

#L- 24564-ES-L-C
 ATS # 73311
 Fees Paid \$136.00 OK #64934
 Date Received 3/11/11

CONDITION COMPLIANCE APPLICATION

For Site Location, Natural Resources Protection Act & Stormwater Projects

This form shall be used to comply with a condition(s) on an Order that require approval from the Board or Department of Environmental Protection.

Please contact the DEP for current fee schedule information. The fee schedule is updated every November 1. Fees are payable to "Treasurer, State of Maine", and **MUST** accompany the application.

Please type or print in black ink only

| | | | |
|---|---|--|--|
| 1. Name of Applicant: | Fox Islands Wind LLC | 5. Name of Attorney: | Thomas R. Doyle |
| 2. Applicant's Mailing Address: | 66 Main Street Vinalhaven, ME 04863 | 6. Attorney's Mailing Address: | Pierce Atwood LLP One Monument Square Portland, ME 04101 |
| 3. Applicant's Daytime Phone #: | 617-320-7950 | 7. Attorney's Daytime Phone #: | 207-791-1100 |
| 4 Applicant e-mail address (REQUIRED): | gbaker@hbs.edu | 8. Attorney e-mail address (REQUIRED) | tdoyle@pierceatwood.com |
| LOCATION OF ACTIVITY | | | |
| 9. Name of Project: | Fox Islands Wind | | |
| 10. Name of Town where project is located: | Vinalhaven | 11. County | Knox |
| REQUIRED INFORMATION: | | | |
| 12. Existing DEP permit number: | #L-24564-ES-A-N | 13. Permit condition number(s): | #8 |
| 14. Summary of the information being provided: | Revised Operating Protocol pursuant to condition 8 of June 5, 2009 DEP Approval Order for Fox Islands Wind (FIW) Project. | | |
| 15. Project Manager, if known: | James Cassida / Dan Courtemanch | | |

This completed application form, fee and all supporting documents summarized above shall be sent to the appropriate DEP Office in Augusta, Portland or Bangor.

| | | |
|--|---|--|
| Bureau of Land and Water Quality 17 State House Station Augusta, ME 04333 Tel: (207) 287-3901 | Bureau of Land and Water Quality 312 Canco Road Portland, ME 04103 Tel: (207) 822-6300 | Bureau of Land and Water Quality 106 Hogan Road Bangor, ME 04401 (207) 941-4570 |
|--|---|--|

CERTIFICATIONS / SIGNATURES on PAGE 2

IMPORTANT: IF THE SIGNATURE BELOW IS NOT THE APPLICANT'S SIGNATURE, ATTACH LETTER OF AGENT AUTHORIZATION SIGNED BY THE APPLICANT.

By signing below the applicant (or authorized agent), certifies that he or she has read and understood the following :

CERTIFICATIONS / SIGNATURES

"I certify under penalty of law that I have personally examined the information submitted in this document and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I authorize the Department to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein.

Further, I hereby authorize the DEP to send me an electronically signed decision on the license I am applying for with this application by e-mailing the decision to the electronic address located on the front page of this application (see #4 and #8)"

Signed: SPAL Title CEO Date: April 11, 2011

**REVISED OPERATING PROTOCOL
FOR FOX ISLANDS WIND LLC
DEP License No. L-24564-ES-A-N**

Fox Islands Wind LLC (FIW) hereby submits this Revised Operating Protocol pursuant to Condition No. 8 of the above-referenced DEP License Order and the March 25, 2011 letter from the Department's James Cassida.¹

Project Description:

In order to reduce the sound level from the turbines by an additional 2 dBA under the specified meteorological conditions, Fox Islands Wind will instruct General Electric to program the turbines to go into new Noise Reduced Operations configuration between 7:00 PM and 7:00 AM whenever the following conditions are met:

- 1) **Wind Direction Condition.** The wind direction, as measured by the wind vane operating on the nacelle of Turbine # 2, is between 200° and 250°;
- 2) **Wind Shear Condition.** The surface level (10-meter) wind speed, as measured by an anemometer located as shown in Attachment 2, measures a 10-minute average wind speed of 6 mph or lower.

Achieving the additional 2 dBA of noise reduction requires the use of a new NRO configuration only recently made available by GE. The new NRO settings were tested on April 3, 2011. The results of this testing confirms that these new settings reduce the sound levels from the turbines by an additional 2 -3 dBA below the current nighttime NRO configuration. The attached report from Acentech (Attachment 1) documents these findings.

