

TSXV: WND, NASDAQ OTC: WNEF



# WESTERN WIND ENERGY

Presentation

July 2010





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Some statements contained in this presentation are forward-looking and, therefore, involve uncertainties or risks that could cause actual results to differ materially. Such forward looking statements include comments regarding operating performance, energy rates, expansion plans, efficiency, wind power and energy markets. Factors that could cause actual results to differ materially include price volatility of energy, fluctuations in wind power rates, difficulties with interconnection, variations in output, amounts and prices of the Company's energy output, engineering, technical, or operational problems and cost of wind turbines and construction. These and other factors are discussed in more detail in the Company's filings with the Securities and Exchange Commission. The Company disclaims any obligation to update forward-looking statements.





## Investment Highlights

- A California renewable energy production company - Generating revenue and positive cash flow from operations. Headquartered in Vancouver, Canada. Symbol “WND” on TSXV
- Geographic focus in California, Arizona, Ontario and Puerto Rico – best wind resource sites in the US at our California locations
- Current production: 34.5 MW
- 454 operating wind turbines in California, additional contracts for 131 MW
- 3,985 acres of 100% owned land – 58% zoned and permitted for wind energy projects. Access and rights to very important transmission
- 5,467 acres of additional land leases
- 66 additional sites pursued in California for wind and solar development
- Proven management team – pioneers of the US wind energy industry
- IPO at 35 cents in 2000 – July 29, 2010 share price = \$1.15. An CAGR of 12.6%



# Why Wind Energy?

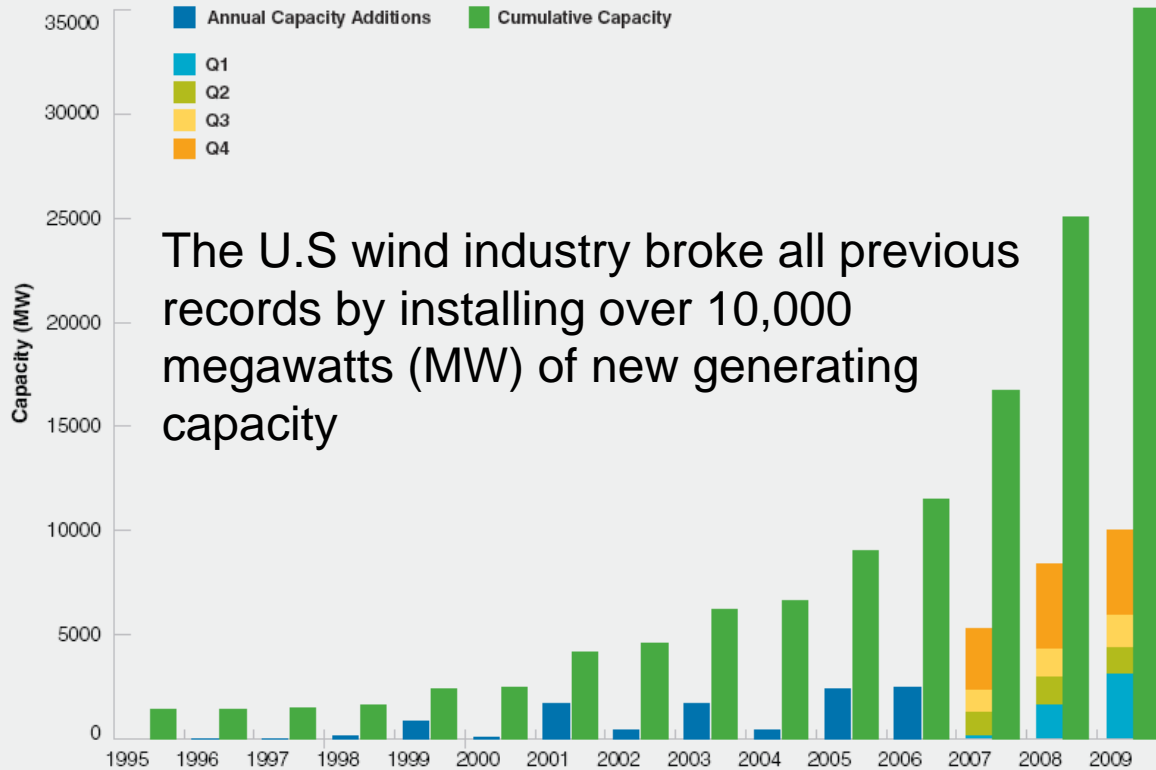
- For the past five years, wind power has been one of the largest new sources for electricity generating capacity<sup>2</sup>
- US installed 10,010 new MW in 2009 totaling over 35,000 MW of installed capacity.<sup>1</sup>
- No Carbon or toxic emissions. “Green”, renewable energy.
- No reliance on foreign fuel sources – energy independence
- Infinite fuel source – energy security
- Economic security – When oil peaked in 2008 at \$147 per barrel - the US exported over \$2 billion in cash every day for foreign fuel supplies mainly to challenging regions

