



Site Specific Safety Plan

Rattlesnake Creek Wind Project

Dixon County, Nebraska

11/30/2017



I. PROJECT DESCRIPTION

Scope of Work

The Scope of Works is to supply EPC Service for the construction of the HV/MV Substation; T-Line and Interconnection works for the Wind/Solar Power Plants Enel Green Power S.p.A. is intended to build in the US territory.

The Power Plants subject of this assignment, the list of the reference documents provided from EGP (also including the preliminary studies on the site), as well as the local laws, codes and standards, are reported in the document "General Technical Specification Wind".

II. SAFETY COMMITMENT

The Safety Policy of Strategic Construction Solutions, an Atwell, LLC Company, is designed to comply with the Standards of the Occupational Safety and Health Administration (OSHA), and to ensure and maintain a safe and injury/illness free workplace. A copy of the Strategic Construction Solutions Health and Safety Policy is available for all employees use and reference. These policies shall be available in the home office at all times in addition they have been uploaded into ISNetworld for Enel Green Power review.

Compliance with the following Safety Policy and all items contained therein is mandatory for all employees of the company. The authorization and responsibility for enforcement has been given primarily to the Director of Safety. The onsite Construction management and supervisors share in this responsibility as well.

Strategic Construction Solutions is fully committed to performing all aspects of construction and management of this project in the safest manner possible. It is company policy that accident prevention be a prime concern of all employees. This includes the safety and well-being of our employees, subcontractors, and clients. This also includes the prevention of wasteful, inefficient operations, and damage to property and equipment.

Strategic Construction Solutions and its subcontractors, will review and adhere to this safety plan, and will work with Enel Green Power and Strategic Construction Solutions staff to complete this project in a professional and safe manner. Strategic Construction Solutions management will take an active role in promoting and enforcing safe work practices throughout the duration of this project.

III. APPLICABILITY

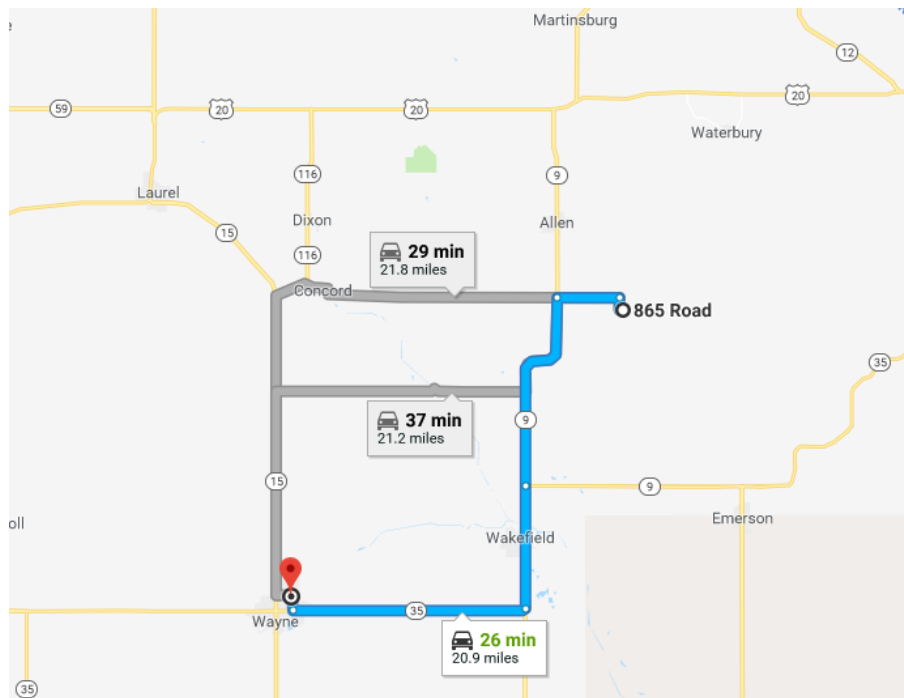
This Safety Work Plan applies to all employees of Strategic Construction Solutions, Contractors and Enel Green Power, regardless of position within the company. The safety rules contained herein apply to all subcontractors and anyone who is on a company project site. This Safe Work Plan is designed to provide basic information and more details can be found in corresponding specific policies. Every employee is expected to comply with the Safe Work Plan, as well as OSHA Health and Safety Standards.

