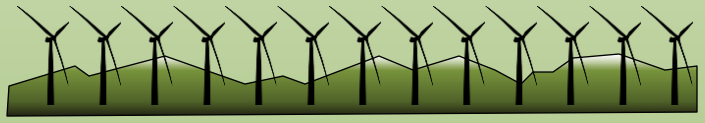
Think America
Think Nevada
in White Pine County

WESTERN
US
WIND
INDUSTRY



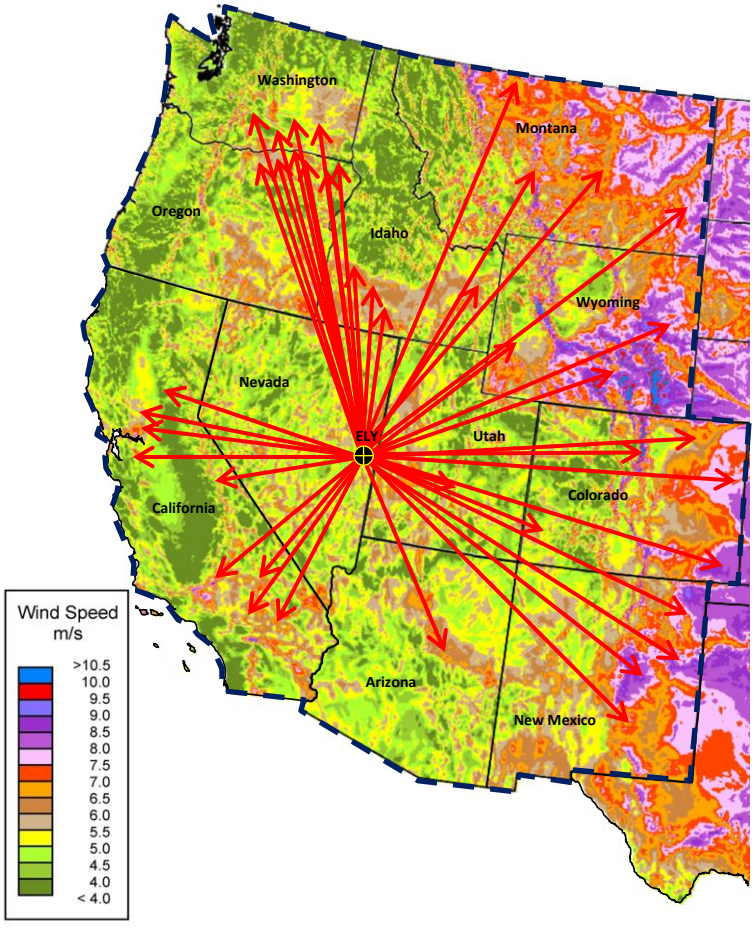
Prepared for Your Business!
Best Place in Nevada to Raise a Family!

White Pine County
Community and Economic Development
00 1 (775) 289-3065
wpcedc@mwpower.net

White Pine County, Nevada is the center focus point of the Western United States Wind Market comprised of (11) states proposing the development of 87,075 MW of wind renewable energy in the queue.

Current, the Western Market produces 12,259 MW of energy today. An additional 2,836 MW is under construction. The Spring Valley Wind Project owned by Pattern Energy, currently under construction in White Pine County with the capacity to produce 150 MW, will be the first major wind project developed in Nevada with a potential of 3,913 MW planned.

Western United States – Annual Average Wind Speed at 80 m



State	MW In Queue	MW Under Construct	MW Growth 2008	2009	2010	2011
Washington	5,831	343	1,375	1,849	2,104	2,357
Oregon	9,361	1,046	1,067	1,758	2,104	2,104
California	18,269	589	2,537	2,798	3,177	3,179
Arizona	7,268	10	0	63	128	128
New Mexico	14,136	50	497	597	700	700
Colorado	16,602	501	1,068	1,244	1,299	1,299
Utah	1,052	102	20	223	223	223
Nevada	3,913	150	0	0	0	0
Idaho	446	45	76	147	353	471
Wyoming	7,870	0	676	1,099	1,412	1,412
Montana	2,327	0	271	375	386	386
Totals	**87,075**	2,836	7,587	10,153	11,886	12,259

Transportation into Ely, White Pine County, Nevada, U.S.A.:

US-93 goes east, north and south
US-50 goes west and south
US-6 goes southwest and south

S & S Railroad drop point is Currie, NV from all Coastal Ports, Canada and Mexico.

