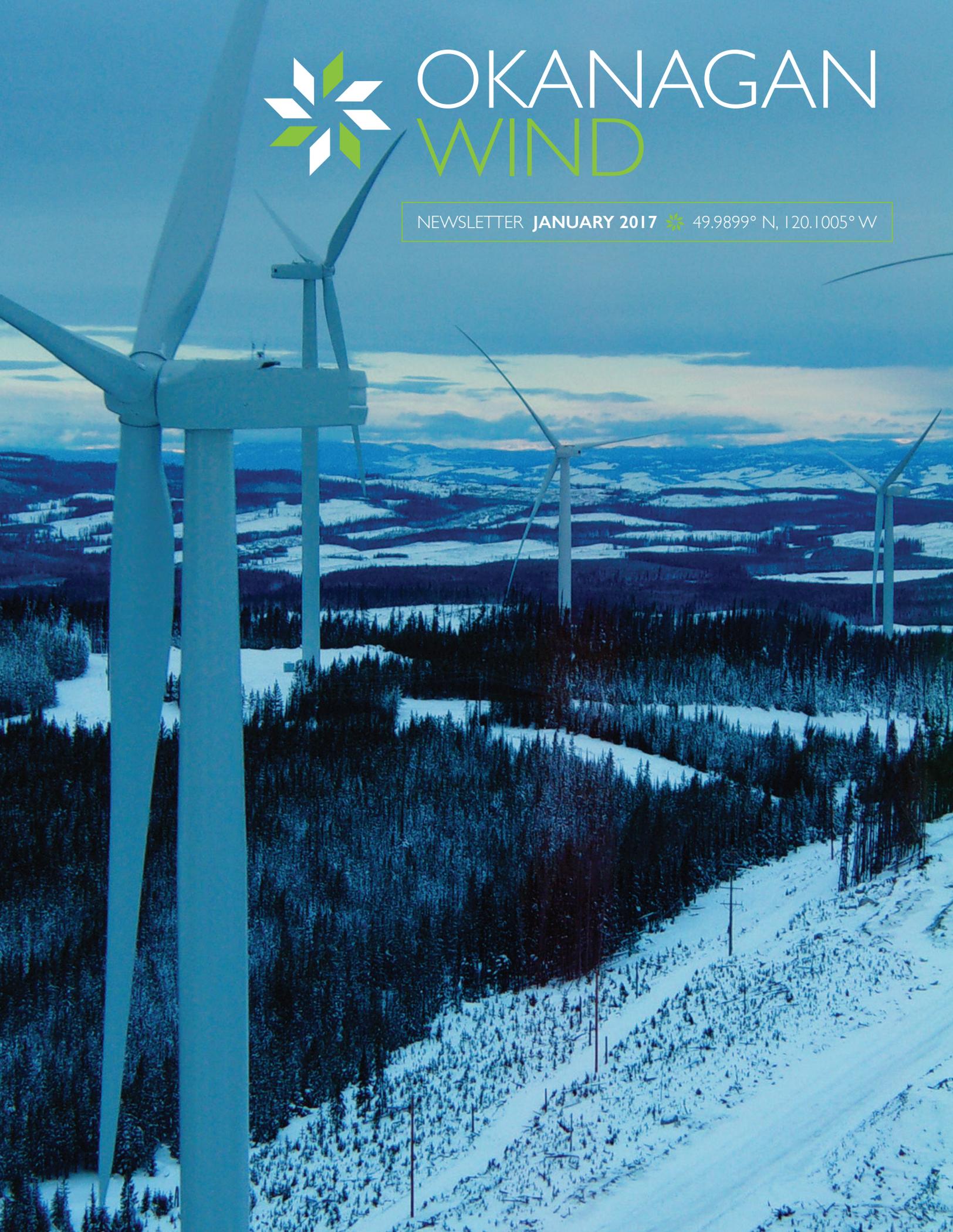


# OKANAGAN WIND

NEWSLETTER **JANUARY 2017** ✨ 49.9899° N, 120.1005° W



# Welcome to Okanagan Wind

The first wind power facilities in the Okanagan region of British Columbia. Located on Crown land, the projects are being developed in collaboration with the Upper Nicola Band, Westbank First Nation and the Penticton Indian Band.

Once operational, the Okanagan Wind projects will represent approximately 6% of British Columbia's installed wind capacity, helping to green the province's electricity grid.

The Okanagan Wind projects were developed by Zero Emission Energy Developments, Inc. and are sponsored by InstarAGF Asset Management Inc., a Canadian-based owner and operator of essential infrastructure assets.

Our mission is to deliver clean electricity as safely and efficiently as possible, with maximum value to our stakeholders and the local economy.

49.9899° N, 120.1005° W



**TOTAL INSTALLED CAPACITY WILL BE 30 MEGAWATTS**



**ELECTRICITY WILL BE SOLD TO BC HYDRO UNDER A 40-YEAR PURCHASE AGREEMENT**



**THE PROJECTS ARE EXPECTED TO BE OPERATIONAL IN EARLY 2017**



**THE 10 SENVION TURBINES WILL HAVE A HUB HEIGHT OF 100 METRES**



**THE FACILITIES ARE EXPECTED TO GENERATE APPROXIMATELY 100,000 MWH ANNUALLY: ENOUGH ELECTRICITY TO POWER THE EQUIVALENT OF APPROXIMATELY 9,000 HOMES**



### Turbines spinning at Pennask

Final steps are underway for all ten wind turbines at Pennask and Shinish to become operational. This month's focus was on the commissioning of electrical equipment and wind turbine generators. This involves checking all wiring and computer controls for both the substation and turbines.

As final testing is completed the turbine blades will be rotating and producing electricity – people travelling on Highway 97C west of Pennask Summit will be able to spot them in action!

### Green energy for the BC Hydro grid

The countdown is on: wind turbines at Pennask and Shinish will become operational over the next month. After final system testing, the turbines will provide electricity for BC Hydro under a 40-year electricity purchase agreement. With a total installed capacity of 30 megawatts, the facilities are expected to generate approximately 100,000 MWh annually: enough electricity to power the equivalent of approximately 9,000 homes.

### Okanagan's wind project

This exciting final step in development reflects the tremendous effort, work and local collaboration that has gone into these facilities over the past nine months of construction. Much of the work to prepare the sites and commission the turbines is being carried out by local firms, and over the course of construction approximately \$20 million of investment was made in the local community. Once operational, the wind projects will employ five to seven people on a full-time basis. Wind projects are designed to last for 25 years and longer, contributing much-needed electricity supply as well as environmental benefits. We look forward to being a green part of the community for decades to come.

### Did You Know?

- + Unlike thermal sources of electricity production, such as coal or nuclear power, wind turbines generate electricity without consuming or contaminating fresh water, or depleting natural resources
- + At 30 MW, the Okanagan Wind facilities will reduce BC's greenhouse emissions by 60,000 tonnes a year – the equivalent of taking 12,000 cars off the road
- + BC currently has about 489 MW of installed wind power capacity, representing about 1.6% of electricity demand  
[SOURCE: Canadian Wind Energy Association]
- + Between 15,000-17,000 additional jobs could be created if the \$1.3 billion taxpayer subsidies currently provided to the oil industry were invested in renewable energy or energy efficiency [SOURCE: Blue Green Canada]



CONTACT:

**Brian Arsenault**

Owner's Construction Manager,  
Okanagan Wind  
Mobile: 1.587.432.6244  
brian.arsenault@instaragfwind.com

For more information on the Okanagan  
Wind projects or to learn more about  
the benefits of wind energy, please visit  
[okanaganwind.ca](http://okanaganwind.ca)