IV. PROJECT EMERGENCY INFORMATION

- a. The following Emergency/Project Contact Information Sheet with a map will be posted onsite for supervisors and employees reference.

Project Contact Information				
Title	Name	Phone Office	Cell	Email
STRATEGIC CONSTRUCTION SOLUTIONS				
Director of Safety	William Oswald	720.541.6613	303.515.0071	woswald@atwell-group.com
Project Manager	Steve Tenn	720-626-1895		stenn@scsbuild.com
Construction Manager	Robert Cole	337-853-1630	337-853-1630	rcole@scsbuild.com
Safety Rep	George Bunker	970-632-4917	970-632-4917	gbunker@scsbuild.com
Enel Green Power				
On Site Contact	Andy Miller	978.989.3591		andy.miller@enel.com
Contractor				
Cooney-Civil	Ray Cooney	402.870.0243		
Watts Electric	Tim Goldsberry	531.500.0723		
Brink Constructors	Tim Torres	605.390.0968		
Nebraska 811	Ms. Dig Call	811	800-331-5666	www.ne1call.com
Emergency Services	EMS	911	911	42.379,-96.831
Dixon County Sheriff		(402) 755-2255 - <i>Non life threatening</i>	911	302 W 3rd St, Ponca, NE 68770
Local Occupational Clinic				
Penrose Family Health Clinic Emergency Room		(402) 375-3800		1200 Providence Rd, Wayne, NE 68787

****PROJECT ADDRESS: 42.379,-96.831**



V. PROJECT SAFETY

Strategic Construction Solutions and its subcontractors will perform this project with personnel qualified for the tasks to be completed. Compliance with all applicable federal, state, and county safe work standards will be followed per contract documents.

This Safe Work Plan fulfills the requirements of Enel Green Power, Subcontractor Agreement Exhibit A6.

Strategic Construction Solutions and its subcontractors will follow applicable safety requirements specified in the Joint Transmission Development Agreement (JTDA) between Rattlesnake Creek Wind Project, LLC and Nebraska Public Power District (NPPD) including the transmission line. Safety requirements specified in Exhibit A2 of the JTDA will be followed to ensure safe completion of the project.

Daily start of shift safety message and plan of the day meeting including a stretch program will occur at the office compound prior to dispatching to site work locations.

Meeting Agenda:

- 5-10 minute safety message
- 5 minute stretch and flex

Each day of construction will begin with a daily Job Hazard Analysis JHA. All personnel on-site will be required to attend. Areas of construction activities and that day's tasks will be discussed, safety hazards will be identified. Appropriate steps to eliminate or reduce risks or hazards will be discussed and implemented. Strategic Construction Solutions on-site management staff will also take this time to

- Review appropriate Personal Protective Equipment (PPE) required for these tasks and ensure that adequate PPE is available and utilized properly.
- Conduct a weekly all hands site safety meeting that includes all employees of each contractor for the entire site.
- Daily documented Site HSE inspections with listed remedial actions.
- Proactive audit program with at least monthly documented system audits.
- Inspection program that includes review and monitoring of JHAs.

BASIC SAFETY RULES

- 1) Compliance with applicable federal, state, county, city, client, and company safety rules and regulations is a condition of employment.
- 2) All injuries, regardless of how minor, must be reported to your supervisor and the Safety Department immediately. In the event of an accident involving personal injury or damage to property, all persons involved in any way will be required to submit to drug testing. Do not attempt to perform medical assistance to injured personnel unless you are trained and qualified to do so.
- 3) Firearms, ammunition, alcoholic beverages or illegal drugs are not allowed on company property or in company vehicles at any time. When drugs are prescribed by a physician, the onsite supervisor and or safety personnel must be informed. The use or possession of illegal drugs or alcoholic beverages on the jobsite will result in immediate termination.