Ely Airport/ Yelland Field
Daily flights to Las Vegas, NV
Great Lakes Airlines EMB-120

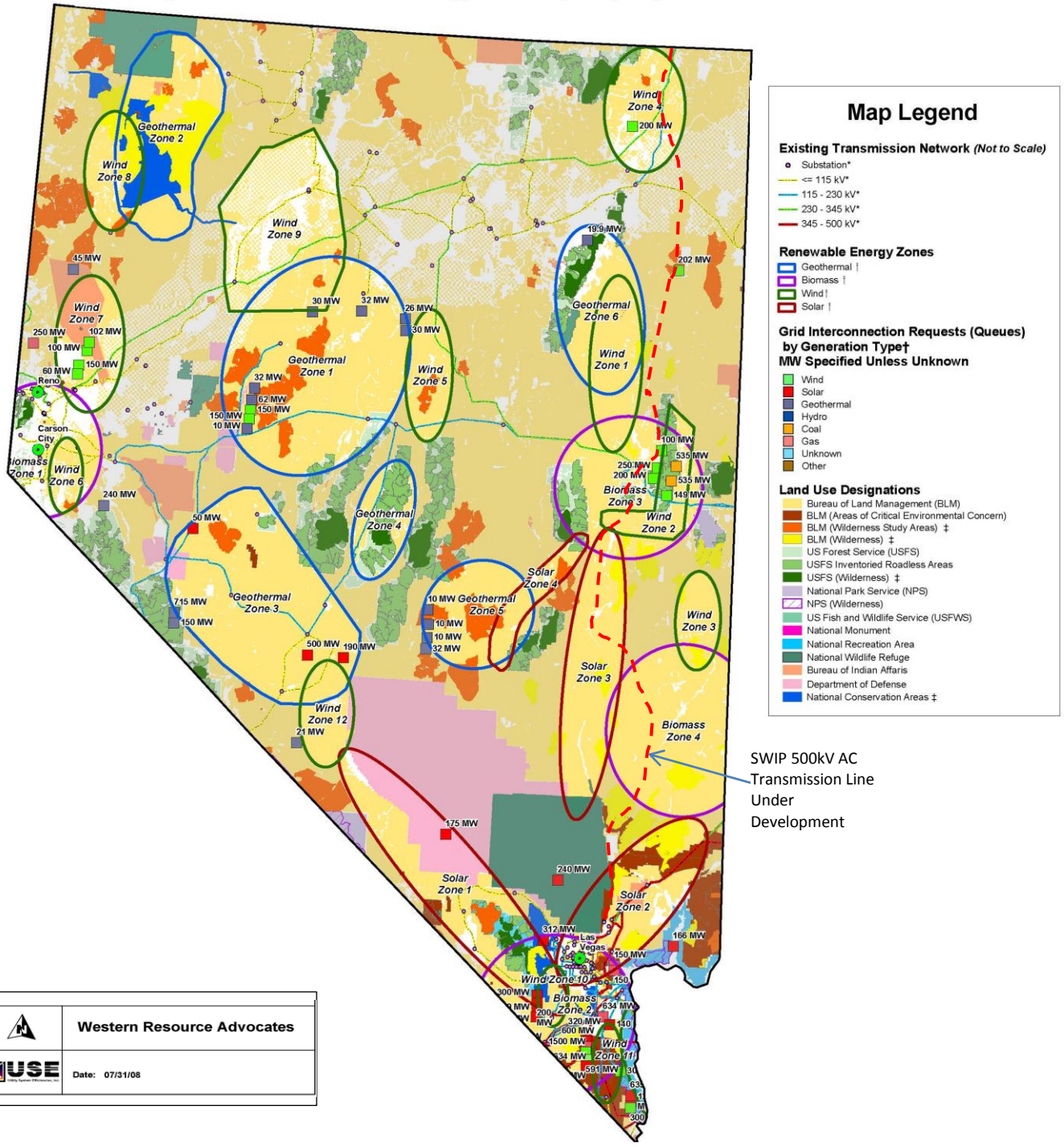
Drive mileage and time spans from Ely, Nevada to major western U.S. cities.

