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Sent: Friday, April 30, 2021 4:27 PM

To: Martin, Dianne <Dianne.H.Martin@puc.nh.gov>

Cc: SEC: Admin <admin@sec.nh.gov>; Scott, Robert <Robert.scott@des.nh.gov>; Lavallee, Jon <jon.lavallee@doj.nh.gov>; Vincent Light <Vincent_Light@transalta.com>

Subject: Antrim Wind Energy AWE- ADLS Upgrade

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Dear Chairwoman Martin,

As part of our efforts to continuously find new opportunities to enhance the performance of our Aircraft Detection Lighting System (ADLS), we hosted the ADLS equipment manufacturer crew since April 7th, 2021 to complete the following main tasks including but not limited to:

- Completing health checks and preventative maintenance on both systems (including filter, dehydrator, review of motor wiring, checking oil level, tightening connections as needed, etc).
- Installing and programming power recorders on both systems to monitor system power stability.
- Installing longer UPS power cables in both systems and UPS network management cards in both systems, which will allow mains power event logging for better troubleshooting in the future if needed, as well as allow us to remotely cycle power of the entire ADLS.
- Installing temperature sensor in both systems to monitor cabinet environment for improved analysis of system performance.
- Loading new software upgrade on the both systems.

Over the next four weeks, the two ADLS radars at Antrim are in "override mode", until the end May. This means that the lights will be forced ON throughout the next four weeks. During this period, the equipment manufacturer will customize the radars for local conditions, and conduct efficiency testing with the newly installed software.

The specific tasks to be undertaken during the customization period include:

- Full setting to work process with new radar software
- Full programming of lighting control servers
- Integration of radar customization and lighting control servers
- Full integration of the two ADLS systems
- Efficiency testing and monitoring period
- Parameter adjustments based on efficiency period data analyzation

We would like to re-iterate that the ADLS installed at Antrim Wind Energy (AWE) facility was commissioned prior to the Commercial Operation Date (COD). The system is, and remains, compliant with all Federal Aviation Administration (FAA) requirements.

The current target date is end of May for full completion, although equipment manufacturer will aim to finish early if practical. We believe the completion of the above tasks are needed in order to enhance the efficiency of the system while stay complaint with FAA requirements. We will notify the SEC once tasks are completed and the ADLS returns to normal operation.

Sincerely,

Ethan Mollasalehi, P.Eng., PhD

Supervisor- US Wind and Solar Operations

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