- 4) Hard hats will be worn by all employees on the project site at all times. **The bill of the hard hat will be worn in front at all times.** Alterations or modifications of the hat or liner are prohibited. Crane operators, when in an enclosed cab, have the option of not wearing a hard hat due to the possible obstruction of view.
- 5) Safety glasses will be worn as the minimum required eye protection at all times. Only approved safety glasses will be worn with the ANSI Z-87 designation.
- 6) Clothing must provide adequate protection to the body. Shirts must have at least a tee/cap sleeve. Shirts with sleeves and long pants will be worn at all times. No shorts are to be worn on projects. Special clothing maybe required when working in very hot, very cold or wet areas.
- 7) Hearing protection will be provided when sound levels exceed 85 dBA in a given area.
- 8) Sturdy safety toed work boots with rigid, slip resistant soles are required. No clogs, tennis shoes or loafers are permitted.
- 9) All personnel will be required to attend safety meetings as stipulated by project requirements in order to meet OSHA Safety Standards.
- 10) Employees will be required to complete a Job Hazard Analysis JHA or JSA each shift worked, and for that days tasks. JHA will be turned in to supervisions at the end of the shift.
- 11) Housekeeping shall be an integral part of every job. Supervisors/foremen/lead men and employees are responsible for keeping their work areas clean and hazard-free. Clean up is required when a job is finished at the end of the day.
- 12) Potable drinking water containers are to be used for drinking water and ice only. Tampering with or placing items such as soda cans and/or bottles in the water cooler will result in immediate termination. The common drinking cup is not allowed. Only disposable cups will be used.
- 13) All tools whether company or personal, must be in good working condition and inspected before use. All tools shall be used only for their intended purpose. The wooden handles of tools must be kept free of splinters or cracks and should not be loose. Defective tools will not be used. Examples of defective tools include chisels with mushroomed heads, hammers with loose or split handles, guards missing on saws or grinders, etc. Electronic equipment will be inspected prior to use. Charge all batteries with the appropriate charger. Make sure the battery is properly connected to the equipment prior to use. Do not use damaged cables. If equipment becomes wet, dry equipment thoroughly with a cloth and leave cases open to air dry
 - (i) Electrical hand tools will be double insulated or grounded
 - (ii) Ground Fault Circuit Interrupters GFCI's must be used at all times when operating power hand tools
 - (iii) Each electrical hand tool and equipment will be inspected prior to use. All defective tools will be removed from the jobsite
- 14) Horseplay on the jobsite is strictly prohibited. Running on the jobsite is allowed only in extreme emergencies.

15) Each Strategic Construction Solutions and Enel Green Power employee, regardless of rank, has the authority and responsibility to shut down any unsafe operation that poses a health and safety danger called “Stop Work Authority”. This authority extends to part-time, contract, and temporary employees.

16) Vehicle Operations:

- (i) Each vehicle will have a fire extinguisher, a first aid kit and maps with hospital locations and contact information for each hospital. Loose items must be secured before travel and any items extending two feet beyond the vehicle shall be marked with a red flag. All vehicles should be equipped with a spare tire. Vehicles must be in good working order and driven by an authorized licensed driver – NO EXCEPTIONS.
 - (ii) The driver and all passengers must wear seat belts. The driver is responsible for operating the vehicle in accordance with the law and following defensive driving practices.
 - (iii) Vehicles shall be parked to allow for safe exit from the vehicle and the parking location. Vehicles shall be parked where they do not present a hazard to other traffic.
 - (iv) No employee is permitted to ride in the bed of a truck standing up or sitting on the outside edges of a truck. Employees must be sitting down inside the truck or truck bed when the vehicle is in motion. Riding as a passenger on equipment is prohibited unless the equipment has the safe capacity for transporting personnel.
- 16) Report all unsafe conditions and near misses to on site safety and or supervisor so immediate corrective action can be taken.
- 17) For all chemicals brought onsite for work activities will require a SDS to be on file at the worksite for that chemical.
- 18) All floor openings or excavations shall be barricaded on all sides to ensure employees are aware of the hazards. Floor holes shall be covered, with the covers secured and clearly marked.
- 19) Warning signs, barricades, and tags will be used to the fullest extent and shall be obeyed.