Drive Time Chart

FROM	TO	Miles	Drive Time
Ely, NV	Salt Lake City, UT	240	3Hr-38M
Ely, NV	Las Vegas, NV	242	3Hr-54M
Ely, NV	Reno, NV	320	5Hr-15M
Ely, NV	Boise, ID	382	5Hr-57M
Ely, NV	Los Angeles, CA	510	8Hr-10M
Ely, NV	Phoenix, AZ	536	8Hr-50M
Ely, NV	San Francisco, CA	538	8Hr-53M
Ely, NV	Cheyenne, WY	680	9Hr-50M
Ely, NV	Denver, CO	674	10Hr-35M
Ely, NV	Helena, MT	688	10Hr-52M
Ely, NV	Santa Fe, NM	775	12Hr-50M
Ely, NV	Seattle, WA	884	13Hr-41M
Ely, NV	Portland, OR	810	14Hr-10M

Why White Pine County? Based on the research conducted by Western Resource Advocates, WPC has the #1 and #2 Wind Zones in all Nevada. These bubble zones have been created to guide future development of renewable energy projects, based on the availability of Bureau of Land Management Land Leasing and natural resource opportunities for utilization.

Potential Nevada Renewable Energy Zones and Transmission: Comprehensive Planning Data (Map 1)



SWIP 500kV AC Transmission Line Under Development

Map Legend

Existing Transmission Network *(Not to Scale)*
- Substation*
- <= 115 kV*
- 115 - 230 kV*
- 230 - 345 kV*
- 345 - 500 kV*

Renewable Energy Zones
- Geothermal †
- Biomass †
- Wind †
- Solar †

Grid Interconnection Requests (Queues) by Generation Type† MW Specified Unless Unknown
- Wind
- Solar
- Geothermal
- Hydro
- Coal
- Gas
- Unknown
- Other