The present capabilities of the GE turbine control system include the ability to place the turbines into NRO settings based on time of day, hub-height wind speed, and hub-height wind direction. They do not include the ability to automatically place the turbines into NRO based on an external signal, such as that from a surface-level anemometer. At present, the only way that curtailment during high wind shear can be achieved is through manual adjustments done by GE at their Network Operations Center. This would involve significant expense for FIW.

GE has stated that the ability to automatically alter NRO settings based on an external signal will be available within a year. Until this capability is available, FIW will achieve the requested 2 dBA sound reduction by placing the turbines into the new NRO configuration during the nighttime whenever meteorological conditions satisfy the Wind Direction Condition regardless of the Wind Shear Conditions. This will result in more curtailment than is required to meet the standard.

¹ As indicated in prior meetings and in previous correspondence, FIW and its noise consultant, Acentech, Inc., do not agree that the FIW project has exceeded the nighttime hourly sound level in its permit or in the DEP noise rules during the 70-minute July 17-18, 2010 complaint period, or at any other time. Nevertheless, to demonstrate its good faith and continuing efforts to be a good neighbor, FIW is submitting this Revised Operating Protocol.

The noise reduction will be achieved by notifying the General Electric Network Operations Center of the revised NRO configuration. The new conditions under which NRO is to be implemented will be programmed into the site-specific SCADA (Supervisory Control and Data Acquisition) system that controls the turbines. Confirmation that the correct settings are in place will be achieved by monitoring of the operational logs produced automatically by the SCADA system.

The new NRO conditions and configuration will be put in place within one week of the Department's approval of this revised operating protocol.

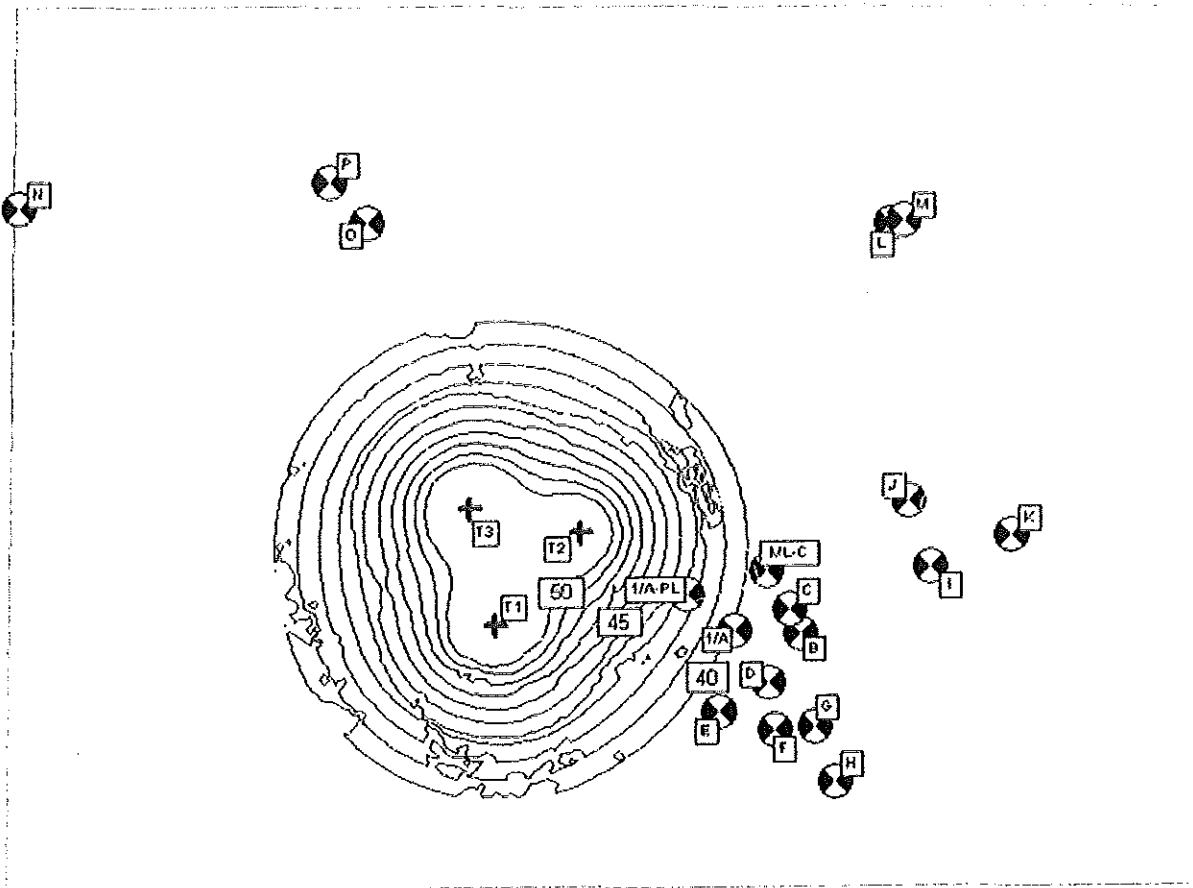
Once the capability to adjust NRO settings from an external signal is made available by GE, a MadgeTech Wind101A Wind Speed Data Logging system (or equivalent) will be installed at the location shown in Attachment 2. This system has integral serial communications that can be used as input into the SCADA system in the turbines. (See Specifications Sheet, Attachment 3.) General Electric will identify the detailed requirement for this data interface when it is available.

