

# the bullfrog

# buzz



The big voice on green power that's making a difference in the world we share.

## Bullfrog caps third year with OEA leadership award

**A message from Bullfrog Power President Tom Heintzman**



On September 11, 2008, the Ontario Energy Association (OEA) held its annual conference and Achievement Awards ceremony in Niagara Falls, Ontario. On behalf of Bullfrog Power's customers, I was honoured to accept the "OEA Leader of the Year" award. This recognition is a reflection of the leadership of Bullfrog's residential and commercial customers who, by choosing to become bullfrogpowered, are collectively creating a market that recognizes the value of green electricity to society.

When Bullfrog Power launched in Ontario three years ago, our goal was to give Ontarians an option that they'd never had before — a new, easy and unique way to support renewable electricity. We wanted to change the way people think about power and provide a way to help them reduce their personal emissions footprint. Since our 2005 launch in Ontario, and our 2007 launch in Alberta, we have been overwhelmed by your response. In total, more than 7,000 homes and over 700 organizations have joined the bullfrogpowered community. I'd like to take this opportunity to briefly reflect on how your support continues to promote renewable energy in Canada.

First, Bullfrog Power uses your money to pay our generators a premium over the cost of conventional electricity for their green power. This premium recognizes the true cost of generating renewable electricity and the additional value of renewable electricity to society. The premium makes new renewable energy projects more economic and allows our generators to invest in new development. It also creates a market for green electricity. As more and more consumers change their buying behaviour to support renewable electricity, renewable power generators will respond to meet that demand.

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## An interview with Measha Brueggergosman

**Soprano, environmentalist and bullfrog founders club member**

*Credited with bringing a modern and youthful approach to classical vocal music, Toronto's Measha Brueggergosman is becoming a household name, though it is a mouthful (it's an invented combo of her maiden name Gosman and her husband/personal manager's surname, Markus Bruegger). As a Canadian Goodwill Ambassador for the African Medical and Research Foundation, World Wildlife Fund and Learning Through the Arts, Brueggergosman is also making a name for herself as an activist.*

### When did you first develop a passion for singing?

I grew up in Fredericton, New Brunswick, where my father worked at the CBC.

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## Imber Akse House

Leslie Akse and Barry Imber of Burlington, Ontario, are building their dream home. Imber Akse House, a LEED® pilot project, will sit on a large, well-treed quarter-acre suburban lot. The home, reflecting the couple's holistic philosophies on the environment, sustainability and green living, employs a wide range of green features:

- low VOC sealers, paints, insulation and finishes and mold-resistant materials such as blown insulation, concrete and stone, promote a healthier home
- a green roof section will reduce water run-off and consume carbons while also providing habitat for insects and animals
- a cistern collects roofwater run-off to feed irrigation, reducing load on city services while reducing storm-water run-off into the city storm-water system
- generous roof overhangs reduce light and heat gain, reducing energy load

- passive solar design features such as concrete and stone take advantage of solar heat gain in winter months
- a geothermal heat source and pump feed a radiant in-floor hydronic system. This provides energy efficient heating and is healthier than forced air.
- the home lighting system will include compact fluorescent bulbs and LEDs and will make use of dimmers, timers and sensors in high-use areas

According to Leslie and Barry, "Our philosophy on applying sustainability is to design a living environment that is not only relevant to the user today but also in the future. All materials should be of low energy manufacturing and be as recyclable as possible for future generations to be able to reuse efficiently. Similarly, the home must be efficient and produce as little waste as possible through its life cycle. This is achieved by designing features that are inherently energy efficient or load reducing as well as long living to reduce the need for reconstruction or renovation."

[www.imberaksehouse.ca](http://www.imberaksehouse.ca)

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Bullfrog Power also uses your support to enter into long-term contracts for the purchase of electricity from new renewable generation facilities. The long-term revenue stream gives banks the comfort they need to provide financing to our generators for new generation facilities.

Since its launch, Bullfrog Power has signed power purchase agreements with four new wind generation facilities, three in Ontario and one in Alberta. All of these projects are above and beyond what is being built as a result of provincial government procurement. Bullfrog Power also frequently invests equity in renewable energy development and has invested in three of these projects. Bullfrog Power is the only electricity retailer in the province entering into such contracts; the only other entity in Ontario entering into these contracts is the Ontario Power Authority (OPA).

Your public support of Bullfrog Power, through conversations with friends and neighbours, lawn signs and window clings, is also an important way to promote renewable power within your communities. This visible and verbal support gives us the credibility to urge provincial governments to adopt policies that will facilitate the development of renewable energy and helps to give renewable power a legitimate place in the electricity mix.

The amount of renewable energy in Canada can and must increase dramatically. With your support, Bullfrog Power will continue to ensure that more new generation is built and that the Canadian electricity grids become increasingly clean.



Tom Heintzman  
President, Bullfrog Power







## Green power support is on the rise among municipalities

In 2006, when Bullfrog Power and the Town of Caledon celebrated Caledon's status as the first municipality on the bullfrogpowered Green Index, Caledon Mayor Marolyn Morrison said, "We hope other municipalities across Ontario will join in the movement to clean up our air by making the choice for 100 per cent green power." Two years later, seven municipalities are on the bullfrogpowered Green Index, and Bullfrog is proud to say that The City of Mississauga, the Regional Municipality of York, The City of Guelph, the Town of Aurora, the City of Cambridge and the Township of Rideau Lakes have joined the Town of Caledon in supporting EcoLogo<sup>M</sup>-certified, renewable power.



Recently, the Association of Municipalities of Ontario (AMO) announced, through its subsidiary Local Authority Services (LAS), that bullfrogpowered municipalities met the AMO 5,000-Tonne Challenge. Ontario municipalities were challenged to meet a collective system reduction target of at least 5,000 tonnes of CO<sub>2</sub> during 2007. The challenge was embraced by municipalities both large and small, and by sourcing green power from Bullfrog, municipalities including Mississauga, York, Aurora, Caledon and Rideau Lakes combined to surpass the target.



In August 2008, Bullfrog, AMO and LAS announced the new 15,000 MWh Challenge. Members of the AMO/LAS Natural Gas and Electricity Purchase programs who bullfrogpower any of their facilities will become part of a collective goal to purchase 15,000 MWh of green electricity. If the target is met by the 2009 AMO Conference, all bullfrogpowered municipalities that have signed on as part of the challenge will receive a 5 per cent discount on their purchase.

Sourcing clean, renewable power is one way organizations commit to sustainable operations. For many municipalities, switching to Bullfrog is one part of a larger environmental program. The City of Mississauga has installed infrared heaters and waste heat recovery systems in city-owned buildings, as well as rink and garage lighting dimmers and LED traffic lights. The City of Guelph aims to become a leader in conservation and resource protection and plans to use less energy and water per capita compared to similar sized cities. Guelph residents who conserve water are also helping the city to use less electricity. And the City of Cambridge was able to count its green power purchase toward LEED<sup>®</sup> Gold certification for its newly unveiled City Hall.



## TD's Green Machines just got greener

Greening the power of its Green Machines is one of the steps TD is taking to ensure its Canadian operations are carbon neutral in 2010.

TD Canada Trust recently announced that it has purchased clean, renewable power for its network of nearly 2,600 ATMs across Canada. TD is working with Bullfrog Power and The Pembina Institute to source emissions-free power from wind and low-impact hydro generators.

"Reducing our own greenhouse gas emissions is a key element of our ongoing commitment to tackle climate change and reduce our environmental impact," said Mike Pedersen, Group Head Corporate Operations, TD Bank Financial Group. "By choosing clean, renewable power for our Green Machines, we will reduce our carbon footprint, help clean our air quality and support the development of renewable energy."

In addition to sourcing green power, TD participates in various environmental initiatives. The TD Friends of the Environment Foundation was founded in 1990. Since then, TD customers and employees have contributed more than \$45 million in support of 17,000 grassroots environmental and wildlife projects in communities across Canada. In addition, TD supports the annual TD Great Canadian Shoreline Cleanup. In 2007, more than 50,000 people volunteered for the cleanup and scrubbed nearly 1,800 km of shoreline coast to coast.

[www.tdcanadatrust.com/greenpower/index.jsp](http://www.tdcanadatrust.com/greenpower/index.jsp)





## An interview with **Sir Richard Branson** CEO of the Virgin Group and avid environmentalist

*An innovator and strong supporter of environmental change, Richard Branson shared his thoughts on how he is reducing his own environmental impact and inspiring others to do the same. Virgin Mobile Canada's headquarters in Toronto is bullfrogpowered.*

### **What triggered your environmental conscience, and what was the first action you remember taking on behalf of the earth?**

Just like many people around the world, my friend Al Gore inspired me to help tackle climate change. I teamed up with him to launch the Virgin Earth Challenge, a \$25 million dollar prize to any person who can come up with the best way to remove significant amounts of carbon dioxide from our atmosphere. Plus I've pledged that all our profits (\$3 billion) from our transportation businesses will go towards developing clean energy.

### **What actions are you taking on the home front to reduce your environmental impact? Does the whole family participate?**

Absolutely. My wife, Joan, and my children Holly and Sam all do an amazing job at keeping our home green. That's one of the main goals of all our environmental programs, to inspire and encourage your friends and family to become environmentally friendly as well. In fact, Sam recently joined Arctic explorer Will Steger's Global Warming 101 expedition to bring attention to the effects of global warming. He'll also be taking part in Lewis Pugh's quest to become the first person to kayak the North Pole. Although, they are hoping their expedition will fail. If it succeeds, it will prove scientists right and that for the first time this year climate change has caused portions of the North Pole to be ice free.

On Necker Island [Branson's private resort island] we've installed wind, solar, and wave generated power and biodegradable products for all of our guests. Our big goal now is to reach a 100 per cent reduction in our carbon output on the island. We're also transforming nearby Moskito Island into the most environmentally friendly resort in the world. Right now it's just some scrub and a few old buildings,

but soon it will be powered entirely by wind turbines and solar panels, beach buggies powered by biofuels, and the guests' food would be grown in a local organic orchard.

### **How would you define your role as a steward of the environment? What can one person do?**

If there's one thing I've always believed in, it's the power of a single person to make a tremendous difference. There's a frightening potential scenario out there that means that anybody who's in a position to do something must do something. There is no longer time to wait and we all must take personal responsibility to create change. As I'm in the airlines and trains business, I feel I've got all the more responsibility to work to fight climate change and preserve the environment.

### **Why did Virgin Mobile switch its Canadian headquarters to green electricity from Bullfrog Power?**

I've encouraged all Virgin businesses to ensure the energy they use is carbon free and comes from green power. Bullfrog's green power is a practical and meaningful way to reduce our environmental impact and helps encourage others to move away from the more traditional energy sources.

### **Innovation is at the core of your brand strategy. What are some examples of Virgin's innovations on the environmental front?**

In Canada, Virgin Mobile is doing a great job of raising the awareness of climate change and encouraging customers, staff and the general public to do their bit. Last year we helped launch FLICK OFF — a cross-country initiative designed to educate Canadians about the devastating effects of global warming and

motivate people to do something about it. A year on and thousands of Canadians have signed up and altered their lifestyles for the sake of the environment.

This year in Toronto we also teamed up with WWF-Canada for Earth Hour to encourage Torontonians to switch off their lights for one hour on March 29. It was a great success with large areas of downtown Toronto, including major buildings and corporations, in darkness. Across the GTA, according to calculations by the various hydro utilities, Earth Hour saved about 434 megawatts. The build up to the hour also triggered other cities in Canada to take part, resulting in even more savings.

### **What was the genesis of Virgin's "Do One Thing" initiative?**

It's simple really. I want to ensure that when we do something at Virgin we consider the environment. To do this I've asked all Virgin companies to assess their environmental impact against three pillars (the business itself, its customers and its staff) and see how on each of these pillars each Virgin business can make a positive impact.

To help, I've launched "Do One Thing" which supports the third pillar — staff. I wanted everyone within Virgin to feel inspired to do at least one action that will improve the social and environmental lives of others. That's over 40,000 positive impacts on people and the planet if all Virgin staff sign up. Staff can do anything from giving cash, giving time, giving voice or giving stuff to charity.