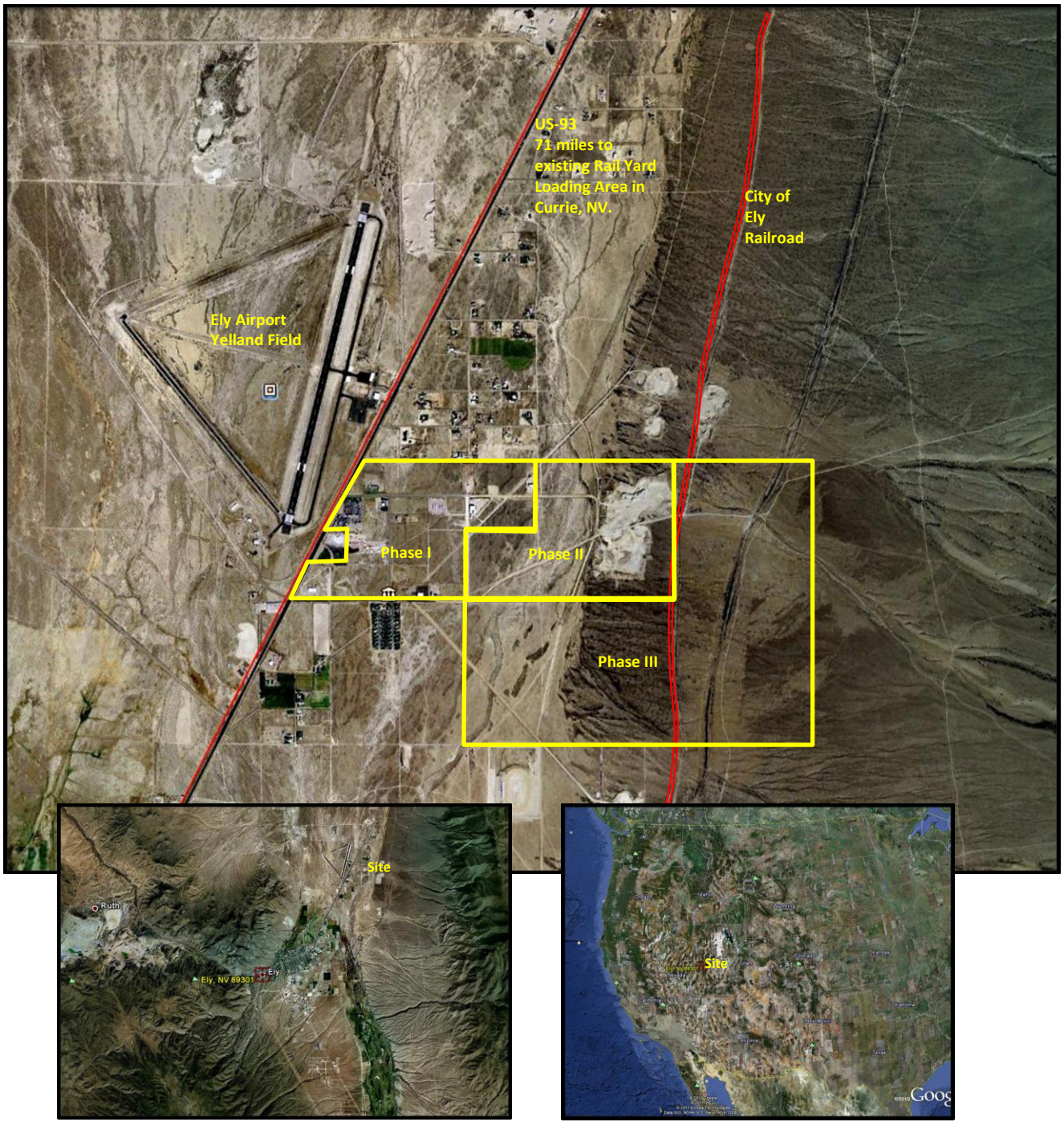
Land Use Designations
- Bureau of Land Management (BLM)
- BLM (Areas of Critical Environmental Concern)
- BLM (Wilderness Study Areas) ‡
- BLM (Wilderness) ‡
- US Forest Service (USFS)
- USFS Inventoried Roadless Areas
- USFS (Wilderness) ‡
- National Park Service (NPS)
- NPS (Wilderness)
- US Fish and Wildlife Service (USFWS)
- National Monument
- National Recreation Area
- National Wildlife Refuge
- Bureau of Indian Affairs
- Department of Defense
- National Conservation Areas ‡

Western Resource Advocates

Date: 07/31/08

Where in White Pine County? The Industrial Park currently has 40+/- acres within Phase I that can be developed into Office / Warehouse Flex Space type of leasable real estate. Current private owners of large parcels are open to discussion regarding specific build-to-suit needs per a tenant's growth plan.

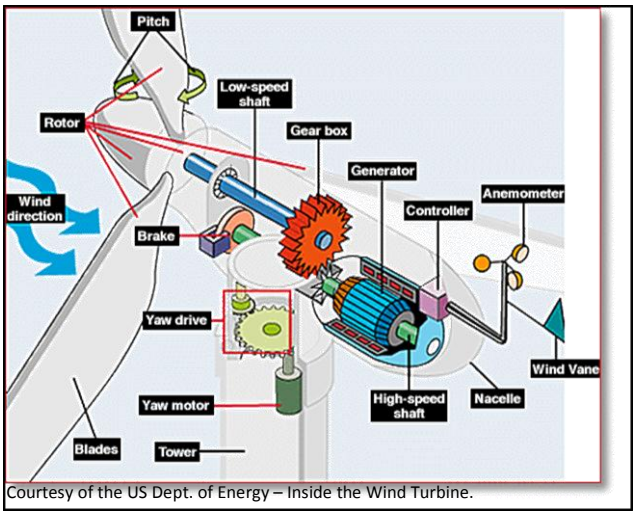
Phase II has 200 acres that will allow expansion eastward from Phase I. Phase III is under study as an expansion of an additional 560+ acres.



Who are we looking for? Anyone and everyone related to the National or International Wind Renewable Energy Industry, whether your company focus is upstream or downstream, and if the industry is only 1% or 100% of your professional expertise and servicing. Below is an example of the type of companies we are soliciting to occupy our Industrial Park. Share best practices and industry leads by creating partnerships with your peers.