<sup>1</sup> – Awea Year End 2009 Market Report -<http://www.awea.org/>

<sup>2</sup> – Awea U.S Wind Industry Annual Market Report Year Ending 2009 -<http://www.awea.org/>



# Why Wind Energy?



Year	Annual Capacity Additions (MW)	Cumulative Capacity (MW)
Through end 1995		1416
1996	1	1417
1997	17	1434
1998	140	1574
1999	819	2394
2000	67	2460
2001	1691	4151
2002	412	4563
2003	1670	6233
2004	397	6629
2005	2385	9014
2006	2462	11476
2007	5258	16725
2008	8366	25076
2009	10010	35086

Installation figures for years 2006 - 2009 (annual and cumulative) include capacity for installed turbines under 100 kW, whereas earlier years may not. The small wind report tracks sales of wind turbines 100-kW and below. The utility scale wind power projects database tracks turbine installations 100-kW and above. 100-kW turbine sales were subtracted from the small wind report total to avoid double counting. Data has changed slightly from the 2008 Wind Industry Report due to small decommissionings, changes in how the data was reported and other changes provided by companies.



# Fastest Growing Energy Source

- Estimated \$30 Billion US dollars of new wind energy related capital expenditures incurred in the US in 2009
- 1.8 % of US energy supply now comes from wind energy. New US administration is preparing incentives to grow this proportion.<sup>1</sup>
- In 2009, wind power provided 39% of all new generating capacity installed<sup>1</sup>
- 85,000 people employed in the US wind energy business<sup>1</sup>

<sup>1</sup> – Awea U.S Wind Industry Annual Market Report Year Ending 2009 -<http://www.awea.org/>



# Western Wind Share Structure(July 29, 2010)

- 52,600,552 shares issued and outstanding. Shares trade on the Toronto Venture Exchange. Symbol: WND
- 4,300,000 stock options with a weighted average price of \$1.37
- 4,224,808 warrants with a weighted average price of \$1.16
- Conversion of outstanding options and warrants would provide an additional \$10.7 million.