### **You've made some big commitments to supporting the development of renewable energy — to the tune of \$3 billion over the next 10 years. How are those commitments translating into action today?**



Virgin Atlantic just announced that they've joined the newly formed Algal Biomass Organization (ABO), along with other leading airlines and biofuel technology developer UOP LLC. Together with Boeing, which co-chairs the ABO, we're on the hunt for new generations of fuel sources for the industry that have lower life cycle carbon emissions; in this case sustainable algae-based biofuels. Algae really could be an amazing solution to help airlines produce lower carbon emissions. Crucially, it is a source of fuel which doesn't lead to deforestation or the taking away of land or water from the cultivation of essential food crops.

On the trains front, Virgin Trains in the UK has run one of its Voyager Trains on a 20 per cent biodiesel blend. We're now using this research to learn how we can convert our Voyager fleet to run on B20 biodiesel which could cut our CO<sub>2</sub> emissions by up to 14 per cent. This means 34,500 tonnes less CO<sub>2</sub> being emitted into the atmosphere each year, and is equivalent to taking 23,000 cars off the road.

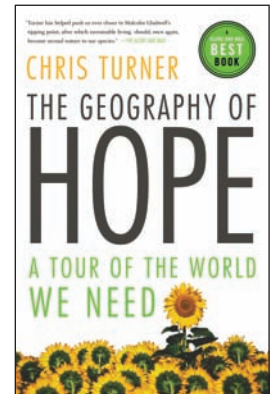
**Virgin Unite, the charitable arm of Virgin, believes that the same visionary thinking and problem solving skills that make entrepreneurs successful can be channeled into solving the world's social and environmental crises. To what extent can entrepreneurship be the key to solving problems as massive as climate change?**

Entrepreneurship is a key driver to making a positive impact on climate change. But the solution isn't just with entrepreneurs. It's with everyone. Most importantly we need the major governments of the world and the world's largest corporations to step up and help make a difference. Without their action, climate change will continue to happen at an alarming rate.

## Chris Turner: Summoning a period of rational exuberance

In *The Geography of Hope: A Tour of the World We Need*, Chris Turner takes readers on a journey through what he calls an archipelago of sustainable energy initiatives. Turner demonstrates that the kind of rapid change we need may be possible if we can summon a sustained global period of "rational exuberance."

According to Turner, "There are many elements to a comprehensive geography of hope — homes and businesses, economic and social systems, philosophical constructs and political arguments — but the most critical questions come down to energy. The CO<sub>2</sub> emissions that threaten to make the earth inhospitable to abundant human life come from many sources, but the bulk of it, more than 75 per cent in the industrialized West, is the result of burning coal, oil and natural gas to fuel our insatiable thirst for energy. If there's a thread that tethers together the sporadic pockets of sustainability that make up the world we need, it is how the people living in these places think about, obtain and use their power."



## Adobe Systems Incorporated becomes Bullfrog's largest tech sector purchaser

In June 2008, Adobe Systems Incorporated became the largest tech sector purchaser of green power on the bullfrogpowered Green Index, agreeing to purchase clean, renewable electricity for its Ottawa office.

"We are continually striving and looking for innovative ways to reduce our environmental impact," said Randy Knox III, senior director of Global Facilities and Real Estate at Adobe. "Investing in green power is one of many ways Adobe is helping to reduce emissions and ultimately our carbon footprint."

Adobe is currently the only organization in the world to have four LEED-EB Platinum certified buildings — its three headquarters towers in San Jose, California, and its San Francisco office. Adobe's San Francisco office, built in 1904/05, is the oldest building in the world to achieve LEED-EB certification at the Platinum level. LEED is North America's most reputable green building rating protocol. LEED credits are awarded for meeting requirements in several key categories, including sustainable sites, water efficiency, energy and atmosphere, materials and resources, indoor environmental quality and innovation and design.

[www.adobe.ca](http://www.adobe.ca)





## in your own words...

In my experience, most people want to see the world a better place. I've sung about that for most of my career as a musician, songwriter and performer.

Certainly, making change has to start with ourselves. That is why I became a vegetarian and started a yoga and meditation practice. My wife has taught me the joys of gardening and growing our own food and flowers. When my car died this spring, I decided to join AutoShare rather than buy another vehicle. We all make these decisions in our own time and within our own comfort level. Making conscious choices to support local and organic food for me includes having the occasional banana and recognizing it as the treat it is. Similarly, I may use more electricity when recording music but feel a lot better knowing I am supporting sustainable sources. Bullfrog power is such a relatively easy way to put into action the intention to make a difference.



**Ken Whiteley,**  
musician and Bullfrog Founders Club member

[www.kenwhiteley.com](http://www.kenwhiteley.com)

## TAS DesignBuild helps kickstart Bullfrog's condo offering

### Commits to bullfrogpowering M5V and Giraffe units on behalf of future owners



When Bullfrog announced its condo offering in April 2008, TAS DesignBuild, a leading innovator in the condominium industry, was one of the first organizations to sign on. TAS DesignBuild has agreed to bullfrogpower all condo units in its M5V and Giraffe developments on behalf of unit owners for their first year. In addition, TAS DesignBuild has bullfrogpowered the M5V sales centre and has committed to bullfrogpowering its head office.

"We hope that our peers will follow our lead and show their support for greening our industry," said Mazyar Mortazavi, Principal, TAS DesignBuild. "We're proud to be the first developer in Canada to bullfrogpower residential units on behalf of condominium owners."

TAS DesignBuild has infused the green living concept into the design and building process of the M5V condos. The M5V building is pursuing LEED certification and is on track to receive the designation, thanks to carefully chosen building materials and strategic structure design. Low VOC emission paints will be used, Energy Star appliances will be standard in each condo unit and the building will have a comprehensive recycling program.

Bullfrog Power's new condo program makes it possible for every home in Ontario and Alberta to be bullfrogpowered — regardless of whether customers receive an electricity bill. Customers who are not billed directly by their local utility (such as many condo dwellers who are billed through a third party), or who never receive an electricity bill at all (such as many apartment tenants) can still make the choice to support 100 per cent green power. The new offering is also ideal for customers who are locked into long-term contracts with other electricity retailers or for customers residing in utility areas previously unserved by Bullfrog Power.

[www.tasdesignbuild.ca](http://www.tasdesignbuild.ca)





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## Measha's environmental actions hit all the right notes

I was exposed to lots of different types of classical music in home and at church. My sister started piano lessons and I wanted piano lessons too but my music teacher at school suggested vocal lessons for me, and so I started learning to sing. It's all because of my elementary school music teacher! That is why I now work with Learning Through the Arts, a charity run by the Royal Conservatory of Music that brings arts and music back into the classroom. It is so important.

### How was your role with Opera Atelier in Mozart's *Idomeneo* different from past performances?

For one thing, it was in Toronto, so I could sleep in my own bed. From a performance perspective, I have always considered myself and promoted myself as more of a recitalist, which allows me to get in and out of a city or concert on my own in a day or two. With Opera Atelier it was six performances and I was part of a collaboration. I sang in trios and quartets, which I seldom have the opportunity to do, and it was wonderful.

### How did you first get involved with environmentalism?

I first got involved with the World Wildlife Fund because I like the work they do. I wanted to understand environmental issues more deeply, as a representative of the WWF, as a person and even as someone in the media. One of the first things they suggested I do is conduct an environmental audit of my house.

### What role do artists and performers have to play in helping the cause?

Performers stand up and speak out for a number of causes, but the environment affects everyone, regardless of politics. I wouldn't go so far to say that celebrities have a responsibility to use their profile, but I think they have an opportunity.

### What changes did you make to your home?

We renovated to take out a lot of interior walls, which is more aesthetically pleasing, but also more energy efficient. We replaced the old windows, recaulked any gaps where we were losing heat, installed a high-efficiency furnace, installed low-flow toilets, bought Energy Star appliances, installed a skylight and switched light bulbs. Air quality is important to my voice and career — I don't use an air conditioner, partly for that reason. We also recycled a huge tree that fell over in our front yard into stools for our back yard and a table base for our dining room! These are all small things but I believe they can add up to big savings for the environment, and eventually, our wallet.

### Why did you switch your home to Bullfrog Power?

The changes to the house were all great, but then WWF told us about Bullfrog Power. Even though we have a gas furnace that powers radiator heaters, we are getting our

electric power from Bullfrog's mix of environmentally friendly sources.

### What about food? You recently lost more than 100 pounds. Have your eating habits been affected by your interest in the environment?

Absolutely. Jamie Kennedy, a Toronto chef, taught me a lot about buying locally and seasonally. We're hard wired to crave root vegetables in the winter and fall, yet with all that is available now we are suddenly eating tropical fruits all year long. But the cost of transporting food from halfway around the world is devastating to the environment and our farmers. So I'm using the farmer's markets more often and trying to be aware of the distance my food has travelled.

### Do all of the little things we do really make a difference?

I choose to be proud of the little things that I have done instead of stressed out about what I can't do. We should have been more worried about climate change 20 years ago, but I don't think it's too late. It's not hopeless. Look at recycling — 20 years ago we started that and it has made a difference. So I believe these small steps are important.

*Photos of Measha courtesy Deutsche Grammophon.*



# Where the grid meets the road

Emerging technologies are putting electricity consumers in the driver's seat. As the hybrid vehicle market grows and gas prices continue to rise, interest in electric-powered vehicles has never been greater.

As part of its mandate to fund projects that combat climate change and improve air quality, the Toronto Atmospheric Fund (TAF) is operating the Toronto Plug-in Hybrid Vehicle Pilot Project, which tests plug-in hybrid electric vehicles (PHEVs) under daily driving conditions in Toronto.

Using plug-in battery technology developed by Ontario-based Hymotion, the project is testing 10 retrofitted hybrid vehicles. Bullfrog Power is proud to be among the participating organizations, along with AutoShare, the City of Toronto, the Ontario Ministry of Transportation, the Ontario Ministry of the Environment, and others.

"I think we're going to see more of this technology on the road soon," says Greg Kiessling, Bullfrog Power's Executive Chairman. "The pilot project is showing just how viable this option is for everyday drivers, and we're thrilled that Bullfrog Power is a part of the project."

According to Ben Marans, project manager at TAF, local passenger vehicles account for a quarter of Toronto's CO<sub>2</sub> emissions. "These vehicles have enormous power to reduce the environmental impact of passenger transportation," says Marans.

Throughout its first six months of participation in the pilot program, bullfrogpowered and Toronto-based car sharing network AutoShare had over 100 people drive the car on almost 300 outings. "People seem to really enjoy using the car," says AutoShare President Kevin McLaughlin, "they're very interested in seeing just how far it will go."

In most driving scenarios, PHEVs use considerably less gasoline than conventional cars. When booting around the city, they can use no gas at all.

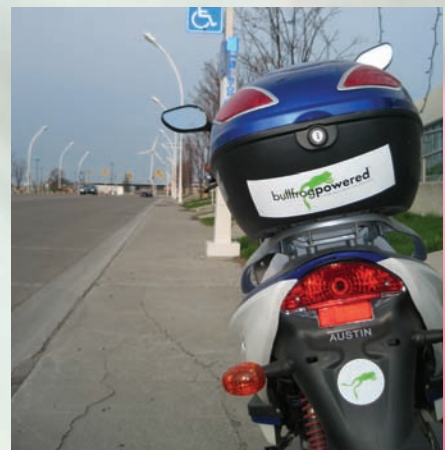
Like a regular Prius, the car has an onboard display that shows when the car is in all-electric mode or relying more on the engine. *Toronto Star* cleantech columnist Tyler Hamilton test drove a PHEV for six days and was often able to get fuel economy of better than two litres per 100 kilometres.

Over six days, Hamilton used 22.5 kilowatt-hours of electricity to keep the battery charged. As a bullfrogpowered residential customer, plugging in the car at home cost Hamilton \$3.83 including all delivery charges and taxes. "With Bullfrog, when the car was in electric mode, it was truly emissions free."

In his book, *The Zero-Carbon Car*, William Kemp actually estimated the cost of bullfrogpowering a Toyota Prius PHEV over the lifetime of the vehicle and suggested that a future sales model for mass-produced PHEVs could include a surcharge to green the electricity for the vehicle in advance and thereby reduce its emissions footprint to zero. According to Kemp's calculations, at current Bullfrog rates, the cost of the premium to green the power for a vehicle with a life expectancy of 250,000 kilometers would be under \$600.



Greg Kiessling (left) with TAF project coordinator, Alan Cooper.



Cars aren't the only vehicles running on electricity today. Andrew Souvaliotis, President and CEO of Green Rewards, rides around Toronto on an electric scooter (above) and recharges the battery at his bullfrogpowered home. "The scooter is perfect for short commutes, and I breathe easier knowing that this convenience isn't costing me anything in emissions," says Souvaliotis, a bullfrogpowered residential customer since 2006.

