? This is a wireless device, which is unproven scientifically, which all the evidence so far proves is dangerous or questionable, which should therefore be studied intensely before it's released to the public. Clever people called the technology "smart" to make it seem intimidating so no one would question it.

Some smart ad man came up with that and got paid \$300,000 to call it a "smart" meter so you would feel less knowledgeable, which they know we feel. And then you wouldn't

question the smart people putting it in your house. So I call them not smart meters, dangerous meters.

[Josh Del Sol, Director]

I started wondering how are our future generations being affected by this unprecedented increase in electromagnetic radiation?

[Virginia Farver, Fort Collins, Colorado]

I had a son that was going to school at San Diego State University, and he called me and he said, Mom, I've got the worst headache. He says, I'm projectile vomiting all over my apartment. And I said, get to the hospital.

And the emergency room doctor at Sharps Memorial Hospital in San Diego called me, and he said, your son has bleeding in the brain. And I said, we'll be there immediately. And my son had surgery that evening.

When he got out, Dr. Tanawaya told us that my son had brain cancer, and it was either the very worst or the second worst type of brain cancer you could have. It was nothing but chaos for 7 months. We moved him back home and had to pack everything that he owned in California and brought him home, and he only survived just shy of 7 months. And he died October 11th of 2008.

August 7th of 2009, I typed in cancer clusters, and I saw SDSU, San Diego State University Brain Cancer Cluster. And I read this article over and over, and I just, I think I just, it put me in shock, and I ended up on the floor for the rest of the day.

But, um, um, sorry. I realised they were talking about my son. So I immediately started contacting SDSU administration, and I felt myself just being bounced around. Nobody wanted to deal with me. So I got in my car, and I drove out to San Diego for the whole month of October of 2009, and I went over onto the campus. In these articles, they talked about a cell tower, and I went over there, and there's this huge cell tower that's outside of this building, which towers above Nassau-Tierre Hall and Room 131 where all these kids, um, and people have come down with, um, brain cancer.

My son, Rich Farver, died October 11th of 2008, and he was in Nassau-Tierre Hall, Room 131. Professor Charles Cutter died June 19th, 2008, Nassau-Tierre Hall, Room 131. Lou Terrell diagnosed with primary lymphoma brain cancer in 2008. He was in the room right next to Room 131. Dwight Anderson died in 2008, Nassau-Tierre Hall. Miss Laurel Amtower died August 29th of 2010. Richard Funston died, and he was also, um, located in Nassau-Tierre Hall, Room 131.

I just think that this wireless stuff, we just need to get a handle on it and warn the public. But I just want parents to know, and I want kids to know that these are very dangerous, and these are on many, many college campuses.

A reporter from the San Diego Tribune that I'd contacted actually called me at home, and he said, this story will never get out in San Diego. And I said, why? And he said, because of money.

[Josh Del Sol, Director]

After having interviewed more than 70 people from four countries, witnessing the profound emotion from those whose lives have been ruined, I felt myself wondering if I could ever really make a difference against corporations that are so powerful and so willing to put money before life itself.

[Female Speaker]

So here's UPA installers crossing over locked fences and against consent.

[Male Speaker]

On January 23rd, with premeditated malice and forethought, our city manager, in collusion with our city's administrative police chief, ordered an all-out assault on many of the citizens' personal property by cutting locks, illegally trespassing, threatening taxpaying citizens, mostly women and elderly, and actually arrested two of our stay-at-home moms on trumped-up charges for refusing installation of smart metres.

[Female Speaker]

Get off my property right now. No! No!

[Male Speaker]

When the full force of the city's police department is turned on its own people, it's time for a radical and immediate change.

[Dana Kozlov, CBS 2 News]

Now, I just spoke with Naperville's city manager a few minutes ago who says the city is within its legal rights to enter private property and instal those smart metres, the metres they say are their property. He also says that the metres are safe. He also says the women deserve to be arrested if they violated the law. But exactly what those misdemeanour charges are, we still don't exactly know.

[Jerry Schilling, Naperville, Illinois]

I'm one of the homeowners who had his property rights violated, even though by certified mail I notified the city manager I would not participate in this federally sponsored voluntary programme and would not accept the extortionary alternatives provided. As a result, I'm asking for city council to fire the city manager, the acting police chief, the police officers who participated in this travesty, and any city employee who advised them that they had the right to do so. As far as I know, we still live in the United States of America and not communist China. Thank you.

[Male Speaker, E Public Forum]

There will be a five-minute recess until you settle down and obey the rules, or we won't continue. We have a five-minute recess.