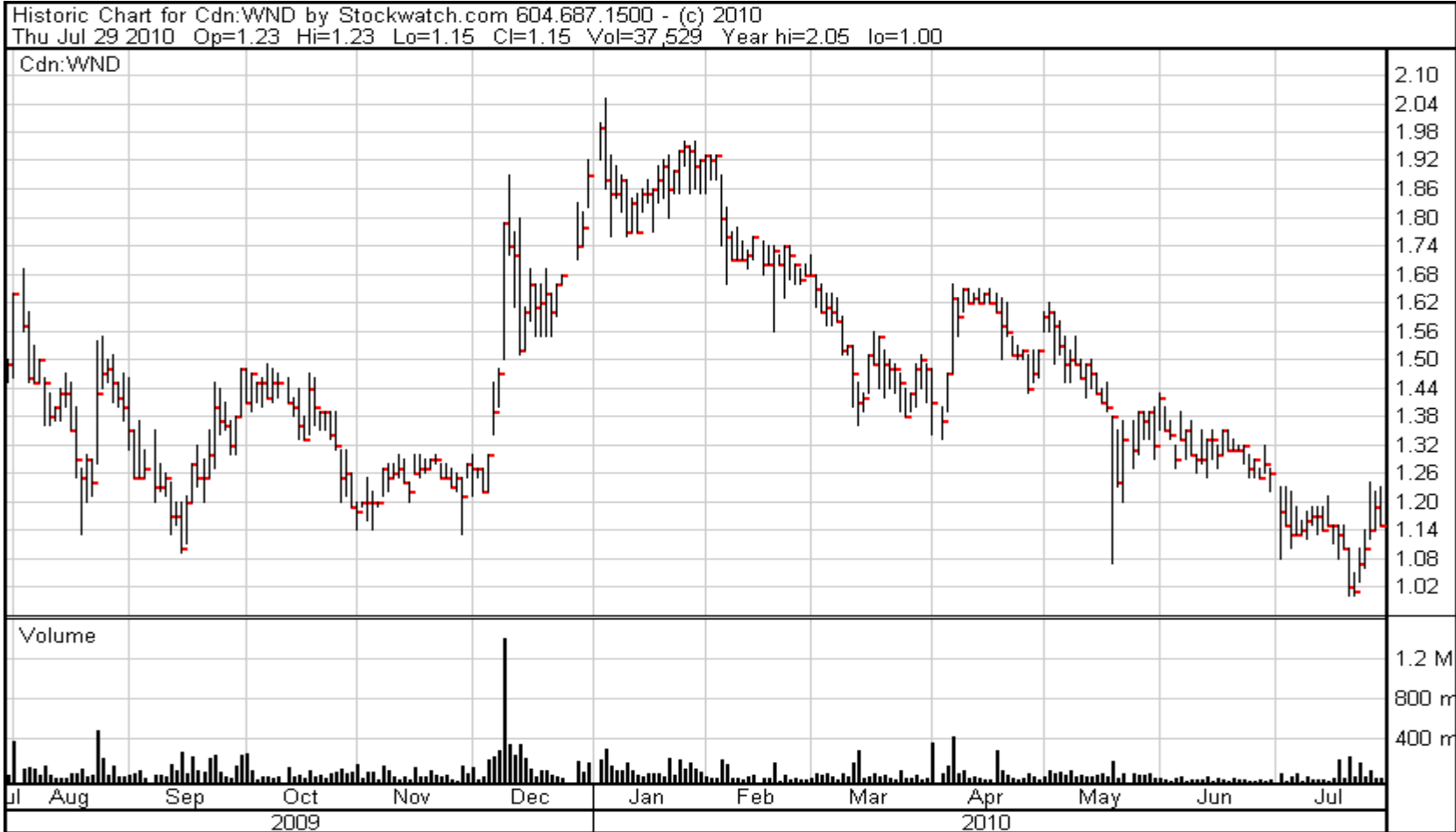
# Ownership

## **Largest shareholders:**

- Goodman & Company, Investment Counsel Ltd.
- 20% by insiders, families and close associates
- 45% of shares institutionally held, 55% retail
- 9,000 retail shareholders



# Stock Chart



[http://www.stockwatch.com/utilit/utilit\\_snapsh\\_result.aspx](http://www.stockwatch.com/utilit/utilit_snapsh_result.aspx)



# Producing assets and development projects in California and Arizona

<b>Name</b>	<b>Status</b>	<b>MW</b>	<b>acres</b>	<b>location</b>
<i>Mesa</i>	<i>Producing</i>	<b>30</b>	<b>440</b>	<b>California</b>
<i>Wind Ridge</i>	<i>Producing</i>	<b>4.5</b>	<b>191</b>	<b>California</b>
Windstar	Late-stage development	120	1,840	California
Barstow	Early-stage development	100	3,300	California
Reef City	Early-stage development	40	1,200	California
Steel Park	Late-stage development	7-11	1,110	Arizona
Windswept	Early-stage development	30	571	California
Howling Dog	Early-stage development	15	393	Arizona
Red Lake	Early-stage development	20	442	Arizona



## California Initiative

- Proprietary information on 66 wind energy site locations tested in California in early 1970's
- Information only available to Western Wind Energy Corp
- Acquired 4 sites in 2009
- Conducting environmental permitting through biological and archeological studies.
- Conducting meteorological testing confirming previous studies
- Largest initiative of its kind in California



# Puerto Rico Initiative

- Over 5,000 MW of fossil fuel generation facilities in the Commonwealth
- Highest standard of living in Caribbean Region
- Largest Economy in Caribbean – 4,500,000 residents
- 67% of electrical energy derived from Crude Oil
- Very challenging land availability making it attractive for multiple small scale projects. 300 MW of potential for WND.
- Supportive political and regulatory framework
- Very high electrical power rates, US\$ 0.29 per kwh
- Robust grid structure

# Property Locations

Windstar Project  
Tehachapi, CA (120 MW)  
(the largest wind park in the U.S.)

