YOUR LOCAL DEVELOPER
Alberta Wind Energy Corporation (“AWEC”) was formed in 2003 to develop independent wind farm projects. The Company is currently focused on developing several sites, taking a staged approach to power generation and shareholder value creation.

To date, AWEC has raised privately approximately $15,000,000 of equity and convertible debentures and currently has approximately 6 million shares outstanding.

AWEC has partnered with large international renewable energy developers on numerous projects at various stages of development. More recently, AWEC and Boralex created the Alberta Renewable Power Limited Partnership (AR-PLP), a limited partnership between the two companies to develop AWEC’s portfolio.

Alberta Wind Energy Corporation is a member of the Canadian Wind Energy Association (CANWEA) and is active in supporting the wind and solar industries across Canada.

**Mission**
*To ensure renewable energy for future generations*

**Vision**
*To create stakeholder value through the development of Canada’s world-class renewable resources*
Chief Executive Officer & Director
Stewart Duncan

From 1997 to 2005, Mr. Duncan operated Stewart Duncan Consulting providing corporate development services, managing acquisitions and sales in the multi million dollar ranges, due diligence assignments, arranging private financings, corporate re-structuring, and completion of industry studies. From 1993 to 1997 he was President and a Director of Jubilee Resources Inc, a public company listed on The Alberta Stock Exchange. Prior thereto, he had 17 years finance experience with a major Canadian Chartered Bank and also served as an officer and director of two other public companies, Twin Richfield Oils Ltd. and Lidco Industries Ltd. both listed on the Toronto Stock Exchange. Mr. Duncan attended the University of Manitoba and is a Graduate of the Banff School of Advanced Management.

President, CFO & Director
Marc Stachiw

Previous to joining Alberta Wind Energy, Mr. Stachiw was the Director of Business Development at a TSX listed renewable energy company, and played a key role in a $660 million hydroelectric project in British Columbia. From 2000 to 2004, Mr. Stachiw was involved in raising venture capital with several investment firms in Calgary. Mr. Stachiw holds a Masters Degree in Business Administration from the Haskayne School of Business, a Bachelors Degree from the University of Saskatchewan and is a CFA Charterholder.

Project Lead
Trevor Edwards

An Honours Business graduate from Trinity Western University, Trevor has spent time in the construction, agricultural, financial and Oil & Gas industries both locally and abroad. Trevor continues to be enthused about the vast potential of renewable energy in Canada.
Jody Rizzoli
Chairman of the Board

Mr. Rizzoli is a founding Director and past President of Alberta Wind Energy Corporation. From 1990 until present, Mr. Rizzoli has been employed at Alberta Newsprint Company. During the Government of Alberta’s Deregulation of the Alberta Power Pool, he was a leading member of a team that took part in the auction. Mr. Rizzoli was instrumental in acquiring seven land contracts in the Pincher Creek area and was involved heavily with public relations. Mr. Rizzoli is also a director and major partner in two other private companies.

Russ Edwards
Independent Director

Mr. Edwards is a Chartered Accountant (1980 Saskatchewan) whose business career focuses on providing investment capital to emerging companies in oil & gas production, oil & gas services, mining, biotech and real estate industries.

Duncan McCowan
Independent Director

A professional geologist, Mr. McCowan is currently President of McCowan Exploration Management Ltd., a management consulting firm specializing in oil & gas ventures. He is also Chairman and CEO of Winter Petroleum Ltd., a privately owned exploration company.

He received a B Sc. (Specialization in Geology) from the University of Alberta in 1972. Mr. McCowan has a history of being associated with the growth of successful oil and gas companies, in both technical and managerial capacities. These companies include: Canadian Hunter Exploration, Flame Oil & Gas Ltd., Opinac Exploration, Tarragon Oil & Gas Ltd. (subsequently Marathon Canada) and was a founder of Atlas Energy Ltd.

He is also a major shareholder, owner, and Director of Hillside Estate Winery in Penticton B.C. Mr. McCowan has Professional memberships in APFGGA (P. Geol), AAPG, CSPG.

Stewart Duncan
CEO & Director

Marc Stachiw
President, CFO & Director
Experience

- Extensive experience with governing bodies, AUC, landowners, municipalities, community associations, First Nations and other stakeholders
- 14 years of wind energy development experience in Canada
- Site identification and development expertise to deliver construction ready projects
- Growing project portfolio in wind and solar power
- Health and safety policies established with each project
- Credible, trustworthy and reputable partner
Originator
Developer
Regulatory Specialist
Marketer
Operator

Your feet on the ground.
A wind project typically takes between 3-5 years to develop with a life expectancy of 25+ years.

**DEVELOPMENT PERIOD**

- **WIND STUDIES & LAND CONTROL**
  - Land lease engagement and wind studies begin

- **FURTHER SITE STUDIES & PERMITTING**
  - Including: environmental, interconnection, visual, noise & archeology
  - Community engagement

- **PLANNING**
  - Turbine & substation layout, turbine efficiency, wind farm requirements

- **REGULATORY APPROVALS**
  - AESO
  - AUC
  - AEP
  - Federal
  - Municipal
Unknown to most is that Canada's renewable resources have been touted as some of the best on the planet. Closer to home, Alberta has been recognized as having world-class wind resources. To that point, demand for electricity continues to increase and the costs to build and develop renewable energy continues to decline, thus making wind development competitive with other forms of generation.