[Josh Del Sol, Director]

This is thankfully a contrast to the behaviour of most city councils who are made aware of the facts. One of the first U.S. states where these devices were deployed was California, where dozens of local governments have issued moratoriums against the rollout.

[Charles McGlashan]

I vigorously support this action today. I'll be voting in the affirmative both on the moratorium and on Supervisor Kinsey's proposal to send letters to the governor.

[Judy Arnold]

This action that we're taking today and one that I support is a political action, and don't be deceived that political actions don't work. Think about the American Revolution.

[Male Speaker]

Ms. Wolfe?

[Ms. Wolfe]

Aye.

[Male Speaker]

Ms. Farr?

[Ms. Farr]

Aye.

[Male Speaker]

Mr. Lavagnino?

[Mr Lavagnino]

Aye.

[Male Speaker]

Mr. Carbajal?

[Mr Carbajal]

Aye.

[Male Speaker]

Ms. Grey?

[Ms Grey]

Aye.

[Greg Caput]

We represent people, and they can get pushed so far, and then they say that we've had enough. And I think that that's what's going to happen.

[Josh Del Sol, Director]

Many have now criminalised installation and are fining the utility for every device they attempt to instal. As a result of a grassroots movement to spread awareness, the vast majority of U.S. states and Canadian provinces have active groups who are fighting back. And worldwide, the trend continues.

Many are asserting their rights for the first time in their lives. But utilities still are not yielding, and in many areas they're attempting to impose fees for those who do not want their so-called upgrades.

[Jerry Day, Emmy Award Winning Producer, www.FreedomTaker.com]

An opt-out is an agreement to pay to not be harmed. An opt-out is volunteering into extortion. An opt-out says that if I don't pay you, you have the right to harm me. So that doesn't work.

SMART EXTORTION

[Len Miller, Police Officer, VPD (retired)]

They are embarking on a monstrous act of deception. They are saying one thing, but you're getting something else. And I see that as a form of extortion.

You either take our energy the way we want to give it to you, or we're going to cut it off. That's extortion. That's a criminal offence.

As a fraud cop, I'm just wondering when the world's going to wake up. You put a story out there, it's wrong, but what the heck? We're going to go with it. We're going to look you straight in the eye and we're going to lie to you. What are you going to do about it?

[Josh Del Sol, Director]

What would you recommend from your experience that people may not understand or that you've gone through what they should do or what they should know?

[Louis Donovan, Has pacemaker & defibrillator, Carson, California]

They should know that they can change that meter and they should do that. That is the most important part of it, is to change that meter over.

[Chris Anderson, Environmental Consultant]

The utilities have something called, a legal mechanism called implied consent, whereby our silence is golden to them. We've given them consent by being quiet. We can't afford to be quiet on this. We have to take action. This is a game changer.

[Mike Mitcham, IT Systems Consultant, Co founder, www.StopSmartMeters.org.uk]

These companies are betting on you saying nothing. They're betting on you quietly complying with their wishes to instal these smart meters on your property. You have the right to refuse a smart meter on whatever grounds you deem appropriate.

[Russell Irwin, World War II Veteran]

They put the smart metre in without informing us or asking if we wanted it. So we just told them to get the smart meter out and put the old meter back or we wouldn't pay.

[Dwayne Huxted, Licenced Paralegal, Orangeville, Ontario, Canada]

What's important for people to realise here is that you're in a contract with a utility company. As soon as they change the terms of that contract, they have to get consent. That's so important.

You have to agree to those new terms or the contract is void. We wrote them a letter immediately, formal letter, stating that we do not consent to the meter installation. We do not consent to the new terms.

In our view, that voids the contract. They did threaten to terminate the power. They did threaten to disconnect.

They've sent two notices in the last year and a couple of months that they would terminate or disconnect the power if somebody in this house would not pay the bill. And we sent them a letter back that we're not paying the bill and they haven't disconnected the power. There is no law on the books that say you have to take a smart meter. None.

[Josh Del Sol, Director]

What about if thousands and tens of thousands and millions of people all did this?

[Jerry Day, Emmy Award-Winning Producer, www.FreedomTaker.com]

Oh, it would collapse in a day. You can't have radiation-emitting surveillance devices on everyone's home if people want to assert their rights. So we're in a very strange time in history where your power company that's supposed to be this innocent provider of electrical service has become your assailant and you are required, in order to protect yourself, you're required to fight back. You're required to stand up and say, No, this is wrong and I'm not going to permit it.

[Jeffrey Armstrong, Author and Speaker, Former Apple Executive]

It's that a device that is broadcasting and receiving wireless signals permanently has been surreptitiously placed in your home unnecessarily and without your permission and without proving itself scientifically. This is a test case for technological democracy, if I've ever seen one.

