



City of Fernley

595 Silver Lace Blvd., Fernley, NV 89408 775-784-9810

WIND ENERGY CONVERSION SYSTEM PERMIT APPLICATION

PERMIT APPLICATIONS, PLANS OR SUPPORTING DOCUMENTATION THAT ARE INCOMPLETE, ILLEGIBLE OR SUBMITTED IN PENCIL OR ERASABLE INK WILL NOT BE ACCEPTED. PLEASE PRINT CLEARLY USING PERMANENT BLUE OR BLACK INK.

APPLICANT'S INFO.:	APPLICANT'S NAME:		ROLE: <input type="checkbox"/> OWNER <input type="checkbox"/> CONTRACTOR <input type="checkbox"/> OTHER:			
	COMPANY:					
	ADDRESS:				BUILDING OR SUITE NO.:	
	CITY:			STATE:		ZIP CODE:
	PHONE NO.:		CELL NO.:		FAX NO.:	
	EMAIL:					
	ASSESSOR PARCEL NO. (APN):				FLOOD ZONE: <input type="checkbox"/> YES <input type="checkbox"/> NO	
	TOTAL LOT AREA:		ZONING:		SETBACKS – FRONT: SIDES: REAR:	
	PROJECT ADDRESS:				BUILDING OR SUITE NO.:	
	CITY: FERNLEY			STATE: NV	ZIP CODE: 89408	
	PROJECT DESCRIPTION:					
	VALUATION AMOUNT: \$		OR	CONTRACT AMOUNT (PROVIDE COPY): \$		
	FIXED BASE TOWER WITH GUY WIRES <input type="checkbox"/> YES <input type="checkbox"/> NO	TILT-UP TOWER <input type="checkbox"/> YES <input type="checkbox"/> NO	MONOPOLE <input type="checkbox"/> YES <input type="checkbox"/> NO		BATTERY BANK <input type="checkbox"/> YES <input type="checkbox"/> NO	NUMBER OF BATTERIES:
	SEPARATE DC DISCONNECT: <input type="checkbox"/> YES <input type="checkbox"/> NO	AC DISCONNECT: <input type="checkbox"/> YES <input type="checkbox"/> NO	MAIN SERVICE PANEL RATED AT:		PRIMARY ELECTRICAL SOURCE INTERCONNECT TRANSFER SWITCH <u>AMPS:</u> <u>VOLTS</u>	
	VERTICAL AXIS TURBINE: <input type="checkbox"/> YES <input type="checkbox"/> NO	HORIZONTAL AXIS TURBINE: <input type="checkbox"/> YES <input type="checkbox"/> NO	SPECIFY HEIGHT OF WIND TURBINE: SPECIFY BLADE HEIGHT FROM GRADE:		SPECIFY MAXIMUM DECIBEL LEVEL: AT: IS THIS A ROOF TOP TURBINE: <input type="checkbox"/> YES <input type="checkbox"/> NO	
SPECIFY IF GENERATOR IS DC OUTPUT: <input type="checkbox"/> YES <input type="checkbox"/> NO	SPECIFY NUMBER DC TO AC INVERTERS:	SPECIFY IF PHOTOVOLTAIC SYSTEM USED: <input type="checkbox"/> YES <input type="checkbox"/> NO	SPECIFY IF GAS POWERED GENERATOR IS USED: <input type="checkbox"/> YES <input type="checkbox"/> NO	PLANS ATTACHED:	NO PLANS:	
FILING DATE: BY:		ISSUED BY: DATE:		PERMIT FEE: \$		
BUILDING PERMIT NO.: BP				PLAN CHECK FEE: \$		
<input type="checkbox"/> OWNER-BUILDER PERMIT PURSUANT TO NRS 278.573 (<input type="checkbox"/> RECEIVED ACKNOWLEDGEMENT FORM)				OTHER FEE: \$		
ZONING REVIEWED BY: DATE:				DEPOSIT RECEIVED: \$		
PLANS REVIEWED BY: STARTED:		COMPLETED:		TOTAL BALANCE DUE: \$		

OWNER'S INFO.:	OWNER'S NAME:			
	COMPANY:			
	ADDRESS:			BUILDING OR SUITE NO.:
	CITY:		STATE:	ZIP CODE:
	PHONE NO.:	CELL NO.:	FAX NO.:	EMAIL:
DESIGN PROFESSIONAL'S INFO.:	ARCHITECT:		CONTACT'S NAME:	
	ADDRESS:			BUILDING OR SUITE NO.:
	CITY:		STATE:	ZIP CODE:
	PHONE NO.:	CELL NO.:	FAX NO.:	EMAIL:
	REVISED 5/9/2011			
	ENGINEER OF RECORD:		CONTACT'S NAME:	
	ADDRESS:			BUILDING OR SUITE NO.:
	CITY:		STATE:	ZIP CODE:
	PHONE NO.:	CELL NO.:	FAX NO.:	EMAIL:
	CONTRACTOR'S INFORMATION:	BUILDING/GENERAL CONTRACTOR:		
CITY OF FERNLEY BUSINESS LIC. NO.:		NV CONTRACTOR LIC. NO.:	CLASS:	
ADDRESS:			BUILDING OR SUITE NO.:	
CITY:		STATE:	ZIP CODE:	
PHONE NO.:		CELL NO.:	FAX NO.:	EMAIL:
ELECTRICAL CONTRACTOR:			CONTACT'S NAME:	
CITY OF FERNLEY BUSINESS LIC. NO.:		NV CONTRACTOR LIC. NO.:	CLASS:	
ADDRESS:			BUILDING OR SUITE NO.:	
CITY:		STATE:	ZIP CODE:	
PHONE NO.:		CELL NO.:	FAX NO.:	EMAIL:

I understand and agree that the City of Fernley has no obligation to explain every requirement and ordinance to me prior to or during this project. Furthermore, I understand that any and all City or State laws or ordinances are enforceable at any time, with or without prior notification. The issuance of a permit based on plans, specifications and other construction documents shall not prevent the Building Official from thereafter requiring the corrections of errors in said plans, specifications and other construction documents, or preventing building operations be carried on there under when in violation of City or State laws or ordinances. The Building Official is authorized to suspend or revoke a permit issued under the provisions of the code wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation of the provisions of the code.