**O&M PERIOD**

- Access roads
- Foundation
- Electrical
- Turbine erection
- Maintenance
- Decommissioning or repowering (replace turbines)
Recently, Alberta’s Government has enacted a renewable energy program (REP) which is set to contract 5,000MW of renewable energy by 2030.

Other Opportunities:

Facilities emitting over 100,000 tonnes of greenhouse gases are expected to reduce emissions by 20% by 2017.

Four options to reduce these emissions:
1. Improve operations
2. Use emissions performance credits
3. Contribute to the climate change and emissions management fund
4. Purchase Alberta carbon credits from wind or other renewable energy projects

2015 - $15 for every tonne over facilities reduction target
2016 - $20 for every tonne over facilities reduction target
2017 - $30 for every tonne over facilities reduction target

* The demand for electricity in Alberta continues to rise as record high use is seen across the province. The Oil sands and potential for LNG projects in the surrounding area will need power and carbon credits to offset their emissions.

* Coal generating facilities represent 60% of our electrical capacity. Many of these plants are due to shut down in the next few years creating new demand to fill the gap. The cost of wind farms also continue to decrease creating a number of desirable investment opportunities within renewable energy.
Powering demand with renewable resources.
Oyen Sharp Hills Wind Farm
Sedalia, AB
Ownership: Recently sold to EDPR. ARP LP retains an interest in the project.
Capacity: 300MW
Stage: 3

Pincher Creek Windy Point Wind Farm
Pincher Creek, AB
Ownership: ARP LP
Capacity: 51MW
Stage: 4

Oldman 1 Wind Farm
Pincher Creek, AB
Ownership: ARP LP
Capacity: 3.6MW
Stage: Operating

Old Elm & Pothole Creek
Magrath, AB
Ownership: ARP LP
Capacity: 300MW
Phase 1: 60MW
Stage: 3

Sharp Hills Wind Farm
Sedalia, AB
Ownership: Recently sold to EDPR. ARP LP retains an interest in the project.
Capacity: 300MW
Stage: 3
Sharp Hills Wind Farm
The Sharp Hills Project is a mid stage development project which was originated by A WEC, and later sold in 2015 to EDPR with ARPLP still maintaining an interest in the project. The project was successful in securing a 20 year contract within Alberta’s REP 1 competition for 250MW and is expected to be in operation by the end of 2019. More specifically the project site lies north of Oyen, Alberta in an area that appears to be very conducive to wind power development. Wind measurement studies commenced in late 2011 while AESO interconnection studies and permitting activities are currently underway.

A newly built 240kV transmission line runs through the project site with potential capacity for a 300 MW wind farm. Environmental studies and permitting activities are expected to be completed in 2017.

Old Elm & Pothole Creek Wind Farm
The Old Elm & Pothole Creek Project, located 10 km south of the town of Magrath, Alberta, consists of privately owned farmland leased in 2009. Meteorological testing of the site began in early 2010 with very encouraging wind resource measurements to date. The project is being developed by the Alberta Renewable Power Limited Partnership (ARPLP). It is currently rated at 60MW but may support up to a 300 MW wind park once suitable transmission infrastructure is completed in the area. The Old Elm & Pothole Creek project is at Gate 3 in the AESO approval process, working on finalizing a transmission connection.

Windy Point Wind Farm
The 51 MW Windy Point project will be constructed on a contiguous 1920 acres of private farmland currently under long term lease. This project is located immediately north of the Oldman Phase 2 Project site. Wind testing on the site commenced January, 2006 and, to date, the measured wind resource supports the development of the project. The Windy Point project currently has a development permit from the Municipality of Pincher Creek and provincial authorization from the Alberta Utilities Commission. The Windy Point project is being developed by ARPLP.

Oldman 1 Wind Farm
Phase One of the Oldman Project consists of two Vestas V80 turbines with an installed capacity of 3.6 MW. The two turbines have been in operation since March 2007. Interconnection of the project is through the Fortis Alberta distribution grid. Capacity factors for the project have been in the high 30% range since the beginning of operation. The project was completed by and AWEC and currently owned by ARPLP. It is operated by TransAlta Power Corporation and serviced/maintained by Vestas.

Oldman 2 Wind Farm
The 46 MW Oldman Phase 2 project operates on 1600 (648 Hectares) of private farmland currently under long term lease. Construction of the project began in September 2013 and commercial operation began in September 2014. The project was originated by AWEC in 2005. From 2009 to 2013, the Project was co-developed with our joint venture partner, Mainstream Renewable Power. AWEC subsequently sold it’s interest in the project to Mainstream in 2013. Oldman 2 transferred ownership to the IKEA group upon COD in September 2014.

Future Prospects
AWEC continues to be proactive in searching for sustainable renewable energy projects. We have several early stage wind and solar development projects underway and continue to grow our portfolio both in Alberta and Saskatchewan.
Wind Development

OPTIONS

OWN PROJECT

JOINT VENTURE

ACQUIRE

PPA

BENEFITS

TAX DEDUCTIONS

GREEN THE GRID

GREEN IMAGE

OFFSET ELECTRICITY COSTS
Your wind developer.
See what we can do together.

www.albertawindenergy.com