20) Scaffold Tag System

- (i) Green tags are to be placed on 100 percent complete scaffolds with all braces, locks and hand rails, mid, and toe rails in place before use.
- (ii) Yellow tags indicate incomplete scaffolds. If scaffold is missing a hand, mid, or toe board, it must have a yellow tag and employees on it must be tied off at all times.
- (iii) Red tags indicate scaffolds that are in the process of either being erected or disassembled. These scaffolds are not to be used at any time.
- (iv) Scaffold tags should be placed in a highly visible location on the scaffolds for all employees to see.

- 21) All OSHA Safety Standards concerning Lockout/Tagout of energized equipment will be followed. Strategic Construction Solutions Lockout/Tagout Policy HS B016.
- 22) All OSHA Safety Standards will be followed for job processes requiring fall protection. Employees will be required to follow the (six) 6 foot rule for construction fall protection. Summit requires a 100% tie off when exposed to tasks above 6' in height. Fall protection will be inspected prior to use and any damaged harness or lanyard will be pulled from service. Failure to properly follow OSHA and Contractor's fall protection requirements is a ZERO TOLERANCE violation.
- 23) Compressed Gas Cylinders shall be stored in the upright position and separated by gas type. Protective cap must be installed while in storage. A physical barrier or chain will be employed to prevent the cylinders from falling. On welding units and carts flash back arrestors must be installed and functioning.
- 24) Rigging Equipment will be free of defects and inspected daily. Only qualified riggers will be allowed to use rigging equipment.
- 25) Cranes are to be operated by qualified and authorized operators. Only trained and certified spotters and riggers will be allowed to direct the crane activities.
- 26) Cranes and other equipment will not be allowed to operate near overhead electrical lines and hazards. Always check clearances and travel path prior to setting up any equipment or cranes.
- 27) All equipment must be inspected daily. The inspection records will be retained by the project supervision. Any defective equipment will be removed from site and not used.
- 28) Any excavation or trench will be governed by the trenching and excavation policy and only trained and qualified individuals will be allowed to work around any excavation.
- 29) Slips, trips and falls occur due to a loss of traction between the shoe and the walking surface. Below are guidelines to reduce the risk:
 - (i) Good housekeeping
 - (ii) Reduce wet or slippery surfaces
 - (iii) Avoid creating obstacles
 - (iv) Create or maintain proper lighting
 - (v) Wear proper footwear
 - (vi) Control individual behavior
- 30) Excavations for ground penetrations greater than one inch (1") shall not occur until all buried utilities are identified by **Arizona Blue Stake**.
 - (i) Personnel involved in excavations shall know and understand markings made by buried utility location services prior to excavations.
 - (ii) Excavations for foundation or trenching activities shall be properly barricaded and shored.
 - (iii) Trench inspections by a qualified individual shall be performed on a daily basis before commencement of site work activities.

- (iv) Trench inspections by a qualified individual shall be performed on a daily basis at the end of each day's work activities prior to leaving the site to ensure that excavations are properly barricaded while unattended.