Upstream Company Types

Site Selection Specialists
Energy Sales Assessment
Environmental Assessment
Preliminary Engineering
Cost Estimation
Economic Feasibilities
Land Acquisition Team
Sales Agreements / PPA
Interconnection Studies
Detailed Engineering
US, State, Local Permitting
Economic Modeling Studies
Economic Forecasting
Project Financing



Courtesy of the US Dept. of Energy – Inside the Wind Turbine.

Downstream Company Types

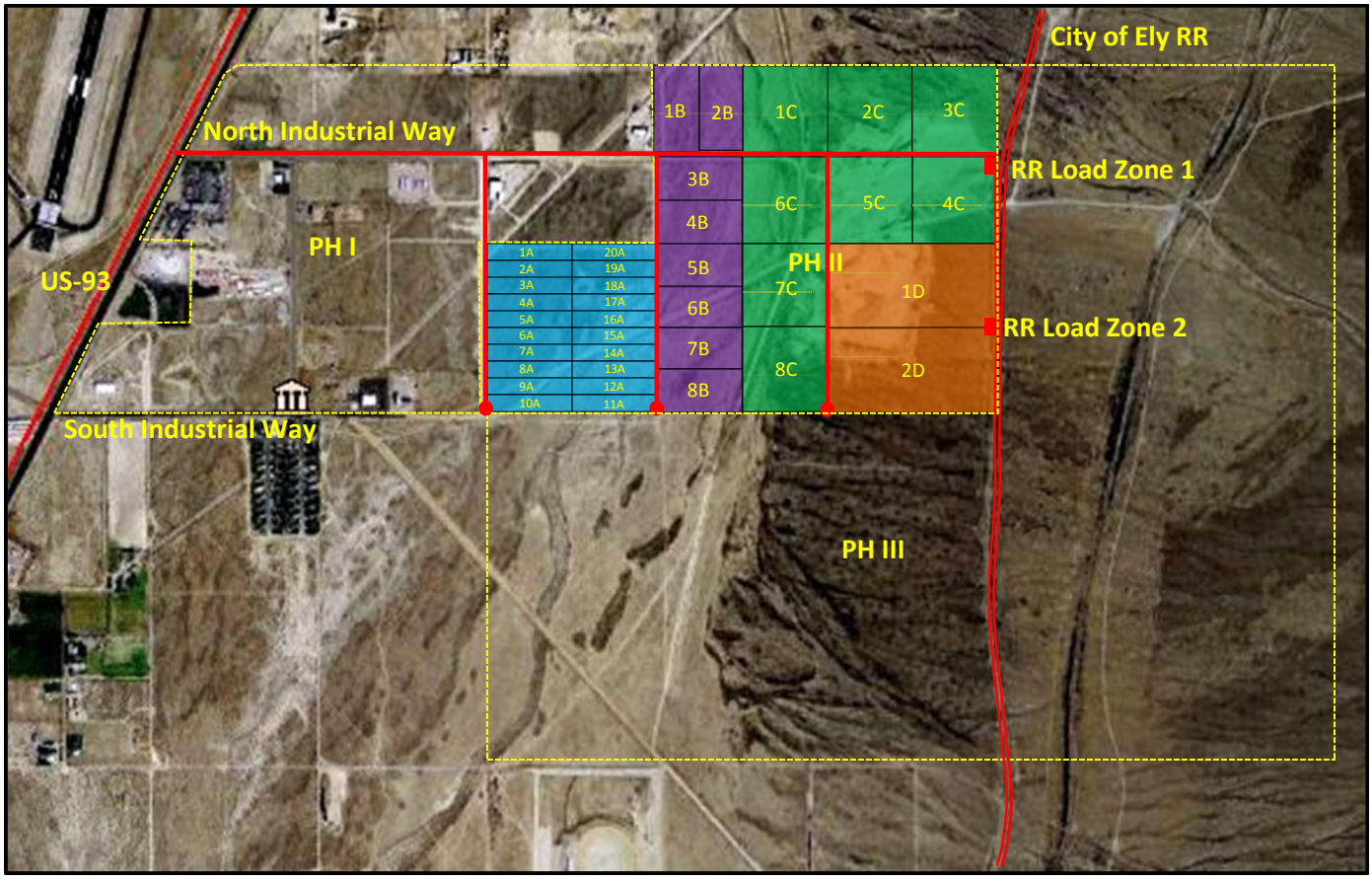
Foundation Contractor
Tower Manufacturer
Rotor Manufacturer
    Blade & Hub Mfg.
    Pitch System Mfg.
Nacelle Brake Manufacturer
Nacelle Speed Shaft Mfg.
Nacelle Bearing Mfg.
Nacelle Generator Mfg.
    Housing Mfg.
    Stator Mfg.
    Rotor Mfg.
Nacelle Gearbox Mfg.
Housing Mfg.
Sensors Mfg.
    Stages Mfg.
    Lubrication System
Controls Manufacturer
Sensors & Actuators Mfg.
Software Developers
System Operating Specialists
Construction Companies
Service Repair Companies
Decommissioning Specialists