One charge powers the scooter for 50 to 60 kilometers, which Souvaliotis says lasts him about one week. Even more impressive, Souvaliotis' bullfrogpowered scooter costs him about 13 cents per charge. The environmentally friendly attributes of the scooter please him most, but Souvaliotis admits the cost savings are a benefit — and other city commuters are catching on. "Until recently, people weren't used to seeing this kind of scooter on the road. But now you see more and more of them around. People are looking for cheaper, alternative ways to get around the city."



# Walking the talk: John Wilson's green home

In the quest for energy efficient design and practice, Bullfrog Power's own VP of Operations John Wilson and his family just don't quit. The Wilson family home, designed by architect Martin Liefhebber and built in 2001 near Orangeville, Ontario, is a model of energy efficiency and eco-friendly design. The house incorporates innovative features that capitalize on the natural

heating, cooling and electricity generation sources found in the Wilson backyard. And just recently, building on the house's existing efficiency systems, Wilson installed a second solar photovoltaic (PV) array. He also plans to install a solar thermal system. The Wilson's house faces due south, taking two-storied advantage of passive solar energy. Concrete floors collect and store heat from the sun on cold days while a tower-shaped central roof inspired by the architecture of the Sahara desert cools the home on hotter days. An efficient wood stove, thick, insulating straw bale walls, and a green roof complete the home's all-natural climate control system.

With all of this attention to design, the family doesn't need a conventional furnace or air conditioner. "And yes, despite that we are very comfortable all year," says Wilson. "With the open

concept and the light we get from all the windows, our home has a warm and welcoming feel, year-round," adds John's wife, Leigh Geraghty.

The home's small wind turbine and two solar arrays generate enough wind and solar power on-site to run the house's hyper-efficient refrigerator, television, computer and lighting (which comprises compact fluorescent, low voltage and LED). And, of course, the home is also bullfrogpowered, ensuring that the remaining 75 to 80 per cent of the home's electricity is matched with clean, emissions-free power injected onto the grid by Bullfrog's generators.

"A custom-built house with this many green bells and whistles isn't practical for everyone, but that doesn't mean everyone can't go green," Wilson says. For those who aren't in a position to build or retrofit their home, there is the very real power of conservation. Hanging clothing on a line to dry rather than using a clothes dryer, and foregoing a freezer in favour of a cold cellar for produce and dried goods are both a part of the Wilson-Geraghty family conservation plan. Recent lighting upgrades and steady conservation efforts by the family, including son Ian, 15, and daughter Claire, 13, allowed the family to meet the 10 per cent energy reduction incentive offered by Hydro One last year. "As a family, we are always looking for ways to improve the house's energy efficiency — even though we built the highest level of efficiency we could to begin with," says Wilson.

Wilson envisions a future with entire villages that take advantage of the kinds of technologies used in his home and points out that projects of this nature already exist in places like Freiburg, Germany. For now, the Wilsons are content to live green at home and teach their green lifestyle to neighbours and friends. John regularly gives tours of his house, and schedules an open house each year for interested individuals who wish to learn more about incorporating efficiency measures into their own homes.

For more information on John Wilson's next open house, visit [www.naturallifenetwork.com](http://www.naturallifenetwork.com).



*"A custom-built house with this many green bells and whistles isn't practical for everyone, but that doesn't mean everyone can't go green."*

*John Wilson  
VP of Operations, Bullfrog Power*

# bullfrogpowered™ green index

Bullfrog Power thanks all bullfrogpowered organizations for choosing clean, green power.

New bullfrogpowered organizations and locations are indicated in bold.

\*Annual megawatt hours (MWh) of green power purchased.

## Vanguard >20,000 MWh\*



3 Alberta stores, 3 Ontario Supercentres



Corporate Office Toronto and  
13 Ontario malls (50%)

## Emissary 5,000–9,999 MWh\*



**NEW** up to 96 branches



**NEW** Civic Centre



Toronto Head Office, National Distribution Centre



**NEW** 40 Ontario locations,  
16 Alberta locations



**NEW** Automated bank machines

## Steward 1,000–4,999 MWh\*



**NEW** Adobe Systems Canada –  
Ottawa office



**NEW** Administrative Centre,  
Household Hazardous Recycling Depot



**NEW** 17 Ontario stores,  
8 Alberta stores - LEED



Ontario Ministry of the Environment  
- Head Office



**NEW** F.M. Woods Pumping Station



**NEW** The Stonemill Bakehouse



GTA and Ottawa Real Estate Offices  
and Global Headquarters  
(common employee amenities)



**NEW** Random House of Canada



3 Ontario locations,  
1 Alberta location



Calgary and Edmonton stores



Head Office and 5 Alberta locations



**NEW**

Homes by Avi



**NEW** Central 1 Credit Union



Canadian Head Office



Head Office, Kortright Centre for Conservation,  
and Restoration Services Centre - LEED

## Herald 500–999 MWh\*

- Moksha Yoga
- Good Earth Cafés Limited
- Steam Whistle Brewing
- Lowe-Martin Group - Toronto production facility
- Halsall
- Acuity
- Upper Canada Forest Products
- Arthur's Fresh - LEED
- Metalumen Manufacturing
- HOK Canada – Toronto office - LEED
- The Sisters of St. Joseph, London - Chapel and Suites - LEED
- Keilhauer – Headquarters
- Town of Aurora – Town Hall
- City of Cambridge - City Hall
- Environics
- BLJC – Markham and Kanata corporate offices
- Town of Caledon - Town Hall
- Flexahopper Plastics
- South-East Ottawa Community Health Centre
- Cotton Ginny - 2 Alberta stores, 4 Ontario stores
- Metro Toronto Convention Centre - Administration offices, electronic signage
- North American Logistics Services
- Freedom International Brokerage Company
- Reunion Island Coffee
- The Debut Group
- Jacques Whitford Ltd. - Markham office



## Envoy

100–499 MWh\*

- Dymon Steel
- Davis
- Envirotech Office Systems
- Ricoh Canada - Distribution Centre
- Coca-Cola – Canadian Head Office
- QuickPlay Media
- Accell Graphics
- Warren's Waterless Printing
- G.A.P. Adventures - Head Office, Calgary and Toronto Concept Stores
- Hyatt Regency – Calgary Meeting and Function Space, Stayfit and Pool
- Sassafraz
- Christie Lites
- Edgestone Capital Partners – Toronto office
- Global Energy Services
- Rimbey Foods
- PCL Centennial Learning Centre
- Veritas Communications
- EcoSleeve Product Line
- Bridgemark
- Rainbow Natural Foods
- The Bullring coffee pub
- Science '44 Co-op Student Housing
- BLANCO Canada - Customer Service and Distribution Centre
- BILD
- WendyLynn Custom Homes
- Wee Book Inn - Head Office and 3 Alberta locations
- AMO (Association of Municipalities of Ontario)
- Renfro Canada
- MiraTel Solutions
- Brown's Fine Food Services
- LaserNetworks
- Climate Change Central
- Upper Canada College - Residences
- McMillan Binch Mendelsohn LLP - Client Service Centre
- Greenpeace Canada
- Beck Taxi
- WWF-Canada
- NHLPA
- St. Gabriel's Passionist Parish - LEED
- MPH Graphics
- DigiGraphics - Head Office
- Citizens Bank of Canada - Toronto office
- Wiggers Custom Furniture
- Turco Persian Rug Company
- Ariad Custom Communications
- eBay Canada
- QuintEssential Credit Union – 2 Ontario locations
- CTI Working Environments
- Sims Recycling Solutions – offices and warehouse
- INSCAPE - Downtown Toronto Showroom
- Noah's Natural Foods - Head Office
- Bruce Mau Design
- W Studio
- Prairieview Elementary School
- Quadrangle Architects Limited
- INDUSTRYimages - 3 Alberta locations, 1 Ontario location
- Lakeside Logistics
- Green Rewards
- Camp Arowhon
- The Pembina Institute
- Dds Automated Machinery Design
- Punch Integrated Communications
- Wild Rock Outfitters
- CodeProject - Head Office and servers
- Colour Innovations - offices
- Pollution Probe
- Hidden Bench Vineyards & Winery
- Storage Spot
- Red Bloom Salon
- Allsteel - Showroom - LEED
- Rocky Mountain Soap Company
- The Masha Krupp Translation Group – CRA Division
- Urban Strategies
- Calstone
- Vento Condominium Corporation – common areas
- Youth Emergency Shelter Society - Head Office
- Ampersand Printing
- KingSett Capital
- Carleton Place Nursery
- Seventy Six Davenport – The Florian Sales Centre
- The Jonah Group
- Domus Café
- bo bébé - Stewart Green location
- Allwest Commercial Furnishings - Showroom and office space
- Montgomery Sisam Architects
- Ontario College of Art & Design (OCAD) – Student Centre
- The University of Western Ontario Research Park - Gourmet Café and Windermere's Café
- GridIron Software
- Union Gas - Burlington facility - LEED
- InterfaceFLOR Commercial - Toronto Showroom
- Kasian Architecture Ontario
- PAC (Packaging Association of Canada)
- Hannam Fertility Centre
- Clearstone Engineering Ltd
- Green Living Enterprises
- Toronto Community Foundation (TCF)
- Prairie Sky Cohousing
- Camp Tanamakoon
- COHOS EVAMY integrated design – Toronto office - LEED
- Bartlett Lodge
- Interware Systems - office
- Burt's Bees Canada