NOTE: *The above safety statements are guidelines and reminders for the various safety topics. To obtain complete details refer to the appropriate Safety policies in the safety Manual.*

VIII. ENVIRONMENTAL CONCERNS AND PROCEDURES

1) Weather

- **Heat Stress:** Heat stress can take several forms and it results from working in a hot environment. When the body is unable to cool itself by sweating, heat induced illnesses such as heat stress, heat exhaustion, or heat stroke can occur. All employees shall have access to adequate drinking water throughout the work day. In extreme heat, it is recommended to drink electrolytes in addition to water. When beginning work in a hot environment it might be necessary to take additional breaks until the employee is acclimated to the climate.
- **Cold Stress:** Cold-related illnesses can slowly overcome a person who has been chilled by low temperatures, brisk winds, and wet clothing. Frostbite usually affects the fingers, hands, toes, feet, ears, and nose. Employees should dress in layers and wear clothing to guard against cold, wet, and windy conditions. Take frequent short breaks to warm-up as needed.
- **Lightning:** Avoid working during thunderstorms. Follow the 30/30 Rule – seek shelter if the “Flash-To-Bang” delay (length of time in seconds between a lightning flash and its subsequent thunder) is 30 seconds or less, and remain under cover until 30 minutes after the final clap of thunder. During a thunderstorm, seek shelter in a building with plumbing and electrical wiring or vehicle with a metal top. Vehicles with non-metal tops/enclosures such as fiberglass, cloth or plastic are not considered effective protection against lightning. Avoid open, bare areas. Do not cross water bodies.
- **Dust Storm:** In the event a dust storm develops in the work area all employees will take shelter in buildings or vehicles and wait for the dust to subside. Do not drive in dust storms. If driving pull to side of road with running lights and headlights left in the on position to provide visibility to other motorists.
- **Tornadoes:** If outdoors seek shelter in a culvert, ditch or cave. Lie flat in a ditch and cover your head. In a building, the best shelter is inside the basement or interior room on the lowest floor.
- **Ultraviolet Radiation:** When working outdoors employees are subject to ultraviolet radiation – even when the temperature is low. To prevent skin damage due to sun exposure, keep your skin covered. Wearing pants, long sleeve shirts and hats can assist in preventing skin damage. Sun screen with an SPF factor of at least 30 is recommended for areas that are not covered by clothing.

2) Biological Hazards and Controls

- **Snakes:** Snakes are typically found in underbrush and tall grassy areas. Most snake bites occur below the knee, on the hand or on the forearm. It is recommended that employees use gauntlet gloves, high-top leather boots, and extra care when walking through underbrush or tall grass. If you are bitten by a snake:
 - (i) Stay calm. Notify co-workers to help you seek medical attention. Seek medical attention from the nearest medical facility.
 - (ii) Immobilize the affected limb, keeping the bitten part below the level of the heart. Even if the snake is not venomous, excellent wound care is required. A tetanus booster shot is needed if the employee has not had one within the last 5 years.
 - (iii) Do not cut the bite open and suck out the venom. Do not apply ice, cold packs, or Freon spray.
 - (iv) As with all puncture wounds, snakebites carry a high risk of infection, whether or not venom is injected. Clean the wound carefully with soap and water.
- **Bees and Other Stinging Insects:** Bees, wasps, and other stinging insects may be encountered almost anywhere and may present a serious hazard, particularly to people who are allergic. Carry a kit if you have had allergic reaction in the past, and inform your crew leader (typically Supervisor/foreman/lead man). Watch for and avoid nests while working. If stung and the stinger is present, remove it carefully with tweezers. Wash and disinfect the wound, cover it and apply ice. Watch for an allergic reaction and seek medical attention if a reaction develops.

VI. REPORTING OF INJURIES

All employees will be held accountable for filling out a First Report of Injury Form immediately after an injury occurs, even if medical treatment is not required (Notice must be made at or near the time of the injury). Enel Green Power will require notification no later than 12 hours after the incident. Employees must report the injury to their supervisor/project manager. A casual mentioning of the injury will not be sufficient. Employees must let their supervisor know immediately:

1. How they think they hurt themselves
2. What they were doing at the time
3. Who they were working with at the time
4. When and where it happened
5. Other pertinent information that will aid in the investigation of the incident. Failure to report an injury immediately (meaning at or near the time of the injury) is a violation of the Safety Policy, and may result in immediate termination, in accordance with company policy.
6. Emergency Contact Information Sheet (See Above) will be posted onsite for supervisors and employees reference.