Windswept Project (30 MW)  
Tehachapi, CA

Barstow, CA (100 MW)

Windridge (4.5 MW)  
Tehachapi, CA

Mesa (30 MW)  
Palm Springs, CA

Steel Park Project (7-11 MW)  
Kingman, AZ



Puerto Rico (30MW)

- ★ Producing Projects
- ★ Projects in Development

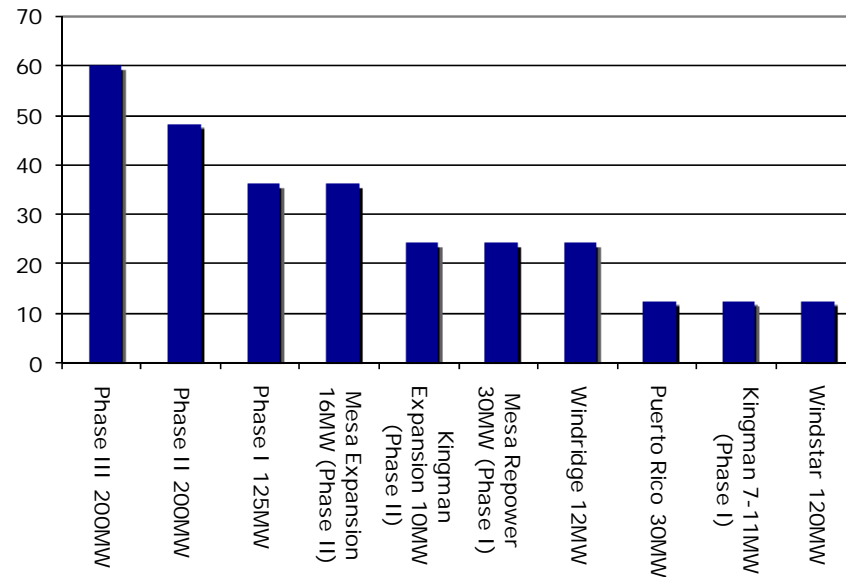


# Five Year Plan

## Complete construction and commissioning:

- 754 MW capacity by 2015 (fiscal)
- Total cost: \$2.5M per MW
- Life of projects: 25 years

Wind Project Development  
 Construction Period (Months)





# The U.S. Energy Market

- To understand why Western Wind is an attractive opportunity one must understand the US energy market
- 45% of electrical energy in US generated by Coal; at US\$ 0.043 per Kwh, it is less costly than wind energy.<sup>1</sup>
- Regardless of State Renewable Portfolio mandates, coal generators do not have to eliminate CO<sub>2</sub> and NOX emissions.
- Thus WND does not presently seek to develop wind parks in states that produce electrical energy with coal.
- WND therefore concentrates in the jurisdictions that provides the framework to operate profitably.

<sup>1</sup> – Awea U.S Wind Industry Annual Market Report Year Ending 2009 -<http://www.awea.org/>



Where then is the greatest  
financial opportunity  
for  
Wind Energy Generation?



# Welcome to California

- No coal production in California
- Sixth largest economy in the world
- Aggressive renewable policy – 20% by 2010 and 33% by 2020<sup>1</sup>
- Currently at 15%<sup>1</sup>
- 40% of California's energy is imported
- Extreme scarcity of available wind site locations

<sup>1</sup> - <http://www.cpuc.ca.gov/PUC/energy/Renewables/index.htm>



## Welcome to California (cont'd)

- Wind energy is the lowest cost of electricity in California
- Californians pay the highest wholesale and retail rates in the USA for electrical power
- California is the 2<sup>nd</sup> largest carbon emitter in the U.S. and 12<sup>th</sup> in the world.
- The permitting processes and obligations are challenging.
- Western Wind has capitalized on this supply – demand imbalance with a focus on prime land positions in areas where permitting of wind parks is well established and supported.



# An Undervalued Stock

## WND Implied Valuation

	<b>Value</b>	<b>Basic per share</b>
Installed Capacity of 34.5MW (\$3.5M/MW)	\$121M	\$2.46
Land Value (3,985 acres; \$12,500/acre)	\$ 50M	\$1.00
Windstar (120MW at \$1.1M/MW)	\$132M	\$2.64
	<b><u>\$303M</u></b>	<b><u>\$6.10</u></b>

## California Initiative

1,300 MW X \$0.1M per MW	\$130M	\$2.60
<b>Total:</b>	<b><u>\$433M</u></b>	<b><u>\$8.70</u></b>

## Analyst Coverage (1 year target price)

- Mackie Research - \$2.80 - [http://www.westernwindenergy.com/s/Analyst\\_Coverage.asp](http://www.westernwindenergy.com/s/Analyst_Coverage.asp)
- Jacob Securities - \$3.50 - [http://www.westernwindenergy.com/s/Analyst\\_Coverage.asp](http://www.westernwindenergy.com/s/Analyst_Coverage.asp)
- LOM - \$5.20 - [http://www.westernwindenergy.com/s/Analyst\\_Coverage.asp](http://www.westernwindenergy.com/s/Analyst_Coverage.asp)



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