Site Plan:

A detailed site plan is included as Attachment 2.

Revised Noise Model:

**Sound Level Contours (40 dBA to 50 dBA in 1 dBA steps) for Nighttime Operation
with New Supplemental NRO Mode (4/6/2011) - 1**



Notes:

- * Nighttime with WTGs in New Supplemental NRO Mode
- * Terrain contours and foliage (5m high) over study area
- * Ground attenuation, $G = 0.0$

Tabulated below for the nearest protected locations are modeled sound levels with the revised new Noise Reduced Operation modes. These tabulated results clearly demonstrate that under the revised operation protocol the facility will be in compliance with the nighttime sound limit of 45 dBA at all protected locations surrounding the facility.

| Location | Revised NRO |
|-----------------|--------------------|
| 1/A | 40 |
| B | 38 |
| C | 38 |
| D | 38 |
| E | 39 |
| F | 37 |
| G | 36 |
| H | < 36 |
| I | < 36 |
| J | < 36 |
| K | < 36 |
| L | < 36 |
| M | < 36 |
| N | < 36 |
| O | 36 |
| P | < 36 |
| 1/APLine | 43 |
| ML-C | 40 |

Compliance Measurement Protocol:

The Operational Sound Measurement Compliance Protocol to be used is set forth in Attachment 4. FIW is utilizing the same Operational Sound Measurement Compliance Protocol approved by the Department, dated November 25, 2009, with only minor changes. The changes to this protocol are related to the selection of the compliance location: see Attachment 5 for a "redline" of the changes. This revised compliance protocol uses the Department's approved compliance location. The measurement location is the Webster property (ML-C), and measurements at that location are adjusted for distance to the Farnham property boundary, the nearest protected location to the FIW project. Per the original November 25, 2009 Operational Sound Measurement Compliance Protocol, sound measurements will be taken between May 1 and August 31. FIW intends to measure sound up to and including August 31, 2011, and not beyond that date.

Complaint Response Protocol:

FIW intends to use the same Complaint Response Protocol that was issued by the Department in 2010, last revised August 11, 2010, a copy of which is set forth in Attachment 6. Again, FIW intends to monitor sound on a continuous basis up to and including August 31, 2011.

Conclusion

This Revised Operating Protocol, which provides for additional Noise Reduced Operation (NRO) during the above defined meteorological conditions occurring during nighttime hours

thought by DEP to be of concern, will ensure that the FIW project will continue to be in compliance with the applicable nighttime and daytime standards during all hours of operation.

Operational Sound Measurement Compliance Protocol
Revised 11/25/09
Further Revised 4/11/2011

Operational Sound Measurement Compliance Protocol

Revised 11/25/09

Further Revised 4/11/2011

Compliance should be demonstrated, based on following outlined conditions for 12, 10-minute measurement intervals per monitoring location meeting 06-096 CMR 375.10 requirements.

Extraneous sounds could potentially or do complicate routine operation compliance assessment. If the applicant must adjust for such sounds, background ambient monitoring may be necessary. If background ambient monitoring is proposed, locations, times and methodology should be determined with concurrence from the MDEP.

