



THUNDER SPIRIT WIND, LLC



28 October, 2013

Mr. Darrell Nitschke
Executive Secretary
North Dakota Public Service Commission
600 E. Boulevard Ave, Department 408
Bismarck, ND 58505

SUBJECT: Thunder Spirit Wind Energy Project, Adams County, ND (Case No. PU-11-601)

Dear Mr. Nitschke,

On behalf of Thunder Spirit Wind, LLC, I am providing you with a copy of the minutes of Thunder Spirit's preconstruction telephone conference, which was conducted with Jerry Lein on 24 October 2013.

Please feel free to contact me at 518-638-6938 or dalbano@globalwinds.com if you have any questions.

Thanks and best regards,

Dan Albano
Thunder Spirit Wind, LLC

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Preconstruction telephone conference minutes

Thunder Spirit Wind, LLC

Dan Albano

Thunder Spirit Wind (TSW) Preconstruction Conference Call – 24 October 2013, 2-3pm CT (ND PSC Case # PU-11-601)

Attendees: Jerry Lein (PSC), Emmy Baskerville (Houston Engineering, PSC 3rd party consultant), Russ Morris (Weden Morris Wind Engineering, on behalf of TSW), Erich Bachmeyer (TSW), and Dan Albano (TSW).

Minutes: Following introductions, JL referred all to TSW's Findings of Fact, Conclusions of Law and Order, which was executed and issued by the PSC on 9 October 2013.

- On p. 11 of this doc JL emphasized two stipulations of the Commission's Orders: # 4, which requires that TSW submit a copy of its Bird and Bat Conservation Strategy to the PSC when it is complete and # 5, which requires that TSW submit a map of the final turbine layout prior to construction, along with information on the final turbine selected for the project. In regard to the latter, DA asked for clarification on Findings of Fact #7 issued by the Commission on p. 3 ("TSW plans to use either Vestas V100 2MW turbines, or Seimens SWT108 2.3MW turbines, or Acciona AW116 3MW turbines."). DA said that TSW understands that these 3 machines were used in the TSW application to represent the range of worst case potential impacts associated with these machines (e.g., sound, flicker, setback distances based on tower and rotor dimensions) but that TSW may use any other commercially available turbine for the project as long as that machine's potential impacts do not exceed those of the 3 representative turbines used in the application. JL said that he could concur with this understanding provided that TSW first notify the commission and provide turbine specifications for any other turbine it plans to use.
- JL then referred all to TSW's "Certification Relating to Order Provisions – Energy Conversion Facility Siting" which is appended to the Findings of Fact. JL read through all 40 of the certifications made by TSW, while making various points about particular items:
 - #5: TSW should file a Notice of Intent to begin construction as soon as that date is known. Weekly updates on construction progress should also be filed regularly.
 - #14: JL suggested that TSW document existing road conditions (e.g., by videotaping) to eliminate any doubt about road damage attributable to project construction versus other causes.
 - #30: Should an extraordinary event occur during construction (exceptional wildlife mortality, accident, encounter with underground facilities, etc.) TSW should notify the PSC directly, not just in the weekly construction report.
 - #33: TSW's submission of engineering plans prior to construction should include 1 hard copy and 1 electronic copy. Should only a portion of the project be constructed during Fall 2013 (e.g., road construction) then drawings for only that portion need be filed.

- #34: Should TSW desire to modify any part of the existing/permitted site plan then modified plans must be sent ASAP to JL so that he may seek PSC staff approval for the changes.
 - #35: As-built drawings should be filed with the PSC in hard and electronic formats; the hard copy format should be folded to accommodate standard 8.5x11" filing.
 - #36: TSW should file a decommissioning plan with the PSC; the question of whether this should be done prior to construction was left open.
 - #39: JL stressed the importance of TSW's compliance with ND's One Call system prior to beginning any site excavation. He also stressed that if anything is encountered while digging that both One Call and the PSC should be notified directly.
- JL then reviewed the responsibility of TSW to comply with Tree and Shrub Mitigation Specifications (also appended to the Findings of Fact doc). He pointed out that if TSW needs to remove any trees that it should get a proposed plan approved prior to making the replacement.
 - In regard to construction monitoring by the PSC's third party consultant, Houston Engineering requested that TSW provide a copy of its Site Safety Plan prior to construction, so that HE staff can be prepared to comply with all requirements.

End of conference.