

February 2009

TSXV:WND



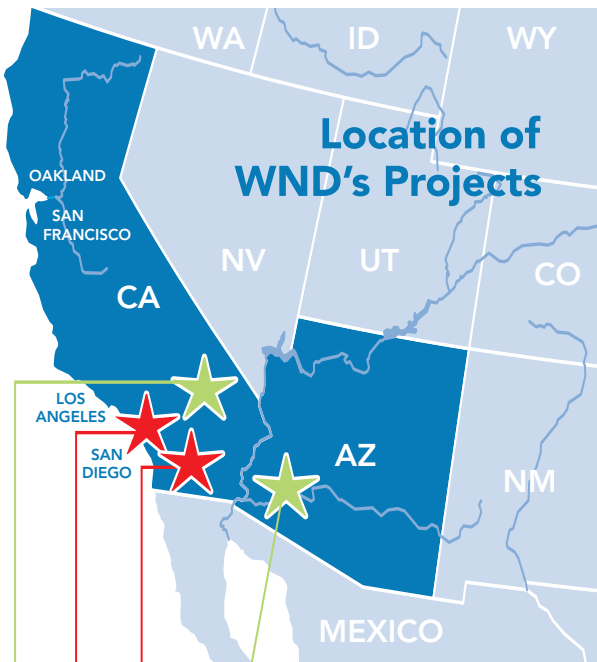
A Producing Wind Energy Company

## Market Facts

Symbol	TSXV: WND
Recent Price (February 5, 2009)	\$0.60
52 Week High/Low	\$4.35/\$0.50
Shares Issued:	36.7 M
Warrants	5.7 M
Options	3.6 M
Fully Diluted	46.0 M
Market Cap	\$27.2 M

## Overview

- Wind energy producing company with 503 operating turbines
- Cash flow positive and without project debt
- Geographic focus in California and expansion in Arizona
- Current production capacity of 34.5MW and permitted for an additional 155MW
- Windstar (120MW) expected to be operational by Q4/2010
- Access to debt and tax equity investors which offers leverage of up to 90% of project financing provided for Early-stage US wind projects
- Signed Power Purchase Agreements (PPAs)
- Owns or leases 27,733 acres of which 3,742 acres is 100% owned land – fee simple
- Strong management team with extensive operating experience and access to leading turbine maintenance and support team
- Expansion potential – in California, 65 additional wind and solar projects identified; and 5 solar projects in Ontario



**Steel Park Project** Kingman, AZ

**Windridge (4.5MW)** Tehachapi, CA

**Mesa (30MW)** Palm Springs, CA

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

★ Producing Projects    ☆ Projects in Development

## California's Renewable Energy Requirements

- State government mandated renewable energy generation of 20% by 2010 (currently 13%)
- California needs 9,000MW more new renewable power to meet the 20% target
- Highly experienced regulators focused on streamlining permitting for renewable energy projects
- California is planning on massive expansion of transmission infrastructure

**Western Wind Energy**  
*is an investment that is  
 both socially responsible  
 and financially rewarding.*

## Recent News

### January 15, 2009

Western Wind Announces  
 The Status Of Its Various Projects  
 And Financing Arrangements

### November 06, 2008

Loewen, Ondaatje, McCutcheon  
 Limited provides update on  
 Western Wind Energy and  
 reiterates target of \$5.50

### October 31, 2008

Western Wind Energy Corp.  
 Announces a 72% Increase in  
 Revenues for the Third Quarter  
 Ended September 30, 2008

### September 24, 2008

US Senate Overwhelmingly  
 Approves Production Tax Credits

### August 7, 2008

Western Wind Energy Corp.  
 reports revenues of \$2.1M for  
 quarter ending June 30, 2008

### July 25, 2008

Western Wind Energy Corp.  
 Announces Filing of Final Short  
 Form Prospectus and Conversion  
 of Special Warrants

## California

Two (2) operating and two (2) advanced stage projects located in prime wind resource areas, Tehachapi Pass wind park and Palm Springs, proven to have consistent wind energy production since 1980.

### Mesa – 30 MW (in operation)

- Located on 440 acres (Palm Springs, California), 460 turbines
- PPA with Southern California Edison
- Plans in advanced stage for expansion from 30MW to 50MW

### Windridge – 4.5 MW (in operation)

- Located in prime wind resource area of Tehachapi Pass
- PPA with Southern California Edison
- Excellent re-power opportunity

### Windstar I – 120 MW (in development)

- Located 2 miles from Windridge facility in Tehachapi Pass
- A 20 year PPA in place
- Total estimated cost of \$270M, approx. \$8M invested to date – several options to finance: JVs, tax equity financings, etc., all at the project level

### Barstow – 100 MW (in development)

- Wind and solar energy 3,300 acres site near Barstow
- Permitting in progress

### New Projects

- Initiatives underway to more than double capacity from current properties – new turbines, expanding sites
- Actively expanding its property portfolio in California – secured wind resource information on 66 prime sites

## Arizona

### Steel Park – 215 MW (in development)

- Over 1,110 acres of land owned in Western Arizona and leased additional 19,051 acres in area with highest wind-speed frequency distribution in Arizona
- Transmission infrastructure in place within property boundary with zoning approved

## Western Solargenics

- Wholly owned subsidiary focused on developing utility scale, solar thermal and photo-voltaic power plants, with permitting in progress
- Significant transmission rights in California