Wind Energy Industrial Park Cluster - Conceptual Master Plan.

This is only a conceptual study of the land available for development. Each prospective company shall have the right to select which parcel fits their needs best and have the capability to design a facility that matches their use.

Many options shall exist to assist the new company with site selection:

1. Company rents a building within an Office / Warehouse Flex Space Complex and negotiates with the owner tenant improvement costs.
2. Company designs a building with the landowner and the landowner builds the building with tenant improvements and rents to company.
3. Company designs a building with the landowner and the landowner builds the building for the company and purchases project turn-key.
4. Company purchases a lot available and builds its own building.



	2 Acre Parcel (1A – 20A) - Specialists, Engineers, Brokers, Controls & Sensors Mfg, etc.
	5 Acre Parcel (1B – 8B) - Small Manufacturer, Nacelle Brake / Shafts / Bearing, etc.
	10 Acre Parcel (1C – 8C) – Medium Manufacturer, Rotor, Tower, Brake, Shafts, Bearing, etc.
	20 Acre Parcel (1D & 2D) – Large Manufacturer, Gear Box, Generator, etc.

How can Federal Governmental Agencies, State of Nevada and White Pine County help your company make the decision to join our industrial initiative?

International Incentives for Commercial Enterprise/ New Business Establishment:

- **EB-5 VISA** - The immigrant investor/ company owner, or EB-5, program is a highly beneficial permanent residence option for foreign investors with $500,000 investment that will create (10) new jobs.

Federal Incentives for Wind Power Deployment:

- U.S. Dept. Of Energy's Wind and Water Power Program works to accelerate the deployment of wind power. *Windpoweringamerica.com*
- U.S. Dept. of Energy's Efficiency and Renewable Energy program offers Tax Credits for Energy Efficiency. *Eere.energy.gov/financing/consumers.html*
- The Federal Business Energy Investment Tax Credit allows owners of small wind turbines (100 kW or less) to receive tax credits up to 30% of the value. *Dsireusa.org/incentives/incentive.cfm?Incentive_code=US02F*
- The American Recovery and Reinvestment Act's Section 1603 Program allows owners of qualified wind projects to receive one-time direct payments from the Treasury in lieu of Investment Tax Credits. *Ustreas.gov/recovery/1603.shtml*
- The Internal Revenue Service – administered Clean Renewable Energy Bonds (CREB's) are designed to allow qualified non-taxable entities to finance eligible clean renewable energy projects. *Irs.gov/irb/2007-14_IRB/ar17.html*
- DOE Loan Guarantees to help companies secure financing to deploy clean energy technologies for wind projects. *Lgprogram.energy.gov/*
- U.S.D.A. provides farmers and ranchers with grants for energy audits and renewable energy development assistance through Rural Energy for America. *Rurdev.usda.gov/energy.html*

State of Nevada Incentives for Wind Power Deployment/ New Business Support:

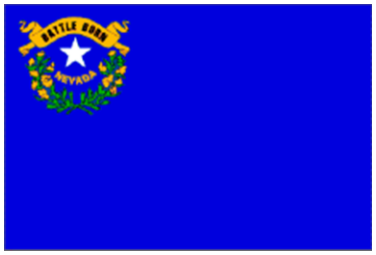
- Sales & Use Tax Abatement – on eligible machinery and equipment. *http://www.dsireusa.org/*
- Sales Tax Deferral – setting up interest free payment plan for taxes in equal monthly payments over 60 month period.
- Modified Business Tax (Payroll Tax) Abatement – 50% for 4 years on new jobs.
- Personal Property Tax Abatement – up to 50% abatement of personal property tax for up to 10 years on eligible equipment.
- Silver State Works – job training program to offset costs to employer while creating new jobs.