## Advocate

1–99 MWh\*

- 2degreesC
- 4C Interactive Design and Development
- A&M Wood Specialty
- Aboud & Associates
- Adanac Images of Ontario
- Dr. Bob Adler, Dentist
- Advantis Communications
- Advatum Portable Tradeshow Displays
- The Adventure Travel Company - Toronto office
- Akuni Adventures
- Alan Harman Investment Advisors
- Alberta Egg Producers
- Algonquin Orthopaedics
- All Things Jill
- Altimeter Design
- AM Communications
- Amaruk
- Amey's Greenwood Taxi
- Ananda Wellness Centre
- Antaeus Workshops
- Aquatech Skin Care
- Arbour Environmental Shoppe
- Arcadia Academy of Music
- architectsAlliance
- ArtofDisplay.com
- Ask Around
- Aspen Gardens Community League
- Assured Mortgage Services
- Asthma Society of Canada
- AutoShare
- Avatar Brand Management
- Aver Media
- baby on the hip
- baby magoo
- Balanced Customs Millwork
- Banff Airporter
- Bang Creative Communications
- Baudry Cybernomics - Office and Servers
- Beach Solar Laundromat
- Beaufort Computer
- Bellalita
- Bennington Limousines
- Dr. Gregory Bidnost - Rockway Chiropractic Clinic
- BioPed - Peterborough and Cobourg locations
- Birds 'n Paws
- Bishop Information Group
- Black Current Marketing
- Black Feather Wilderness Adventures
- Black Sheep Creative
- Dr. Kirsten Blaine Pediatrics
- Blind Alley Arts
- Bloomers at the Market
- Blue Wilderness Management Group
- Bluestreak Records
- Bon Ton Bakery
- Botan Construction
- Bravo! Designs
- Brigham Enterprises
- Broad View Health
- Brock St. Family Chiropractic
- Brook McLroy/Pace Architects
- Bruce Trail Conservancy - Head Office
- Building Green
- Bunny Safari Pottery
- Burnham Insurance & Financial Services
- Butterfield & Robinson
- Byward Fruit Market
- C M R Law Office
- C.R. Visuals
- C2 Consulting
- Café Taste
- Caldwell Jeffery
- Calgary Dollars
- Cambridge Massage Therapy Clinic
- Cameron's Coffee
- Canada Green Building Council (CaGBC) - LEED
- Canada's Outdoor Shows - Head Office
- Canadian Boreal Initiative
- Canadian Business for Social Responsibility (CBSR)
- Canadian Football League
- Canadian Star Diamond
- Canadian Parks and Wilderness Society - Calgary/Banff Chapter
- Canadian Tours International
- Canadian Wind Energy Association (CanWEA)
- CanamPac ULC
- Can-Tran Intl. - Corporate Head Office
- Carbon Busters
- Carbon Diet
- Carlsun Energy Solutions
- Carolyn Jones and Associates
- Carter McRae Events
- Catch Restaurant & Oyster Bar
- Centre Commons Perennials
- Century 21 Lanthorn Real Estate - Don Ross - home office
- Cervélo Cycles
- Chemong Medical Centre – Dr. Bell, Dr. Rutledge, Dr. Motyer
- Chris McKhool Concerts
- Chromatica Design and Communications
- Church of the Ascension
- Ciker Costumes
- cinder + smoke clothing
- Clean Air Foundation
- Clean Calgary Association
- CleanPix
- Clearly Green Design
- CM Consulting
- CMS Web Solutions
- Coffeeco - Johnson Street location
- Collingwood Communications
- Community Midwives of Hamilton
- ConMed Linvatec Canada
- Contech Construction Services
- Copperhead Mechanical
- Couchiching Conservancy
- The Coup
- Credit Valley Conservation
- Crescent
- Crystal Homes - Model Home G62
- Cube Gallery
- Cupid & Psyche
- Current Reno's Contracting
- Custom Garden Services
- Cybertex
- Dairy Lane Café
- Dandelion Web Design
- Dashboard
- Dave Biesse Photography
- Dave Fedirko's Trucking
- David J Hewko Professional Corporation
- de la terre café + bakery
- Deacon's Bioconsulting
- Dean Palmer Photography
- Deer Trails Retreat/Bed & Breakfast
- The Delphi Group
- Design Air
- Designers Typesetters & Printers
- DGS/Project Management Solutions
- Discovery Child Care Centre
- D'Lux Lighting Design
- The Doggie Motel
- Doodad Media
- Douglas Square Chiropractic
- Dragonfly Ridge Studio and Chickadee Cabin
- East Wellington Family Health Team – Erin clinic
- Eccentric Artists Technical Services
- ECHOage.com
- Eckville District Savings and Credit Union
- Eclipse
- ECO3
- ecocut
- EcoDomestica ReDesign
- EcoEthic
- ECOrganics
- ecoSanity
- Ecovert
- El Cielo Lakech EcoLodge and Ranch
- Elastic Mind Content Solutions
- Element Model Suite
- Elementary Teachers' Federation of Ontario – Halton Local
- Elements The Patagonia Store
- Elkwater Lake Visitor Centre in Cypress Hills Interprovincial Park - Exhibition Space
- Elm Tree Dental
- Elora Centre for Environmental Excellence (ECEE)
- Emergency Lighting Services
- Emma's Heart
- Endless Films
- EnerVision
- EnerWorks
- Enviro-mental
- Environmental Defence
- Environmental Health Technologies
- EnviroRentals
- EnWise Power Solutions
- Epic Roofing
- Erin Community Radio
- Essence of Life Wellness Care
- Even Better Eco-Friendly Cleaning Services
- The Event Group
- Everdale Environmental Learning Centre
- Evergreen Concepts
- Evergreen - Head Office
- Every Day Well-Being
- EvolutionGreen.com
- Family Massage Therapy Clinic and Therapeutic Supply Outlet
- Federation House - OSSTF 29 & ETFO
- Fifth Town Artisan Cheese - LEED
- Fine Craft Upholstery
- Flow! Yoga and Wellness
- Flux Lighting
- Flyin' Fish Synthetic Lubes & Accessories
- Foodstuffs
- Footprints Eco-Resort & Group Get-Away
- Footprints Eco-Store
- Forest Stewardship Council – Canada
- The Fountain Group
- Frank T. Ross & Sons

- Free Your Game
- Freeman Real Estate
- Friends Meeting House
- Frilly Lilly - 1 Alberta location
- Frogpond Farm Organic Winery
- Front Door Organics
- Frontenac Arch Biosphere Reserve
- GENIVAR - one Calgary office
- Genki Foods
- Genuine Health
- Geometra Design
- George Street Naturopathic Medicine
- Gibson Timber Frames
- GlassBOX Television
- Global Pet Foods - Airdrie store
- GO Lighting Technologies - Warehouse
- Goddesshair
- Gold Seal Homes
- Good Earth Cafés - All Alberta cafés
- Good Gauley Productions
- Gooderham's Coffee Company
- Goodman, McDougall & Associates
- Grassroots Environmental Products
- Great Divide Nature Interpretation
- Green Group
- green is black
- Green Living Flooring
- Green Reason
- Greener Daze
- Greenfield Construction
- Greenfields Organic Farm
- Greenteam Courier
- GreenTech Services Non-Profit
- Greenwood Quilters
- Greystone Design + Communications
- GriggSport Strategies
- Group One Associates
- Grow Hydroponics & Organics
- Gusco Flooring
- Hamilton Family Foot Care Clinic
- Handyman Connection - Calgary location
- Harvest Moon Organic Bakery
- The Healthiest Home
- The Healthy Lifestyle Store
- heart on your sleeve
- Heartwood Place
- Heather McCarvell Photography
- Helmutt's Pet Supply
- Her Therapeutic Massage & Hydrotherapy
- Heritage Glass & Aluminum
- Highland Technology
- hikingcamping.com
- Hobbs & Co. Wine Merchants
- Holy Spirit Lutheran Church
- Homesol Building Solutions
- Horrocks & Co.
- Hot Shots
- Hotel Belvedere
- HUNTERS International Insurance
- Hypnox
- I Am Designs
- IDMG
- Incitement Marketing
- InCourage - Georgetown office
- In-Dee-Go Fundraising
- Indian Road Family Dentistry
- Industrial Chimney Maintenance
- Inertia Engineering + Design
- Ingaugue Metalworks
- Inkpro Contracting
- Innovative Response Marketing
- Insite Design
- Integrative Health Institute
- Investeco Capital
- Irene Mathysen, MP - Constituency Office
- Isherwood Geotechnical Engineers
- ISX Tours
- Ivey Foundation
- Jake By The Lake
- Jayne's Gourmet Catering
- JB Printing
- JMA Consulting
- Joanne Jones Financial Planning Services
- John Willmott Architect
- Jorritsma Design
- JRB & Company
- Jump Design
- K.R. Moeller Associates
- Kappel & Associates
- KCP Energy
- Kerry Lynn Armstrong, CA
- Kew Beach Veterinary Hospital
- Key Gordon Communications
- Keys Direct Marketing & Communications
- Kick Off Sports Bar & Café
- Kimmick Landscaping
- KIVA Landscape Design Build
- Kiwi Gardens
- KP Images
- Labbe-Leech Interiors
- Lake Ontario Waterkeeper
- Lakehead Unitarian Fellowship
- LAM Mortgages
- The Langham Condominium - common areas
- Lazer Graphics
- Leopard Frog Music
- LFG Home Delivery Solutions
- Liberty Clothing
- Lifford Wine Agency
- Liis Windischmann/Beyond the Sky Productions
- Little Siding and Roofing
- Little Stream Bakery
- Local Food Plus (LFP)
- Location Equipment Supply
- Loftsellors.com
- London Home Builders' Association (LHBA)
- London House Bed & Breakfast
- Loyalist Management Systems
- LUX Beauty Boutique
- Lynch + Comisso Architects
- M3 Financial Group - Head Office
- M5V Condominiums - Presentation Centre - LEED
- Mad Science of Toronto
- magma.event.marketing
- Magpie Jewellery
- Mama Muxima
- Manning Consulting Group
- Maple Hill Tree Service
- Mark Levine & Associates
- MASS LBP
- McDonald Mechanical
- McDougall Signs & Graphics
- Me to We: [Responsible Style]
- Menno S. Martin
- Mennonite Central Committee Ontario
- Mercedez Condominium - common areas
- Meritas Mutual Funds
- Merlyn Power
- The Message Parlour
- Metrogate Presentation Centre
- Michael Suthern Computer Services
- Migrations Travel and Cruise Centre
- mined reCREATIONS
- The Money Case Corporation
- Montauk Sofa - Calgary and Toronto locations
- The Montessori Country School - Library
- Mother-ease Cloth Diapers
- Motion 1 Corp
- motum b2b
- Mountain Image Distributors
- Multatuli Coffee Merchants
- Muskoka in the City
- My Green Workplace
- Mystique Creative
- Nadir Fluorescent Service
- Nadurra Wood Corp.
- NAL Insurance
- Nancy MacKneson
- Nathanael Gray Architect
- The Natural Step Canada
- Dr. William Newby, Psychologist
- [NIKKA] DESIGN
- Noble Cellars Wine Imports
- Dr. I.R. Noland
- Nomad Travel
- Northern Purification Systems
- Off to Market
- The Office of Gilbert Li
- Okwari Essentials Studio
- On Your Marks Print & Design
- Onebottle
- Ontario Association of Social Workers (OASW)
- Ontario Dehy
- Opal Carew, Romance Author
- Open Concept Consulting
- OPM (Outstanding Promotional Marketing)
- Organic Botanic
- The Otesha Project
- Our Lady's Missionaries
- Our Natural World
- Pablo Pikelin Plans & Permits
- Pacific Wine and Spirits
- Palgrave United Church & Manse
- Pandor Productions
- Pandora Press
- Parry Sound Family Physicians
- Pass It On Store
- Paul Hahn & Co.
- Paula Meier Associates
- Peel Elementary Teachers' Local (PETL)
- Pepper Cellars
- Performance Partnerships Limited
- Performance Woodburning & Gas
- PFK Developments
- Pharmacomunications Group - Production Facility
- Phoenix Print Shop
- Pincher Creek Pottery
- Pizzeria Libretto
- Planet Bean - Retail Outlet and Coffee Bar
- The Planet Bakery
- planningAlliance
- P'Lovers the Environmental Store - Port Perry location
- Polar Pin
- Polymeric Engineering Limited
- Prema Sai Wholistic Living and Prenatal Preparedness
- Pretsell Cavanaugh Lawyers
- Priority Massage & Health
- The Production Kitchen
- ProMark Window Film & Blinds
- Pure & Simple - Head Office and Eglinton spa
- Queensway West Animal Hospital
- Quintessential Clay
- R Bruce Inc. O/A RBI Advisory Group
- Rabbat Photography
- RBR
- REALpac (Real Property Association of Canada)
- REAP (Respect for the Earth and All People)
- Red Canoe - National Heritage Brands
- Red Hill Coffee Trade - Home Office and Roasterie
- Red Pine Outdoor Equipment
- Reid's Heritage Homes - Cambridge Model Home
- Religious Society of Friends
- Renaissance Yoga and Ayurveda
- rePlan
- The Republic of Yonge & Eglinton - Sales Office
- ReThink Hosting
- Richard Price Financial Management
- The Richmond
- Richmond Hill Chamber of Commerce
- Riva Dentistry
- Riverdale Community League
- Riverhouse Company
- Riverside Spa
- Robert G. Smart Barrister & Solicitor
- Robert Gore & Associates Chartered Accountants
- Robert J Dyck Architect & Engineer
- Rona Carstairs
- Roofing Contracting Services
- Room Service Catering
- Royal LePage Rocky Mountain Realty
- Rust Check - Belleville and Kingston
- Saffron Rouge
- Sage Valley Marketing
- Sallart Studios
- Sarkis Equine
- Saxe Law Office
- SCIPR
- Scale Models Plus
- Scarboro Vacuum
- Seize the Moment Photography
- Sequel Restaurant & Catering
- Serenity Birth Studio
- Shadowfax - Perth Ontario
- Shaftesbury Films
- Shamus MacWee
- S.H.I.M.ie Productions
- Sidetrail Media
- Sierra Club of Canada - Toronto and Edmonton offices
- Simcoe Court Reporting
- Simplifusion
- Small Potatoes Urban Delivery
- Smart Site
- SMART Watering Systems
- Snug
- Social Capital Partners
- SPG Digital Solutions
- Spinhaven Bed and Breakfast
- SR Management
- St. Agatha Parish
- St. Paul Veterinary Clinic
- The Sterling Hall School - Music Centre
- Stickling's Specialty Bakery
- Stillwater Spa
- Stonest Equities
- Straworks
- Stubbe Chocolates & Pastries - Toronto location
- Student Union of Confederation College Inc.
- Studio de Vie Essence Life Studio
- Succeed
- Sugarbush Cabinet Company
- Summerhill Group
- Susan Harris Design
- Sutton Group Heritage Realty - Laura McBride - home office
- Switch Marketing and Communications
- Synergy Projects
- Tay Valley Physiotherapy
- Taylor Label
- The Tea Haus
- The Tea Room
- Tetchense Management
- Ted Handy and Associates
- Temple B'Nai Tikvah
- Ten Thousand Villages - Ottawa stores
- TerraChoice Environmental Marketing
- TerraFrog Clothing
- Terrevisa Earth Imaging
- theHumm
- Third World Bazaar
- Thomas Entertainment
- Thompson Print Management
- The Thompson Rosemount Group - Guelph office
- Three Wisemen
- Thunder Penguin Enterprises
- Tookish Digital Communication
- TOOLQUIP Agency
- Toronto Green Community
- Tortoise and the Hair
- Touchstone Technologies
- Tour d'Afrique
- Township of Rideau Lakes - Township Office
- Trailhead Kingston
- Transport Canada - Sudbury TCC
- Trauma Management Group
- Treefrog Interactive
- T-Squared Technology & The Computer Store
- TwinPro Graphics
- The Union Yoga Centre
- The Unique Blend Coffee Services
- Unitarian Congregation of Niagara
- Upper Canada Property Management
- Valleypine Farms
- Van Valkenburg Communications
- Vance Motors
- VAULT Solutions
- Venable Park Investment Counsel
- Ventus Energy
- Vernacare
- Victoria View B&B Retreat
- Village Yoga Studio & Healing Therapies
- Visions in the Woods
- Vital Engineering
- Walter and Duncan Gordon Foundation
- Waterdown Massage Therapy
- Wellington Financial LP
- Wendylynn Custom Homes
- West Photo
- Westfalen Orthotic Services
- White Squall Paddling Centre & Town Store
- Whiting Design
- William D. Martin, Barrister and Solicitor
- With Gratitude
- Wood Street Renovations & Restorations
- Wooden It Be Nice
- Woodside Pottery
- Words Worth Books
- WorkCabin
- WORLD Salon
- Writing-on-Stone Provincial Park Visitor Centre - Exhibition and Theatre Space XE.com
- Yes Absolutely
- The Yoga Sanctuary
- Your Body You
- Your Healthy House
- yourCFO Advisory Group - Head Office
- Zephyr North
- Zipcar Canada
- ZipLocal

