

First we take a look back!

The summer of 2014 was a busy one...



7 World Trade Center

In June, Firefly was invited by the Energy Solutions Forum to the New York Energy Week *Startups Showcase*. The event was held at the New York Academy of Sciences on the 40th floor of the stunning World Trade Center. It was a fantastic event and an opportunity for Firefly to showcase our technology in the poster presentation. Our team loved being in New York City.

In August, Co-founders Janet and Peter were semifinalists in the *CleantechOpen*, the world's largest clean tech accelerator. They took part in the 2014 East Coast Academy at Barnard College in New York.

It was a fun and fantastic learning and networking opportunity!

The team also participated in the *Regional Innovation Summit* in Washington, DC and enjoyed a welcome reception at the *Torpedo Factory Art Center* on Alexandria's beautiful waterfront. The Summit wrapped up with a Gala dinner at the US Patent & Trademark Office.



Honorable Bill Euille, Mayor of Alexandria,
with Co-founder Peter

Field Installation & Testing Update



FireflyPower field installation at Oak Ridges Moraine

The FireflyPower field installation is installed with approval from Caledon Town Council, and [Oak Ridges Moraine trust](#). We have wrapped up testing of our smaller turbine, and the real time performance metrics are being analyzed by our engineers. We are so excited that the turbine performed better than our design specs by nearly 25%! We easily saw 300+RPM and even 365+RPM in wind speeds less than 30mph. The turbine is most efficient, with optimal power co-efficiency in wind speeds of 5-15 mph. February was the coldest on record and our turbine performed beautifully.

The smaller turbine has been taken down and we are now installing a larger turbine. The performance data exceeded our design specs by almost 25%! and we anticipate the data from the larger turbine will be even better! Stay tuned!

Wrapping up 2014 with *Habitat for Humanity!*

During the 2014 holiday season our team was thrilled to participate once again in Habitat for Humanity's Gingerbread Build. Funds raised from this event went directly to building safer Habitat homes for hardworking families living in need. Our team left the build feeling inspired and we are looking forward to participating in future fund-raising events with this amazing organization.

Comings and Goings

It has been bittersweet for the Firefly Team. Sarah Glover, our fantastic Director of Social Media has moved to London, England to pursue other interests. Sarah successfully grew our *Twitter*, *Facebook* and *LinkedIn* communities, and even though we are sad to see her go and miss her effervescence and enthusiasm, we wish her well!



Happy travels Sarah!

We are very excited that Quinn Mulligan has joined the Firefly team!

Quinn is a graduate of Carlton University, earning a B.Eng. with High Distinction in Aerospace Engineering. Then, as a Research Fellow at the *Caltech Center for Bioinspired Engineering*, Quinn worked on a vertical axis turbine wind farming project. He brings a love of vertical axis wind turbines and modelling experience and is already hard at work, analyzing the performance data and scaling our technology.



The Firefly Team fostered a tiny elephant named *Ashaka*, through the *David Sheldrick Wildlife Trust*. This tiny girl was found abandoned, stuck in a watering hole and thought to be only three weeks old! Ashaka loves her companions and mud baths too and is full of energy!

Ashaka is a wonderful addition to the Firefly family!

Hello Ashaka!

Upcoming Events

We are planning a visit to our Charleston office, and in early May we will be grabbing our shovels and heading to Elmvale, Ontario for more tree planting! Be sure to visit [The Firefly Power website](#) where you will find info, updates and news: You will also find links to the Firefly Power Twitter, Facebook and LinkedIn pages.

Kindest regards,

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