VII. NOTIFICATIONS

1) Non-Serious Injuries, Illness, and or Near Miss

After an incident where an employee is injured or involved in a Near Miss, notification of Supervisor/Project manager will happen immediately. The supervisor and employee will use the Occupational Clinic/Hospital listed on the Emergency Contact Information Sheet (See Above). Any employee who is taken to the hospital or clinic will be accompanied by a member of supervision.

a. Serious Injury or Death

In the event of a serious incident, immediate notification of:

1. Supervision, Safety Department and the Strategic Construction Solutions Executive Management Team after the incident is required.
2. Regulatory Agency Notification if applicable (OSHA, DOT, etc.) All communication with regulator agency will be handled by the Director of Safety or a member of the Executive Management Team.
3. Other steps to be taken are:
 - a. Statements from witnesses shall be taken
 - b. Statements are to be signed by witnesses and should include the time and date
 - c. Photographs of the area where the incident occurred and any other relevant items are to be taken
 - d. The Director of Safety will assist in the investigation
 - e. Root-cause investigation meeting will be organized and held within a reasonable time after incident.
 - f. Final report will be reviewed with Executive Management team prior to issuance to Clients and or regulatory agencies.
 - g. Responsible Contractor(s)
 - h. Responsible Manager

2) In Case of Inspection by OSHA Inspector

The Supervisor/foreman/lead man must notify the Director of Safety and Enel Green Power Management that an OSHA Inspector is on the jobsite. It is the responsibility of all employees to make the inspector's visit on the jobsite as pleasant and timely as possible.

IX. ENFORCEMENT OF SAFETY POLICY

Safety violation notice(s) shall be issued to any employee, subcontractor, or anyone on the jobsite violating the safety rules or regulations by on site supervision.

- 1) Any violation of safety rules can result in suspension or immediate termination

- 2) Any employee receiving three (3) written general violations within a six (6) month period shall be terminated
- 3) Issuance of a safety violation notice for failure to use fall protection or for failure to report a job injury (at the time of the injury) may result in immediate termination, in accordance with company policy

It is understood that Atwell is not restricting itself to the above rules and regulations. Additional rules and regulations as dictated by the job will be issued and posted as needed.

Summit has a ZERO TOLERANCE policy. Zero tolerance policy violations will result in the immediate dismissal of the individual(s) involved and permanent barring from the construction site.

Strategic Construction Solutions enforcement actions are referenced below:

ZERO TOLERANCE – IMMEDIATE REMOVAL & BARRED FROM SITE	
Fall Protection Hazard Violation – 6’ rule	
Excavation Hazard Violation – 5’ rule	
Lockout/Tagout Hazardous Energies Violation	
Life Threatening Energized Electrical Violation	
Confined Space Violation	
Willful Violation of any OSHA Standard	

X. SITE SANITARY FACILITIES

Strategic Construction Solutions will utilize existing site sanitary facilities throughout the project duration per contract requirements, including portable restrooms, hand wash stations and waste disposal containers at the direction of Enel Green Power. Good housekeeping and site cleanup practices will be maintained by both Strategic Construction Solutions and subcontractors so that the project site is clean and presentable at all times.

XI. ATTACHMENTS/FORMS

- 1) Safety Meeting Sign Up Sheet

SAFETY MEETING REPORT

A safety meeting report is signed to indicate attendance. The form has room for employees to sign after attending their weekly safety meeting. This form shall be filled out for each jobsite safety meeting that is held. After completion of the form, make a copy to maintain at each jobsite and return the signed original copy to the main office.

Safety Meeting Date: _____

Topic: _____

Safety Meeting Conducted By: _____

Employee Name (printed)	Employee Signature	Job Title

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