LEED: This facility's regulated electricity use is bullfrogpowered for credit toward LEED® (Leadership in Energy and Environmental Design) Green Building Rating System requirements. To learn more about how Bullfrog Power can help you achieve LEED certification status, go to [www.bullfrogpower.com/business/factsheets](http://www.bullfrogpower.com/business/factsheets).







The Bullfrog Founders Club is a list of residential electricity consumers who have pledged their public support for green power. Listed here are new Bullfrog customers in Ontario who have signed up since the last issue of the Buzz. We would like to thank all of our founding customers for being among the first in Canada to make the choice for clean, renewable electricity.

Together, Bullfrog Power and its customers are helping to change the balance of power!

## A

Catherine Abbott  
Dr. Kimberly Abshoff  
The Abt Family  
Chris Adachi  
The Adams Family  
Carol Agocs  
The Aitken Family  
The Akhtar Clarkson Family  
Bruce and Andrea Alexander  
Joanne & Derek Allard  
Daniella Mallinick and Jason Allen  
Stephanie Allen  
Kristi Allik & Robert Mulder  
The Anderson family of Spruce Ridge Farm  
Andrea  
The Archdekin Family  
Eleanor Archer & David Spivey  
The Arikar Family  
Bev Aschah  
The Atkinson Family  
The Atfield Bingham  
Marion and Andre Auger  
Katy Austin / Stew Netherton

## B

Tina Bailey  
Susan & Vivek Bakshi  
David Barkley and Liz Hietkamp  
The Baron/Hunt Family  
Stephen Barry  
The Barschels  
Bettina Baum  
Debbie Baxter  
Alkas Baybas & Anna Sorensen  
The Bean Family  
Sandy & Jean Beaton  
Amie BeauSoleil  
The Becevello Family in Scarborough  
David Becker  
Rob Beckers & Banu Ormeci  
Diane & David Beckett  
Arlene Beckett  
Josh & Melanie Bednar  
The Behmann Family  
The Beith Family  
Dylan Bell and Suba Sankaran

## N. Beneteau & M. Parrott

Andre Benrubi & Angela Dietrich  
Kathleen Benson & Family  
David Berman  
The Best Family  
Elizabeth Bidinoff  
The Bidinosti Family  
Biggar Island  
Bill Bishop & Ginny McFarlane  
Margaret & Emily Black  
Rebecca Black  
The Blair Family  
The Blais Family  
Blue Sky Lawn Environmental  
Paula Bodendistel  
The Bodenham Family  
Julia Boma-Fischer  
Caroline Bookless & Céó Gaudet  
James Booth & Mary-Lynn Fulton  
Joe & Amy Boughner  
Jeremy Bowes  
G. Boyce  
Claudette Boyd  
The Braden Family  
The Bradley Family  
The Brdarevic Family  
The Bredins  
Graham Broad and Amanda Green  
Bronwyn & Adam Brock  
Beth and Steve Brown  
Ryan Bruce & Lindsey Abma  
The Brueckman Family  
Peter Bruer  
The Bruxer Family  
Michelle Bryck and Brian Askey  
Don & Maureen Buchanan  
The Buchbinder Family  
Beverly Burke  
Terry Burns and Paul Nicholson  
Keith & Krista Bussey  
The Butler Family

## C

Cadot Farm  
The Callaghans  
David & Jill Cameron  
Heather Campbell  
Campbell Hewson Family

The Campbell-Laxdal Family  
Rachelle Campbell  
Jaime Capell and Benji Jordan  
The Carless Family  
The Carreau Family  
The Caruso family  
Paul & Paula Cassidy  
Ryan Cassidy & Sarah Wright  
Amanda Cato  
Isabella Cattelan  
David Michael Cefai  
The Cepuch/Bruce Family  
Cernahoschi and Kazecki Family  
M. Chan  
The Chand Family  
The Chapman Family  
Jeff Chapman and Jen Fenton  
The Charlebois Family  
The Chemays  
M. Chenier and G. Hughie  
Katie Cher & Barney Kuntze  
Nicole Cheung  
Rachelle Chevalier  
The Chinappi Family  
Duncan Christie and Soni Craik  
The Churchill Family  
Cindy and Art  
Claire, Leela and Brad  
K. Clark  
Nancy Cobban and Allan Walkinshaw  
The Cole Family  
The Coleman Crew  
Stephen & Caroline Collins  
Lily Cong & Geir Engdahl  
Patrick Conner & Andrew Arnold  
Grant Conrad  
Ruth & Mischa Cooper  
Ian Cooper  
The Couillard-Clarke Family  
Robyn Craig & Frank Beecham  
Mary Margaret Crapper  
John & Lesley Cree  
The Crohn Family  
The Cross Family  
The Berry Crossfield Family  
The Crossin Metcalfe Family  
Lucas & Addy Croxon  
Aaron Cryderman  
The Cuomo Family

## D

The Dacombe Family  
Shannon DaCunha  
The Daley Family  
Peter Dalziel  
Charlotte Danard and Donald Plewes  
Michelle Darwin  
Miriam & Ron Davidson  
Shannon Emily Davidson  
Grant Davis & Christine Korol  
The Dawson Family  
Famiglia De Luca Family  
Lucy De Oliveira  
The Derham Family  
Nicole Deschesne  
Suzanne Desmarais and François Lafliche  
Sebastian Dewhirst  
Mancinelli & Di Giacomo Family  
Brad Dibble and Katherine Elphick  
The Dickson/West Family  
A. Dickson  
Jeff DiCredico & Justin Hall  
The Dillon Family  
Adam & Elizabeth DiSabato  
Doug and Kelly Dixon  
The Dodd Family  
Michael Dodson  
Jan Doherty  
The Donnelly Family  
John and Kathy Douma  
Doyle Harmer Family  
Brent Drewry

Norrey Drummond  
Geoffrey Dudding & family  
Sinead Patricia Dufour  
The Dunn Family  
The Dunn-Beckwith Family  
The Dupree Family  
Owen Dwyer  
Jason and Krystal Dykema

## E

Rebecca Earl & Michael Tiffin  
C. Earl and M. Granzio  
Earthen Design / Cohrs Barley Family  
Bethany Eybergen, Julianne Grapes and Alexandra Iredale  
Susan M. Ellis  
Tom Elsdon  
The Elve Family  
Jim Elve  
Empowerment Infoshop  
Anne Erickson  
Michele Erskine & Christian LaFontaine  
Jackie Evans  
Gillian Evans and David Toyne  
The Evitts Family  
Jesse Ewles

## F

Tracy Farmer and Greg Mayne  
The Fay-Cosmans  
Andrea & Nikki Fennell  
Kyle Ferguson  
Linda Ferguson & Family  
The Ferr Family  
Tina Fetner, Lane Dunlop, Maxwell Fetner Dunlop  
Ian Cooper  
Richard & Sairose Fisher  
Todd & Sarah Fisher  
The Fitzsimmons Family  
Chris Fletcher  
The Folsetter Family  
Sarah Forbes-Roberts  
Catriona Forrest  
Amanda & Dave Foster  
Brian Foster  
Brent Foster & Joie Baliton  
Dona Foucault & Stewart Dick  
Brian Fountain  
Javor Frajkor & Heather MacDonald  
Laurie Freudenberg & Brian Portt  
Mark Frey & Diana MacPherson  
Harriet Friedmann

## G

Catarina Garrao  
Monique Gartner  
Ze'ev Gedalof  
Wesley Gee & Jennifer Stephen  
Baker/Geene Family  
Stephen Gilbert & Ashleigh Laughren  
Sarah Giles  
The Gill Family  
Amber & Ted Glad  
The Gloyn Family  
Elaine & Peter Gold  
Gonzalez Gomez Family  
Rose, Darryl, Amanda & Danielle Goodall  
The Gransauil Family  
Joe Gravel  
The Graves Family  
Sam Grech  
Richard Green  
Leslie & Brenda Greenberg  
Keld Greflund  
The Gregoras Family  
Sandra Gregson & Ezra Lipton  
Josée Guévremont

## H

Joe Haché (Jr.)  
P & J Hachey  
Allan Haley  
Mary Hall  
Ryan Robert Hallett  
Davidson/Hamdani Family  
Mark Hancock  
Peter and Gill Hanks  
Joyce Harris  
Mary & Dave Hargreaves  
Fred Harris & Mary Ann McDonald  
Pam Harris and Family  
Harrison Family Guelph  
Tim Harrison & Christine Smit  
Trevor Harvey  
Ken Headrick  
Kevin Hearn  
Doug Heighington  
Terri Henderson  
Brian Hendry  
Megan Hendry  
Stefan Hensel  
Karen Herder & Graham Douglas  
Steven Heritage  
The Hiebert Family  
Mark Hierlihy  
Rob & Anje Hilkers  
The Hill Family  
Laurie & Richard Hill  
Matthew Hisko  
Kerri & Alex Ho  
Holke/Douma Family  
Nicodemus Holmes & Angela Warner  
Mark Howard and Family  
Tom Howell  
Archie Hughes  
The Hurdon Family  
Hurst Mann Family  
The Hurst Family  
The Hutcheson Family  
Jason and Tisha Roy  
The Huycke Family  
Gill Hyland  
Hymmen Family

## I

Paul Indrigo  
The Isaacman Family  
Andrew Island

## J

Brian and Kelly Jamieson  
Bill Janes  
Art, Barb & Madeleine Janzen  
Glenna Janzen & Carol Leigh Wehking  
Brad & Carolyn Jarman  
The Weber/Jarvis family  
Jen & Stef  
Dan Johnson & Kathy Avrich-Johnson  
Johnson/Peterson/Siemons Family  
Jessica Johnson  
Dr. Judy Johnson  
Dimitri Demetrakopoulos  
Johnston & Shiell  
Cathy & Barry Joslin

## K

Jessie Kalman  
Kelly Karpala  
The Keenan Family  
Kemeny-Anderson-Mantis Family  
Trudy Kennedy  
The Keren Family  
The Kerr Family  
Dr. Jeremy Kerr, Laura Kerr, Evan Kerr, and Elise Kerr  
The Kerton-Houle Family  
The Khan Family  
Ruth Kiessling

Lindsay and Janice Killen  
Andrew & Carrie Kilpatrick  
Kellie & Victor King  
The Kizilirmak Family  
The Knight Family  
Dorothy Knight  
The Konkles  
Darren Kropf  
Andrew Kruger  
Joan Krygsman  
The Kubelka Family  
Martin Kuhn  
Elvira Kurt