[Josh Del Sol, Director]

Dear Big Brother.

[Female Speaker]

I wish I could say you're acting like a brother, but unfortunately an Orwellian big brother is what you have become. The problem is you've presumed you have the right to make decisions that are harming the quality of all of our lives, our health, and children, simply because you've been in charge of the distribution of a necessary resource in our lives.

[Josh Del Sol, Director]

It does not matter why you have done this. There is no right way to force unproven and dangerous technology upon the world. And history has shown that being sorry after the fact for harming people through unproven medicines, technologies, is of no help.

You do not have enough money to repay the harm that you are doing to all life.

From the acknowledged dangers of genetically modified foods to preventing new ways for people to generate energy to invasive, untested devices for monitoring and control, you have created problems and forced false solutions in the name of saving the planet, fighting terrorism, or increasing corporate efficiency.

[Female Speaker]

You have even blatantly placed career lobbyists as your corporate yes-men as heads of the very agencies that are supposed to protect the people. Now you are deploying wireless

digital surveillance and broadcast devices upon everyone without disclosure. This is a preemptory attack against the principles of a free society and a taking away of our rights to make decisions.

It is not your place to make these choices for us.

[Josh Del Sol, Director]

By behaving this way, you have gone from an asset to society to a tyrant acting behind the cover of corporate freedom. You have gone from the brotherhood of man to the Orwellian big brother who treads upon our trust and goodwill for profit and control only.

[Male Speaker]

This is no longer acceptable. You and your agents will be held financially and criminally liable for your actions as corporations and as individuals. The excuse of just following orders will be of no avail to those going along with this.

[Female Speaker]

We're now at a turning point when great numbers of people, even those on your payroll, those most subject to your campaigns of half-truths and skewed science, are beginning to see higher, are being inspired to speak out and bring down your dreams of dictatorship and are courageously creating solutions. This is just the beginning.

[Jack Moore, Business Executive, Naperville, IL]

As we begin to peel back the layers, we begin to realise that the smart meter issue is really more a symptom rather than a disease. And now we get it. And now we see behind the curtain.

[Ian R Crane, Geopolitical Researcher, Former Oilfield Executive]

Millions of people are starting to wake up to what's occurring. The game is on. The ball is very much in our court. We have a tremendous opportunity, but we have to engage in that game.

[Josh Del Sol, Director]

While making this film, there was a part of me that just wanted to look the other way and put the lid back on the box I'd opened. But once I saw the magnitude of this issue, I thought of all the people in my life that I care about, and I knew that I had to share it as widely as I could.

Whatever your political party or belief system, we're all in this together. And whether you came into this because of the risk to rights, or privacy, or health, or security, or cost, or something else, it doesn't matter. What matters at this point is that we set our differences aside and we stop the deployment of this technology where we live. The only people I've come across who want this programme are either misinformed or benefiting from the deployment.

Instead of so-called smart meters and a smart grid, we need wise people who see what's going on and who realise that we all have the power to change our situation, Change happens when you make a decision and say, I will not have one of these devices on my home. There is no legal requirement for you to have one of these meters, even though

utilities are trying to intimidate people into accepting it, as if it was the law. To assert your choice and protect your foundational rights and health, you need to notify your utility, otherwise the choice will be made for you.

Share this film online with everyone you know. You can also host a screening in your community, or for your city council. It starts with us, but we are not alone.

All around the world, this is a time of social awakening. A wave is sweeping the planet inspiring millions of people to stand up to corrupt corporate governments. The veil of illusion is lifting, and we are all finding our voice.

Because this agenda is being implemented as we speak, we all have to act now. Not only can we make a difference, but we must. Together, we will build a safer and more abundant world.

For us, our children, and all future generations.

[Female End Song]

You're scared to be yourself sometimes
This world can be so blind
But if you take the chance to trust
Start to open up
You just might find I
I see the light in you
Shining with everything you do
Don't try to hide it no more
Can you hear it knocking at your door?
Show me what you really want
Tell me what you really need
Reveal all your fear You will be received
You don't have to hide away
All the things you really want to say
There are others who have felt this way
You're not alone, feel your pain
I see the light in you
Shining with everything you do
Don't try to hide it no more
Can you hear it knocking at your door?
Sometimes it's dark and cold
Sometimes you're feeling all alone
Sometimes you don't know where to go
Everybody needs to belong
If you are loved and I see the light in you
Shining with everything you do
Don't try to hide it no more
Can you hear it knocking at your door?
Oh, the light in you
Shining through I see the light in you

Shining with everything you do
Don't try to hide it no more
Can you hear it knocking at your door?