- a. Compliance will be demonstrated when the required operating/test conditions have been met for twelve 10-minute measurement intervals at each monitoring location.
- b. Measurements will be obtained during weather conditions when wind turbine sound is most clearly noticeable, i.e. when the measurement location is downwind of the development and maximum surface wind speeds \leq (6-12) mph with concurrent turbine hub-elevation wind speeds sufficient to generate the maximum continuous rated sound power from the wind turbines to the measurement location. Sound measurements must be taken between the timeframe of May 1st to August 31st, during the inversion period. Measurement intervals affected by increased biological activities, leaf rustling, traffic, high water flow or other extraneous ambient noise sources that affect the ability to demonstrate compliance will be excluded from reported data. The intent is to obtain 10-minute measurement intervals that entirely meet the specified criteria. A downwind location is defined as within 45° of the direction between a specific measurement location and the acoustic center of the wind turbines.
- c. Meteorological measurements of wind speed and direction should be collected using anemometers at a 10-meter height above ground at the center of large unobstructed areas and generally correlated with sound level measurement locations. Results should be reported, based on 1-second integration intervals, and be reported synchronously with hub level and sound level measurements at 10 minute intervals. The wind speed average and maximum should be reported from surface stations.
- d. Sound level parameters reported for each 10-minute measurement period, should include A-weighted equivalent sound level, 10/90% exceedance levels and ten 1-minute 1/3 octave band linear equivalent sound levels (dB). Amplitude modulation repetitive events (multiple repetitive pulses) should be characterized by event duration and amplitude. Event frequency is defined as the average event frequency +/- 1SD and amplitude is defined as the peak event amplitude minus the average minima sound levels immediately before and after the event, as measured at an interval of 50 ms or less, A-weighted and fast time response, i.e. 125 ms. For each 10-minute measurement period short duration repetitive sound events should be reported by percentage of 50 ms or less intervals for each observed amplitude integer above 4 dBA. Reported measurement

results should be confirmed to be free of extraneous noise in the respective measurement intervals to the extent possible and in accordance with (b.).

e. The measurement location is the Webster property, (ML-C), as approved by DEP in Small-Scale Wind Certification Order L-24564-ES-J-M (Corrected Order), dated March 30, 2010. Measurements collected at the Webster property are adjusted for distance to determine the sound level at ML-A (the Farnham property boundary), the nearest protected location.

Compliance data collected in accordance with the assessment methods outlined above for the compliance location must be submitted to the Department for review and approval prior to the end of 2011. Compliance testing for the authorized compliance location or alternate location in this assessment must be submitted to the Department following any noise related complaints after the commencement of operations submitted to the Department in accordance with the noise complaint protocol (revised August 11, 2010), with consideration for the required weather, operations and seasonal constraints.

Attachment 6

Complaint Response Protocol

Peer Review of data for Fox Islands Wind, LLC
June 23, 2010

Revised August 11, 2010

Warren Brown of EnRAD has reviewed the Fox Island Wind project noise data collected and submitted to the department by both FIW and the public and determined that the noise data as currently submitted is not in compliance with the requirements of Chapter 375.10 (H) and as such is insufficient to demonstrate compliance or noncompliance of the Fox Island Wind project.

Project compliance protocol: In order to determine project compliance **ALL** FIW noise compliance data must be collected in accordance with the Chapter 375.10 (H) standards outlined below (emphasis added) and the following requirements:

1. All noise and associated data collected must be submitted to the department by an individual "qualified professional" whose scope of services includes environmental (community) acoustic measurements in accordance with 375 H (2.1). The qualified professional may use on-site assistants to collect noise and associated data provided that all on-site assistants are pre-approved by the department prior to collecting any data. Pre-approval shall include the submittal of the names of the on-site assistants, a training outline supplied by the qualified professional providing over site, and a description of the qualified professional's oversight arrangement.
2. All compliance data submitted by the permit holder must include an analysis prepared by the qualified professional for department review in addition to the raw data and associated specifications.
3. All data submittals must be accompanied by all instrument (meteorological and acoustical) specifications, limitations and certifications;
4. All data submittals must be accompanied by all instrument calibrations as specified in H (2.3)(a & b);
5. All data submittals must be accompanied by all manufacturer's windscreen performance specifications;
6. All data submittals must be collected at a measurement location (meteorological and acoustical), configuration and environment approved by the department;
7. All data submittals must be accompanied by observer field notes or in lieu of field notes, a characterization of the field conditions at the time of measurement prepared by the qualified professional based on best available data. Specifically, the department is looking for a characterization of background conditions that may otherwise affect the sound measurement such as increased biological activities, leaf rustling, traffic, high water flow or other extraneous ambient noise sources.;
8. All data submittals must be accompanied by concurrent time stamped audio recordings; and