**L**  
C. Labelle  
The Lackie Family  
Linda & Jim Koebel  
Gesina Laird-Buchanan  
Denyse Lalande & André Goudreau  
Patrick Lam  
The Lang Family  
Silvia Langer and Michael Klug  
Alain Langlois  
Andy Lankin  
The Lapenske Family  
Laura Larsen  
Pete Lawlor  
Dr. Neil Lawrence  
The Lawries  
Michael & Camille Lechasseur  
Drs. Joyce Lee & Jeremy Theal  
Lee Wing Hin  
Jamie Lefkovich & Alan Fraser  
Martin LeFrancois  
Tina Legari & Tom McSorley  
The Legrand Family  
The Leitner Family  
Adriana & Nenad  
Jocelyn Leney  
Rod & Marilyn Leuty  
The Levesque Family  
Wayne Lewchuk & Dale Brown  
William Lewin  
The Littlejohns  
Mr Edwin Lim & Ms Erin Smith  
Moragh Lippert & Paul Clarkson  
The Mclver-Lisinski Family  
S. Livingston  
Tammy Locke  
Margaret Logan  
The Long Family  
Fred Longley  
The Longley Family  
Chris Luchhardt & Carol Levesque  
Will Luczak  
Ludwin Family  
Derek & Marie-Lynne Lunn  
Frank & Charlie Lunn

**M**  
MacAulay/Gane Family  
David MacDonald  
Linda MacDonald  
The MacDonald Family  
The Macfarlane Family  
The Mack Family  
MacKinnon-McLarny Family  
The MacKinnons  
MacLean Family  
The MacLeod Family  
MacOdrum Goldberg Family  
James MacPhee  
Diana Macpherson/Jeff D'Hondt  
K. & L. Madden  
Steve Madill  
Lois Magee  
Jason Maher & Alisa Wing  
Sylvia & David Main  
Michelle Mama  
Brett & Dave Maraldo  
Mark & Soraya  
Martin & Holly  
Mary Martel & Family  
The Martin Family

Larry Martin  
Gabriel Mastico  
The Mathur Family  
Kristen Matthews, Fiona and  
Thomas Vail  
The Maude Family  
Barb McAdorey  
Jamie & Debbie McAllister  
Robin and Laura McBride  
Kathy & Paul McCarroll  
Ann and Jim McCarvell  
The McGinn-Steele Family  
The McGrath Family  
Melanie McGuire  
Sara McIlraith and Shaun and Kate  
Richards  
Kim McIntosh & Dave Ropotar  
Kathryn McIntyre  
The McClung Family  
Robert McKinnon  
Tracy, Chris, Simon & Avery  
McLaughlin  
The McMahan Family  
Ted & Barb McMeeKin  
Shane McNaught  
Lesley McRae & Paul D'Souza  
Meeussen Family  
Ludwik Meissner  
Melanie, Shannon, Nicole, Ira, Ed  
and all  
The Meyer Family  
Meyer-MacLeod  
The Mielzynski Family  
John Mighton  
William and Miranda Miles/Hair by  
Miranda  
Lynda Milina  
Mills-Davis Family  
Brendan Steacy and Pamela Mills  
Dan, Ann & Evelyn Milner  
Brian Minns & Meghan Lockington-  
Minns  
Tim Mitra/Carol Adcock  
Karen Moffat  
The Molino/Bowers Family  
The Montgomery-Song Family  
Wes & Ali Morden  
Eric Moreau  
La famille Morin  
The Morrier Family  
Bev and Keith Morrier  
A. E. Morrison  
R. Mount  
Laura Mousseau  
The Moyes Family  
Liz Muggah  
R. Mark Muller  
Paul & Marcy Murawsky  
Mitch Murphy  
The Murray/Chabot Family

**N**  
Lisa Nabieszko  
Brian Nelson  
Julia & Calin Nemes  
Keith Neuman & Joan Campbell  
The Nevills Family  
Janet Nicol  
E. Nisbet and J. Hatley  
Peter Noteboom  
Robin Noya

**O**  
Euen O'Connor  
The O'Connell Family  
Anna O'Grady  
The Okwari Family  
Chad & Allison Oldfield  
Cynthia Ostrom  
Bill, Lisa, Carter, and Eva Oswald

**P**  
Catherine & George-Arnaud Painvin  
Qi Pan & Chen Xu  
Jason Paquette & Chantal Beaulieu

Dominic Parent & Melissa Dupuis  
Jason Paris  
The Parkanyi Family  
Dylan Parker & Joelle Young  
Penny Parmenter  
Alan Patt  
Ian and Meghan Patterson  
The Patterson & Eto Family  
Linda & Peter Pauderis  
Henry & Nancy Pauls  
Anita & Michael Payne  
Krystle Pedro  
Andrea Marie Peloso  
The Peros Family  
The Peters Family  
Jon & Meagan Peters  
The Petro Family  
The Pfaff & De Santis Family  
Phil & Susan  
Shane Phillippe  
Neil Phillips & Mardi Michels  
Dr. Jesse Pierce & John Lindsay  
Karyn Pietsch  
David Pike  
The Plotzke/Clancy Family  
Luke Pollard  
Pip, Nick & Sam Pottage  
Jeff & Megan Potter  
Lyndsey Poynter  
Santosh Prasad  
Tim Preston  
Anna Proctor  
Puskas Family  
C. & T. Pye  
Cathie & Jeff Pym

**Q**  
The Quigley Family  
Carole Quinn  
The Quinn Family  
Elizabeth & Gerry Quinn  
The James Quinn Family

**R**  
The Frogman & Elaine Racey  
Corina & Harold Racz  
Ralph & Ginny  
Isabelle & Daniel Raue  
Ms. Mary McDonald  
Jennifer Rayner  
Peter Raynes & Darryl McSherry  
Kate Reekie  
The Reeve Family  
The Thomson-Reid Family  
Sian Reid  
The Reijerse-Magolon Family  
The Reilly-King Family  
Annemarie Reimer & James Leyland  
Deena Reis  
Heather Reisman and Gerald  
Schwartz  
Micky Renders & Peter Barron  
Kate Rexe  
The Richler/Halpin Family  
Mike Richmond  
Bradley R. Rick  
Robin & Sam Ridesic  
David & Carol Jordan Riseing  
The Robertson Family  
Robinson/Williams  
Kimberly Robinson & Paul Bethune  
Sharon Robson and Michael Buffery  
Ken Rockburn  
Dan Rockel  
Roecken/Bertrand Family of  
Seagrave  
The Rogers Family  
The Romanowich Family  
The Rooney Family  
T.J. Rosenberg & Sarah Southcott  
Mrs. Etta Ross  
Simon Routh  
The Roynance Family  
The Rundle Family  
Ann Russell

Barry Russell and Helen Mogford

**S**  
Nancy L. Sabo  
Nathan Saliwonchik & Anuta  
Skrypnychenko  
Matt Sandink  
Tracy Sanford  
Jaruca Santos  
John Scarlett  
The Schellingerhoudt Family  
The Phillips/Scherer Family  
The Schothuis Family  
Schwisberg-White Family  
The Scroggie/Marshall Family  
The Sebastian Family  
The Secords  
Emma Segal  
Melanie Seguin & Victor Rodriguez  
The Serdar Family  
Lee Seymour & Brian Gifford  
Richard Shallhorn & Nancy Baker  
The Sheppards  
Fazal Sheriff  
The Shields Family  
Mark Shouldice  
Anna & Charles Simon  
Antony and Joanne Simpson  
Brian, Kathy & Bayley Simpson  
The Sine Family  
Richard Smereka  
Craig Smbert & Micheline Roi  
Carol Smith  
Melanie and Stephanie Smith  
The Sharir/Smith Family  
Smith Bellefontaine  
Joan & Diana Smyth  
Amanda Soder  
The Spaner Family  
Chris & Steph Spiesz  
Donna Sproule  
The St-Martins  
Matt Stanley  
Rob Steele  
G. & V. Steffler  
The Steirman Family  
Ann Stephenson  
Emily & Arlen Sternberg  
The Stevens Family, Caledon  
The Stone Family  
Lillian Studt & William Echard  
Sugar Family  
Jim Sugiyama  
The Sveinbjornson Family  
The Sweeney Family  
The Sweezbergs

**T**  
Joseph Talavera  
The Tarrataca Wood Family  
The Tarulli Family  
Amy & Mike Taylor  
The Theodore/Bolzonello Family  
Barbara Thompson  
Thomson Family  
Michael Tiffe/Chantal Fraser Family  
The Tiffin-Rapp Family  
Carey Toane and Karri Ojanen  
Stephan Trepanier  
The Renfrew Tripps  
Peter & Carmen Trottier  
The Tunney Family  
K. Turner  
Barry & Joyce Twohig

**U**  
A. Underwood

**V**  
Elaine Vacheresse  
Rev. Barry, Peggy, Jonathan & Sarah  
Van Dusen  
The Van Dyke Family  
The Van Seters Family  
Cathy & John Vankesteren

Judi Varga-Toth & Jeff Cosman  
Sally Vergeer  
The Veter Family  
The Viehweber Family  
A., J. & C. Voegel  
The Volcansek Family  
The Vyvey Ramin Family

**W**  
The Waddell Family  
The Waese-Perlman Family  
Patrick Wagner  
Sean Waite  
Penny Walford  
Walker Family  
Meghan Walker  
April Boyington Wall  
Robert Wallis & Jennifer Howard  
Rene Wallis  
John L. Walmsley  
Bonnie & Steve Walsh  
Dan Walshe and Linda McCain  
K. Ward  
Menai Wardle  
The Warren Family  
Lisa Webb  
Weeks/Davidson Family  
George Wells  
The Westphal Family  
Geoff & Ali Wheeler  
Erinne White  
Whitney/Cavanaugh family  
The Whyte Kennedy Family  
Bryant & Sarah Whyte  
Diane and Frank Whignton  
Wilcox/Middleton Family  
Doug Williams  
Ian and Lynn Wilson  
The Winegarden Family  
The Wirtanen Family  
Katarzyna Wolf  
Connie Wong  
Sharon Wood  
The Woodfine Family  
The Wrays  
The Wright Family  
Rick and Doris Wukasch  
Ralph Carl Wushke & David  
Vereschagin

**Y**  
Peter Yan/Leah Pressey and Family  
Reem Yassawi and Marcus, Leila  
and Aziza Pivato  
Brian & Shaunie Young  
The Youngs of Sunnylea  
Greg Younger-Lewis  
Andrew Youngusband  
The Yuill Family

**Z**  
Paul Zdolec  
The Zuchlinski Family





Listed here are new Bullfrog customers in Alberta who have signed up since the last issue of the Buzz.

**A**

The Almond Family  
Pam & Eric Amulaku  
The Andersen Family  
Deanie & Paul Anderson  
Lisa Asbreuk & Rob Howard  
Stuart Ashley  
Cristina A.

**B**

The Backs  
Rolo B.  
J. Baril  
The Barker -Sharp family  
Brian Bartley & Amy Raes  
Mike and Casey B.  
Dean & Janet Bauer  
Bazinet/Morton  
The Black Family  
Blahey Family  
The Blanchard Family  
The Bohms  
Ed Boraas & Jeannette Gysbers  
The Bouchard-Jenkins family  
Rino & Henriette Boucher  
Andrea Bradley  
The Brassard Family  
Broom Family  
Reg and Sam B.  
Lisa Brown & Nikolas Carlson  
The Brownlee-Armstrong Family  
Tom & Wendy Brownlee and Family  
Bruins Family  
The Bubik Family  
The Bergeron Family  
The Butz Family  
Mike Byerley

**C**

J. Cairns  
Mandy Cameron  
The Campbells  
Genevieve Carolan  
Jennifer Carr  
Carter Family  
Helene Cassista  
Amie & Julien C.  
The Chapmans  
Corrin-Chaudhry Family  
Chell Family  
Kyle R. Christensen  
Bree Clark  
Philip Clark  
Jillian & Jed Cochrane

**D**

The Cox Family  
The Crampton Family  
Dave Crawford  
The Crough Family  
The Darlings  
Wendy Davies  
The de Laive Family  
W. Delainey & Family  
Heather Dempsey & Keith Webb  
The DiBattista Family  
The Downey-Damato Family  
Kelly Hilliard and Michael Drury  
The Dublenko Family  
Christian and Dagny Dubois  
The DuChene Family  
Nissa Dufresne  
Dumais/Kerr Family

**E**

Jane Ebberrn and Kevin Johnston  
Elicia Elliott  
Kris Emilson  
M. Emmett & A. Dawson  
Amanda and David E.  
Stephen Entwisle  
R. Ezinga

**F**

Shane R.E. Faulkner  
Jason Feddema  
Liz Ferguson  
Caio Fernandes  
The Ferneyhough Family  
Eric and Star Finley  
Stephanie & Sandy Fleming  
Rachel Foley  
Greg & Kaelie Forzani  
Angelo, Amanda and Paul F.  
David Frid  
The Fritsch Family

**G**

Amanda J. Garrison  
Jean Giesbrecht  
Dan & Lisa Given  
J. & P. Glombick  
Caylie Gnyra  
Mike Goergen  
Tyler Golly & Alexis Lockwood  
Traci Gourlay  
Rebecca Graham  
Jennifer Grant

Donald Gross  
Ali Grotkowski  
Christy & Ted G.