White Pine County Incentives for Wind Power Deployment/ New Business Support:

- Identifying grant opportunities that can be applied for in Partnership and awarded to new corporation when meeting all conditions required by County Staff and Grant Provider.
- Assist Corporation with an Industrial Development Revenue Bond Application that will allow for a low interest construction loan with a long maturity date, first $10M tax-exempted, no cap on taxable.
- Custom employee training programs and no-cost short term labor available at no cost to corporation.

State Corporate Advantages:

- It is one of the top states in which to operate because of its well-established reputation for business-friendly laws and tax structure, an accessible regulatory environment, legal system that works in favor of business, and economic development incentive programs.
- No Corporate Income Tax
- No Personal Income Tax
- No Inventory tax
- No Unitary Tax
- No Franchise Tax
- No Inheritance Tax



Why is White Pine County the "The Best Place in Nevada to Raise a Family"?

Local Schools - White Pine Middle School is currently a National Model School, Nevada Model School, and a Title I Nevada Distinguished School, a Nevada Empowerment School. WPMS is named as the "Middle School of Distinction" by the International Center for Leadership in Education for 2009.

White Pine High School has been designated High Achieving for 2004, 2005, 2007, 2008, 2009, 2010 and as Exemplary for 2006. Designated by International Center for Leadership in Education as a National Model School for the 2007 school year!

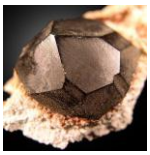
Economy - Unemployment rate is 7.8% (May 2011) compared to the Nevada Unemployment Rate of 12.1%. Labor Force is 5,147. Housing market has been unaffected by national economic crisis.

Things to Do in WPC

Great Hunting

Great Fishing

Great Mineral Exploration



Great Train Rides

Great Camping

Great Festivals / Parades / Clubs

People Quick Facts	White Pine County
Population, 2010 estimate	10, 030
Population, percent change, April 1, 2000 to July 1, 2009	0.10%
Population estimates base (April 1) 2000	9,181
Persons under 5 years old, percent, 2009	5.70%
Persons under 18 years old, percent, 2009	21.40%
Persons 65 years old and over, percent, 2009	15.00%
Female persons, percent, 2009	43.30%
White persons, percent, 2009 (a)	88.20%
Black persons, percent, 2009 (a)	4.50%
American Indian and Alaska Native persons, percent, 2009 (a)	4.20%
Asian persons, percent, 2009 (a)	1.10%
Native Hawaiian and Other Pacific Islander, percent, 2009 (a)	0.30%
Persons reporting two or more races, percent, 2009	1.70%
Persons of Hispanic or Latino origin, percent, 2009 (b)	13.00%
White persons not Hispanic, percent, 2009	76.30%
Living in same house in 1995 and 2000, pct 5 yrs old & over	52.50%
Foreign born persons, percent, 2000	2.90%
Language other than English spoken at home, pct age 5+, 2000	9.70%
High school graduates, percent of persons age 25+, 2000	82.00%
Bachelor's degree or higher, pct of persons age 25+, 2000	11.80%
Persons with a disability, age 5+, 2000	1,697
Mean travel time to work (minutes), workers age 16+, 2000	18.3
Housing units, 2009	4,497
Homeownership rate, 2000	76.60%
Housing units in multi-unit structures, percent, 2000	8.70%
Median value of owner-occupied housing units, 2000	$70,000
Households, 2000	3,282
Persons per household, 2000	2.42
Median household income, 2008	$49,209
Per capita money income, 1999	$18,309
Persons below poverty level, percent, 2008	13.50%
Business QuickFacts	**White Pine County**
Private nonfarm establishments, 2008	209
Private nonfarm employment, 2008	2,723
Private nonfarm employment, percent change 2000-2008	51.70%
Nonemployer establishments, 2008	543
Total number of firms, 2002	613