It shall be the duty of the permit holder or their agent to notify the Building Official that permitted work is ready for an inspection. Requesting an inspection for work that is incomplete, in progress or not ready may result in a reinspection fee. It shall be the duty of the person requesting any inspections required by the code to provide access to and means for inspection of such work. Inspectors will not perform inspections in the presence of any unrestrained animals or in the presence of minors without a parent or legal guardian present. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the Building Official. Any portion of work shall not be covered or concealed until authorized by the Building Official. The building permit, approved plans and inspection card shall be kept on the site of the work until the completion of the project.

The Building Official shall suspend or revoke a certificate of occupancy issued under the provisions of the code wherever the certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of the code

UNDER PENALTY OF INTENTIONAL MISREPRESENTATION AND/OR PERJURY, I declare that I have examined and/or made this application and it is true and correct to the best of my knowledge and belief. I agree to construct said improvement in compliance with all provisions of the applicable ordinances. I further certify that all easements, deed restrictions, or other encumbrances restricting the use of the property are shown on the site plans submitted with this application. I have been given authorization from the property owner to obtain this permit. I realize that the information that I have affirmed hereon forms a basis for the issuance of the permit herein applied for and approval of plans in connection therewith shall not be construed to permit any construction upon said premises or use thereof in violation of any applicable ordinance or to excuse the owner or his or her successors in title from complying therewith.

I understand that by applying for this permit, I am consenting to the inspection of this property and to the entry onto the property by inspectors of the authority having jurisdiction for the purpose of performing the necessary inspections during normal business hours for the duration of the permit.

_____ I certify that I am a licensed contractor pursuant to NRS 624.
(Initial)

_____ I certify that I am an owner-builder pursuant to the provisions of NRS 278.573.
(Initial)

Signature Date

Print Name Title (architect, contractor, etc.)

WIND ENERGY CONVERSION SYSTEM PLAN SUBMITTAL CHECKLIST

General Requirements

A permit application, which is available at the Building Department or website, must be filled out completely. Two (2) sets of plans for residential and four (4) sets of plans for commercial, calculations and accompanying documents must be presented in a clear, legible and organized manner conducive for plan review. Where several sheets are submitted, they should be numbered, and a Table of content provided for reference. All plans, specifications and calculations prepared by a licensed professional shall be wet stamped, signed and dated in accordance with NRS 625.

Cover Sheet: Indicate project address and location map, identification of design professionals, design criteria and standard design codes.

Site Plan: Show proposed location of wind energy conversion system, show any existing buildings or structures. Show all property lines with dimensions including all streets and easements. Show electrical underground conduit location, depth and type of conduit. Show proposed location of electrical main service including amperage, voltage and phasing, including transfer switch type at service.

Foundation Plan: Show all foundations and footings; indicate size, location, thickness, depth, material and reinforcing. Show all embedded anchoring such as anchor bolts. Show all guy wire footings. If bad soil anticipated, provide a soils report for the proposed site.

Structural System: The wind energy conversion system support tower requires an engineered design as per 2006 International Building Code and shall be accompanied with engineering calculations upon submittal.

Electrical System: Provide a single line diagram including the following; wind generator, over current protection device type rating and size, conductor insulation type and size of conductor, specify conduit type and size, specify panel voltage, amperage, and phasing. Specify type of inverter and rating including type and size of batteries, provide a copy of the manufacture's specifications wind machine, panels, inverters, DC voltage panels etc.

Electrical Equipment Room: Specify location of applicable equipment as per design including required clearances and ventilation.

Elevation View: Show all dimensioned views of wind energy conversion system structure, generator, propellers, and overall height, specify materials, ladder access etc.

Plans shall be black on white maximum size of 11'' in length and 17'' in width and contain no added "changes" in ink or pencil. Any engineering must be included with plans submitted to the Building Department. Plan submittal shall include, but not necessarily be limited to:

1. Site Plan
2. Foundation Plan
3. Structural Tower
4. Electrical Plan
5. Climatic and Geographic Design Criteria
6. Manufactures Specifications

Manufactures product listing data for specialty materials and equipment:

Where materials or equipment of a special nature will be used, valid research reports from a recognized listing agency (ICC, IAEL, ASTM, UL, ES reports) shall be required addressing their code equivalency. Although materials, designs or methods of construction not specifically prescribed by the applicable code may require pre-approval from the Building Official.

Plan Preparation:

Plans shall be prepared by a Nevada State Licensed Engineer, Architect and/or Licensed Contractor.

Minimum standards for plan submittal:

Plans, specifications and calculations submitted to the Building Official must be of sufficient nature to clearly show the project in its entirety with emphasis on the following:

1. Structural Integrity
2. Electrical Integrity
3. Building Code Compliance

The minimum required drawings will depend greatly upon the size, nature and complexity of the project. However, the following is the minimum recommended standard required before the Building Official shall begin the plan review process.

Standards:

It is the responsibility of the principal designer to verify the work is complete. If the plans do not meet these criteria, the Building Official may take any of the following actions:

1. Provide a complete list of corrections.
2. Increase the plan check fee for additional plan review time required due to lack of completeness.
3. Return plans unchecked.
4. Turn the design professional into the State Board of Architectural of Engineering for discipline.