**H**

David Hannis  
Thomas Hansen  
Wade and Lee-Ann Hawkins  
Kevin & Janelle Head  
Elizabeth Valestuk Henderson  
Sheri, Bill, Emily & Matthew Hendsbee  
Rod and Rena Hermanson  
The Heuer Family  
Vanessa Higgins  
Prisca Ho  
Hogan Family  
Kim and Neil Younger  
Mark B. Hornyansky  
John Hoskin  
Laine Hotte

**I**

Wendy Ilott and Toby Schneider  
Mark Irvine  
Dave Irwin and Lynne Harrison

**J**

Robyn Jackson  
Kelly James  
The Jansen Family  
Lisa & Mike Janzen  
Steve, Susan, Katie and Russell Jasper  
Mr. & Mrs. Jegen  
The Jenkins Family  
Gordon & Rhonda Jewett  
Brooke and Darren Johnson

**K**

Darryl Kaminski & Estelle Guthro  
R. Jamie and Kerry Kaufman  
Valerie Kennedy  
Hugh & Leslie Kerr  
Lindsay Kerr and John Robb  
Zia Khan and Family  
The Kimery Family  
Wayne & Cindy King  
Amanda Knack  
The Knapman Family  
Sara Komarnisky  
The Koole-Hambly Family  
The Kootenay Family (Merv, Pam & Kids)  
David & Sheryl Koski  
The Hurst/Kostuk Family  
Neil and Britt Kowalski  
Will Kriski

**L**

The Lademann Family  
Tom Lam  
The Lampshire Family  
Jeff Laramée & Gabrielle Michaud  
Susan Larcombe  
Emile L.  
Elinor Lawson  
Mat Lebel  
Rachel Lindley  
Jason and Jacquie Lindquist  
The Ling-Dressler Family  
Don Linton & Sheila Hall  
Becky Lipton  
Eric & Cathy Lloyd  
Les & Linda Lowe  
David Luff  
Lyon Family

**M**

The MacDonald Family  
Angus Macdonell

The MacGoldings  
Colin MacIntyre  
Ian and Margaret McLaren  
Joseph, Leigh & Zoe Maier  
Trina Manning  
The Marino Family  
Brian Marsh  
The Martin Family  
Colin Pouliot and Pam Martin  
Bronwen Mason  
Curtis & Natalie Masters  
Scott McGeachy  
Jessica McGinnis  
Trevor McHarg  
Scott McKay  
Kris & Catherine McLaughlin  
Brad, Tara, Nicholas & Cole McLellan  
Greg Meimar  
Miss Danielle Merrifield  
Carla Meyer & Greg Morgan  
The Migaj Family  
Steve Miller  
Warren, Lori, Grayson and Payton Minchau  
Shelby Mitchell  
Lana Joy Mitchell  
The Mughal Family  
Murphy Family  
Christine Klassen & Brent Murphy  
Sandy and Dorothy Murray  
Sonja Mylymaki

**N**

Tim Nakoneczny & Heather Lavers  
The Nash Family  
Heather Neilson  
The Neufeld Family  
Kassandra Nicholson  
Daniel, Kelly, and Shaun N.  
The Nuttall Family

**O**

Blake O'Brien  
Lindsay, Mitchell, and the Cats :)  
The Olson Family  
Olver Family

**P**

Justin Pare & Jana Mitchell  
Robyn Parker  
Henry R. Parker  
The Parviainen Family  
Steve Patten  
L.A. Pellerin & G. Rasmussen  
Joe Peters  
Tom and Laurie Pfaffinger  
The Pieracci Family  
The Pigeons  
Rana Pipiens  
J. Pollock  
The Pringsheim & Davenport Family

**Q**

Sarah Quinn

**R**

Dr U. and B. Ramsey  
Raskin Family  
The Reid/Anderson Family  
Toby-Anne & Jordan  
The Roberts Family  
Roberts/Linder Family  
S. Robinson  
Eiron Roffey  
The Romanovsky Family  
Barb and Ian Rounthwaite  
Kevin and Leeann Royle

**S**

Kelly Savage & Derek Meehan  
Majeau-Scalzo Family  
Jessica L. Schewchuk  
Colin Scheyen & Moniquea Marion  
John & Kelsy Scott  
Marie-Annick Jean and Amanda Scott  
Carolyn & Rob Seipert  
Pablo Kin Ling Seto  
The R. & M. Short Family  
Andy & Madeliene S.  
Cindy Skrukwa  
The Sneads  
The Sparks Family  
The Stapleton-Voight Family  
Deanna & Harvey Steblyk  
Strauss Steffenhagen  
Ahmed/Stelfox Family  
Brian Stern  
Stewart/Campbell  
Brenda Stoneham  
Paul Studiman

**T**

Lindsay T. & Davin A.  
Taylor, J. Mark  
Stacey Tetz and Dusty Kramps  
Thiessen family  
Jeff Thom  
Peter and Chris Thomas  
Robin & Chris Thompson  
Thornton-Trump Family  
Justin and Kimberley Thurn  
Kylar and Bonnie Toth  
Doug, Stacey & Liam Townsend  
Jeffries Townsend & Gillians Findlay  
Tom, Megan, Molly and Merlin T.  
Tremblay Family  
Nicole Tremere  
Bruce Trick  
Dave T.  
Anya Trousdale  
Todd & Paula Tuffs  
Travis Tuson

**V**

Natalie and Danielle Vacha  
Chris Vallee  
The Van Vliet Family  
Tamara V. and Matt Davis  
Anna Vesala

**W**

The Waters Family  
Anne and Dale Watson  
Jen & Danny Way  
Phan-Weiland Family  
Ed Weiss  
White Family [KFTS]  
The Whiting Family  
Teri Wiart  
Stephen Wik and Family  
Martin Willms  
The Wilson Family  
Gary Winthrop & Kelly Harrison  
Kelli-Lyn Wolcoski

**Y**

D. Young  
Kevin Yuskiw

**Z**

The Zaraskas



## Stonemill Bakehouse: People, Planet and Prosperity

Those are the core values of Stonemill Bakehouse, Canada's leading health and wellness bakery. Stonemill president, Gottfried Boehringer, flipped the ceremonial switch to green power in June 2008. The company's announcement heralded an 8-point roadmap that will lessen the environmental footprint of its Scarborough, Ontario, location. Being the first bakery in Toronto to source clean, renewable Bullfrog Power was just one part of that plan.

After commissioning and analyzing the results of an environmental impact study completed in 2007, the company, known for its unique and healthy breads, made a variety of changes to enhance its operation's energy efficiency and waste recovery systems. Along with low-wattage lighting and equipment, efficient water usage, aggressive recycling and use of phosphate-free chemicals, the innovative bakery began a search for local Ontario farmers to grow its grains using low-impact and organic techniques.

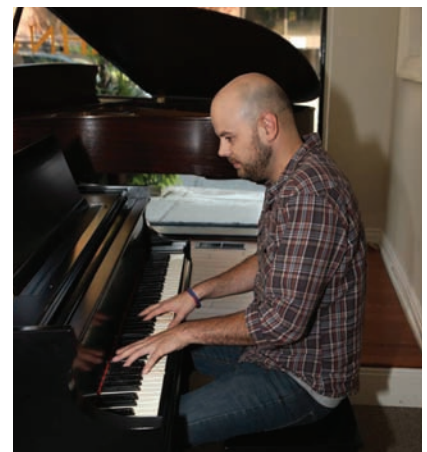
Elements of the above activities have led to a 12 per cent reduction in electricity consumption and a 50 per cent reduction in waste production over the past year. "We are committed to developing breads that are as good for the environment as they are for our customers," says Boehringer.

[www.stonemillbakehouse.com](http://www.stonemillbakehouse.com)



*in your own words...*

Paul Hahn & Co. is Toronto's oldest piano store, and we deal exclusively in restored vintage instruments, particularly Steinway and Heintzman pianos made during the industry's golden era. It occurred to us last year that restoring older instruments is an environmentally friendly activity. When one considers the number and amount of resources required to manufacture a piano, and the toxic products and processes often used to produce the less expensive models, the argument in favour of restoring older instruments is hard to refute. We started to examine other ways to green our business, and discovered Bullfrog Power. Paul Hahn & Co. continues to look for ways to become even more environmentally responsible and powering our workshop, office and showroom with green energy is a great foundation for this effort. We take pride in our ability to provide high quality products and services to our customers and do it in a responsible way.



*Photo courtesy of James Ramsay*

**Jeremy Elliott, CSP**

Sales Manager  
Paul Hahn & Co.

[www.paulhahn.com](http://www.paulhahn.com)



Here are just a few of the many organizations that have made the switch to Bullfrog Power since our last newsletter. Bullfrog Power thanks all of its customers for their support.

bulletins

#### **Fifth Town Artisan Cheese**

The Fifth Town Artisan Cheese Company is a producer of handmade cheeses. Fifth Town uses fresh, locally sourced goat and sheep milk and is the only LEED®-certified dairy in North America. Fifth Town was built using local and reclaimed construction materials and the dairy incorporates a number of sustainable design features, including rainwater reuse, geothermal heating and cooling and a wetland system for wastewater treatment. The facility generates its own electricity through a wind turbine and solar panel array, and is bullfrogpowered for all of the electricity sourced from the provincial grid.

[www.fifthtown.ca](http://www.fifthtown.ca)



#### **Roasting a greener cup of coffee**

Founded in 1996, Reunion Island Coffee Co. is a wholesale specialty coffee roaster with a focus on high-grown, gourmet and sustainable coffees. Reunion Island participates in direct trade relationships and partnerships with Rainforest Alliance and co-op organizations. In addition to bullfrogpowering its operations, Reunion Island's sustainability initiatives include instituting a recycling program at its roasting facility, printing marketing materials on recycled paper and purchasing carbon offsets for all deliveries in the Greater Toronto Area. The company has increased purchases of organic and Rainforest Alliance coffees, introduced an organic tea line and created an environmental incentive program for employees and customers.

[www.reunionislandcoffee.com](http://www.reunionislandcoffee.com)



#### **InterfaceFLOR**

InterfaceFLOR, a modular carpet manufacturer, has become a leader in environmentally sustainable products and manufacturing. Interface's commitment to eliminate its negative environmental impact by 2020 – dubbed Mission Zero – encompasses a wide variety of initiatives. From developing innovative production equipment to reusing or recycling returned samples, Interface is reducing the amount of material waste it produces. To minimize its contribution to climate change, InterfaceFLOR Canada has reduced its energy consumption per product unit by over 70 per cent and has bullfrogpowered its Toronto showroom.

[www.interfaceflooring.com](http://www.interfaceflooring.com)

*Interface* **FLOR**







### Burt's Bees Canada

Burt's Bees has created bath and body products with human and environmental health in mind for nearly 20 years. To Burt's Bees, natural ingredients are those "that come from a purposeful, renewable/plentiful source found in nature (flora, fauna, mineral)." The organization's green ideals extend to its packaging and operations as well: its 2020 Sustainability Goals include using 100 per cent post-consumer recycled or biodegradable packaging, reducing land-fill waste to zero and using 100 per cent renewable energy.

[www.burtsbees.ca](http://www.burtsbees.ca)



### Sims Recycling Solutions Canada

Sims Recycling Solutions offers a host of services for recovery, recycling and remarketing of commercial waste materials. The Recycling Solutions division of Sims Group was created to prevent hazardous electronic products from being disposed of irresponsibly. The division focuses on minimizing product lifecycle costs, controlling toxicity, sustaining resources and reducing its global carbon footprint. Sims Group's Canadian offices and warehouse, in Brampton, Ontario, are bullfrogpowered.

