

## Hamre, John G.

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**From:** Johnson, Brian L.  
**Sent:** Friday, December 17, 2021 1:07 PM  
**To:** Fedorchak, Julie L.; Kroshus, Brian; Christmann, Randel D.  
**Cc:** -Info-Public Service Commission  
**Subject:** FW: Rugby Wind - Case No. PU-05-47  
**Attachments:** Updated Summary of Rugby ADLS Process\_se.docx

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**From:** Durocher, Jeffrey <Jeffrey.Durocher@avangrid.com>  
**Sent:** Friday, December 17, 2021 1:03 PM  
**To:** Johnson, Brian L. <brljohnson@nd.gov>  
**Cc:** Landoni, Peter <Peter.Landoni@avangrid.com>; Jacobs, Barb <Barb.jacobs@avangrid.com>; Emery, Sarah <Sarah.Emery@avangrid.com>; Bartunek, Tina <Tina.Bartunek@avangrid.com>; Parsons, Amy <Amy.Parsons@avangrid.com>  
**Subject:** Rugby Wind - Case No. PU-05-47

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Mr. Johnson,

Pursuant to the discussion at today's hearing in the above-referenced matter, attached is a brief update and summary for entry in the record. Please let me and our team (cc'd here) know if you have any questions.

Many thanks and happy holidays.

- Jeffrey

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# Updated Summary of Rugby ADLS Process

December 17, 2021

Background. Parallel process to acquire LIDS and ADLS commenced in 2020. Decision to eliminate LIDS and proceed with ADLS made in May 2021, commencing procurement process, with estimated equipment delivery in October 2021. Installation planned for November 2021.

November 2, 2021 Petition summarized the potential for delays that had arisen, progress and plan for completion.

Update since November 2, 2021. Delays reduced by 6-8 weeks. Uncertainty now relates to one piece of equipment (electronics cabinet).

- I. ADLS Radar system consists of (1) an antenna and (2) an electronics cabinet.
- II. Antenna construction completed and has been shipped to the US from Denmark. Estimated arrival to warehouse in Chicago is 12/24/21.
- III. Cabinet unit
  - i. Cabinet construction completed.
  - ii. Integration testing at the factory in Denmark estimated completion 12/17/21.
  - iii. Cabinet to be packed and shipped the week of 12/20/21. Cabinet will be shipped via Air Freight (expedited).
- IV. Resolved switch availability – pulled switches from company inventory.
- V. All components on site first week of January 2022.
- VI. Installation of weather-protection enclosure for electronics installation.
- VII. Lease amendment finalized and executed.
- VIII. Civil construction has begun at the site.
  - a. Road and gate construction completed to radar tower foundation
  - b. Concrete for tower foundation has been poured
- IX. Power and Fiber to the tower base to begin 12/20/21 and completed by 12/24/21.
- X. Tower steel has been manufactured and will be stored in a warehouse until installation.
- XI. ADLS compliant lights being installed.
  - a. About 30 of 58 lights have been installed
  - b. 58 of 58 estimated to be installed by 12/21/21
  - c. Crews working weekends and overtime to complete installations

Estimate for receipt of FCC license to operate expected January 2022, concurrent with installation.

Combined with January delivery date, 3-week commissioning/testing, and weather uncertainty, Rugby remains in need of a brief extension.