[www.sims-group.com](http://www.sims-group.com)



### Bo Béb 

Bo B b  offers eco-friendly parenting products including organic diapers and wraps, toys, blankets, bedding and clothing. The retail store location was built with reclaimed wood products and used low VOC paints. The store's wood flooring is made from 90 per cent post-consumer recycled goods. Bo B b  has bullfrogpowered its Stewart Green location in Calgary, Alberta.

[www.bobebe.com](http://www.bobebe.com)



## did you know?

Did you know that 2008 — a leap year — is the "Year of the Frog?" The designation signals a worldwide awareness campaign by the International Union for the Conservation and Nature and Natural Resources (IUCN) and the World Association of Zoos and Aquariums (WAZA) to preserve amphibian wildlife and prevent the extinction of amphibian species. A number of environmental factors are threatening these valuable creatures, including climate change, pollution, and habitat loss. Most alarming, perhaps, is a fungal disease called Chytridiomycosis, which has affected approximately 30 per cent of the world's amphibians and has a 100 per cent mortality rate among some amphibian species.

Here in Canada, a number of projects have been implemented for this campaign. Parks Canada has partnered with private landowners to restore the northern leopard frog to Waterton Lakes National Park in Alberta. Ontario and Quebec have enacted bans on pesticides that are harmful to frogs and other wildlife.

For more information, please visit [www.yearofthefrog.org](http://www.yearofthefrog.org)





## EnWise Power Solutions and Bullfrog Power make it easier to go green at home

EnWise Power Solutions is an affordable one-stop shop providing energy solutions that improve a home's efficiency and comfort. EnWise helps homeowners save money on energy bills and reduce their environmental impact. The organization conducts home energy assessments, sells and installs a wide range of energy-efficiency products, offers affordable financing options, and facilitates access to the \$10,000 available in government grants and rebates through EnWise Building Science.

EnWise is offering new and existing residential Bullfrog Power customers in the GTA and select parts of Southern Ontario \$150 toward the purchase of energy efficient products and services sold and installed by them.

[www.enwisepower.com](http://www.enwisepower.com)  
[www.bullfrogpower.com/enwise](http://www.bullfrogpower.com/enwise)



### Vento Condominium Corporation

The Vento Condominium features 20 townhouse-style residential units located above retail stores, with extensive green space including a common area terrace and rooftop patios. Vento achieved LEED® Platinum Certified status through various green features, including the use of stormwater in landscaping and toilets as well as heat recovery units. Units have radiant floor heating, dual-flush toilets and 100 per cent recycled countertops. Vento residences are designed to use approximately half the amount of water and energy used by similar sized units. The Vento's common areas are bullfrogpowered.

### PCL Family of Companies

The PCL Centennial Learning Centre in Edmonton, Alberta, is the focal point of the North American contracting organization's headquarters. The structure is LEED® Gold Certified and is the first private sector building in Alberta to achieve this certification. Sustainable design innovations include solar driven natural ventilation, geo-thermal pre-tempered fresh air for heating and cooling, water conservation and recycling and a high performance mechanically integrated building envelope. The building was constructed with environmentally sensitive materials with high recycled content. The PCL Centennial Learning Centre is bullfrogpowered.

[www.pcl.com](http://www.pcl.com)



### Sassafras

Sassafras is a fine dining restaurant located in the Yorkville area of Toronto that incorporates local, market-fresh ingredients in each of the dishes on its menu. The restaurant reopened last September after a massive fire destroyed most of the building in December 2006. Sassafras took the opportunity to incorporate a number of sustainable design features into the restoration process, including the installment of two vertical gardens. To recognize the firefighters who were quick to safely douse the flames during the fire, Sassafras now sponsors the Canadian Fallen Firefighters Foundations (CFFF). Other community relations initiatives include a partnership with Women Against Multiple Sclerosis (WAMS). The restaurant is bullfrogpowered.



[www.sassafras.ca](http://www.sassafras.ca)



### Hyatt Regency Calgary

Hyatt Regency Calgary is located in the heart of downtown Calgary. The hotel recently began using 100 per cent post-consumer recycled paper for print collateral and hotel stationery and has bullfrogpowered its meeting and function space, gym facilities and pool areas.

[www.hyattregencycalgary.com](http://www.hyattregencycalgary.com)



### Stillwater Spa

Located in Calgary, Stillwater Spa is a place of relaxation and retreat, offering body wraps, facials and massages.

[www.stillwaterspa.com](http://www.stillwaterspa.com)



### Catch Restaurant & Oyster Bar

Featuring Jet Fresh seafood delivered daily, this restaurant works with the Vancouver Aquarium Ocean Wise program to ensure it purchases sustainable and ocean-friendly seafood.

[www.catchrestaurant.ca](http://www.catchrestaurant.ca)



### South-East Ottawa Community Health Centre

South-East Ottawa Community Health Centre (SEOCHC) provides health, social and community services to everyone, but particularly to people with barriers to access living in South-East Ottawa including seniors, youth, families and individuals with low incomes, and multicultural communities. Much of the centre's work is delivered off site in Ottawa Community Housing neighbourhoods and in the homes of isolated seniors and families with young children. SEOCHC staff, like the communities they serve, are diverse, representing 29 different ethnic backgrounds. The centre has long-standing relationships with over 80 community partners. SEOCHC services include primary care, health promotion, education, counseling, early child development and wellness services, all delivered via an interdisciplinary team of health care professionals.

[www.seochc.on.ca](http://www.seochc.on.ca)



### BLJC

BLJC, a Toronto-based integrated real estate management services organization, recently bullfrogpowered its corporate offices in Markham and Kanata, Ontario. As part of its sustainability strategy, BLJC is demonstrating that it is committed to reducing its corporate environmental impact as well as that of its clients. BLJC hopes to lead the industry in applying the living building concept to corporate real estate portfolios through innovative energy and greenhouse gas reduction strategies as part of the services offered to its clients.

[www.bljc.com](http://www.bljc.com)



Optimizing your workplace



*BLJC President Gord Hicks and Bullfrog President Tom Heintzman at BLJC's bullfrogpowered company picnic.*



## Ontario contracts for 1,100 MW of small renewable generation



During the first 14 months of providing Standard Offer contracts, the Ontario Power Authority (OPA) has contracted for over 1,100 megawatts of small renewable generation. Most is from wind generation (59.3 per cent) and solar (28.7 per cent). The power contracted under the Standard Offer program is used to help increase the percentage of new renewable power in the province on behalf of all ratepayers. Bullfrog's new generation facilities are incremental to these

projects being contracted for by the OPA.

## Poll shows majority of Ontarians expect renewable energy by 2018

Poll results released in June by OSEA (Ontario Sustainable Energy Association) at the World Wind Energy Conference 2008 indicate that a majority of Ontarians anticipate getting their power from renewable sources by 2018. According to the results, 49 per cent of respondents indicated that they would like to see renewable energy account for 74 per cent of Ontario's total electricity production. Similarly, 70 per cent of respondents stated that they believe that at least 50 per cent of Ontario's electricity generation should be produced by renewables by 2018.

## Ontario Government rules out Lakeview site for electricity plant

In July 2008, the Ontario government announced that Lakeview's future in electricity generation is over. The former Lakeview Generating Station, which operated on the waterfront of Lake Ontario in Mississauga, was closed in 2005 as part of the government's plan to phase out coal-fired generation. The Ministry of Energy and Infrastructure plans to replace the coal plant with a combined-cycle natural gas plant of about 850 megawatts in the area.

## Wind power development proposals identified in Alberta

The Alberta Electricity System Operator (AESO) has identified current and future proposals for a significant increase in power generation projects throughout southern Alberta, including substantial wind power development. The AESO is currently investigating the need to reinforce the transmission system so that these generation projects can be connected reliably to the provincial grid.

## Western Climate Initiative Update

### > Ontario joins WCI

Ontario joined the Western Climate Initiative (WCI) as its newest partner in July 2008. The WCI comprises seven US States (Arizona, California, Montana, New Mexico, Oregon, Utah and Washington) and four Canadian provinces (British Columbia, Manitoba, Quebec and Ontario). The WCI was launched in 2007 to develop regional strategies to address climate change, including reducing greenhouse gases. The WCI's regional greenhouse gas emission reduction goal is an aggregate reduction of 15 per cent below 2005 levels by 2020. With Ontario's participation, WCI now represents approximately 73 per cent of Canada's economy and 20 per cent of America's economy.

### > WCI releases draft design for cap-and-trade program

As part of its efforts to reduce greenhouse gases, WCI also released its draft design for a cap-and-trade program in July, with further revisions released in September. Under a cap-and-trade program, a cap is set to bring down greenhouse gases (GHG). To meet the cap, emitters must then cut their pollution or purchase credits from other emitters that have reduced pollution beyond the required amount. Facilities or entities that emit 25,000 metric tonnes of carbon dioxide equivalents (CO<sub>2</sub>e) annually would fall under the obligations of the cap-and-trade program. Under the draft design, mandatory measurement, monitoring, and reporting for all six greenhouse gases (GHGs) would begin in January 2010, reporting of 2010 emissions would begin in early 2011 and the cap-and-trade program is expected to launch January 1, 2012. Over the next year, WCI subcommittees will be further developing the detailed criteria to move toward reporting and implementation of the program.

### > Bullfrog Power and WCI

In August 2008, Bullfrog Power submitted comments on the WCI draft cap-and-trade design. Bullfrog's comments were focused on ensuring the integration of renewable electricity and associated environmental attributes into the design of the WCI cap-and-trade program. (Environmental attributes are the benefits that result from the generation of renewable electricity, such as avoided emissions of pollutants and reduction of impacts on plant and animal ecosystems.) Bullfrog called for WCI Partners to be obligated to retire environmental attributes, so as not be resold, in order for the electricity to qualify as renewable electricity and to make any related environmental claims. Bullfrog also called for a comprehensive emission reporting system and a registry system for renewable electricity, environmental attributes and offsets to ensure the integrity of the system and prevent electricity claims from being double counted. Bullfrog will continue to participate as a stakeholder in the development of the cap-and-trade program as it progresses over the next year.

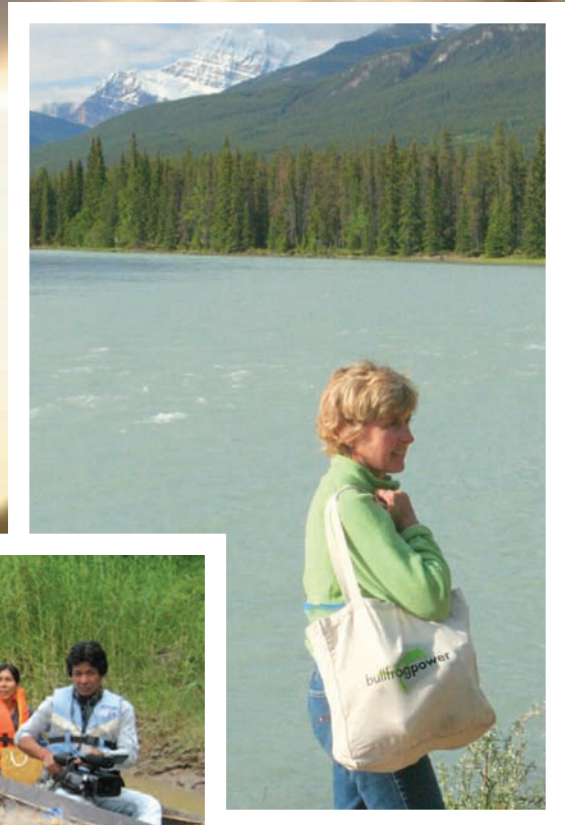




# bullfrog sightings

Send us a photo of you and your friends or family getting out and about in your Bullfrog gear and you could make an appearance in one of our newsletters.

Email your snap to  
buzz@bullfrogpower.com



*Oxanna Adams hikes in Jasper, Alberta. Pictured behind her are Mt. Edith Cavell and the Athabaska River.*



*In June, Jay Mowat, of Erin, Ontario, spent four weeks teaching Indochinese journalists how to shoot documentary video. "Our subject was the environmental problems caused by intense economic development on the Mekong River. Here we're about to be taken out on traditional Thai fishing skiffs on the Mekong in Northern Thailand to watch the fishermen cast their nets."*

## About Bullfrog Power

Bullfrog Power is a leading provider of 100 per cent green electricity. Founded in 2005, Bullfrog provides homes and businesses in Alberta and Ontario with an easy way to go green and help create a cleaner, healthier environment for future generations. All of Bullfrog's power comes from EcoLogo<sup>®</sup>-certified renewable sources such as wind power and low-impact water power.



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