9. All data submittals must be submitted in accordance with the reporting criteria as outlined in the document entitled "Fox Islands Wind Power Project Noise Impact Assessment-Peer Review" dated November 25, 2009.
10. All data submittals must be accompanied by concurrent, time stamped turbine data (meteorological/operational) + 10m surface METS. This data must include appropriate NRO setting when applicable.

Noise complaint protocol: All noise complaint data submitted by interested parties must to the extent practicable be collected in accordance with the Chapter 375.10 (H) standards and the following requirements. The department recognizes that the interested parties are not bound to the compliance protocol approved as part of the license for Fox Island Wind, LLC.; however, data collected in a manner contrary to the protocol outlined below will be difficult to effectively analyze and may be discounted by the department.

1. All noise complaints must be submitted to the department by an individual "qualified professional" whose scope of services includes environmental (community) acoustic measurements in accordance with 375 H (2.1). The qualified professional may use on-site assistants to collect noise and associated data provided that all on-site assistants are pre-approved by the department prior to collecting any data. Pre-approval shall include the submittal of the names of the on-site assistants, a training outline supplied by the qualified professional providing over site, and a description of the qualified professional's oversight arrangement.
2. All noise data collected by qualified assistants must be sent to the qualified professional for initial analysis. If the qualified professional determines that a particular data collection warrants analysis as a complaint "data of interest" the qualified professional will notify the department project manager and the permit holder to request all data, including noise data, time stamped turbine data, and 10m meteorological data for the specific period being considered. The permit holder will respond by sending the requested information to the qualified professional and the department within 7 days of receiving the request. Upon receipt of the permit holder data the qualified professional will analyze the data and determine if a formal complaint is warranted.
3. If a data of interest is determined to warrant a formal noise complaint, the qualified professional will file the complaint with the department along with all corroborating data and send a copy of the complaint and associated data directly to the permit holder.
4. Upon receipt of a formal complaint the department will forward the complaint data to its outside noise peer review agent for analysis. The outside noise peer review agent shall review the complaint data and report back to the department project manager within 14 days of receiving the complaint.
5. All data submittals must be accompanied by all instrument (meteorological and acoustical) specifications, limitations and certifications;
6. All data submittals must be accompanied by all instrument calibrations as specified in H (2.3)(a & b);

7. All data submittals must be accompanied by all manufacturer's windscreen performance specifications;
8. All data submittals must be collected at a measurement location (meteorological and acoustical), configuration and environment approved by the department;
9. All data submittals must be accompanied by observer field notes or in lieu of field notes, a characterization of the field conditions at the time of measurement prepared by the qualified professional based on best available data. Specifically, the department is looking for a characterization of background conditions that may otherwise affect the sound measurement such as increased biological activities, leaf rustling, traffic, high water flow or other extraneous ambient noise sources;
11. All data submittals must be accompanied by concurrent time stamped audio recordings; [The department would prefer that the time stamp correspond directly to the actual noise data collection. If it is not clear that the sound recording directly corresponds to the noise data collection interval the department will likely discount the complaint data.] and

H. Measurement Procedures

- (1) **Scope. These procedures specify measurement criteria and methodology for use, with applications, compliance testing and enforcement.** They provide methods for measuring the ambient sound and the sound from routine operation of the development, **and define the information to be reported.** The same methods shall be used for measuring the sound of construction, maintenance and production blasting activities. For measurement of the sound of production blasting activities for comparison with the limits of subsection C(4)(c), these same methods shall be used with the substitution of the linear sound level for the A-weighted sound level.

- (2) Measurement Criteria

2.1 Measurement Personnel

Measurements shall be supervised by personnel who are well qualified by training and experience in measurement and evaluation of environmental sound, or by personnel trained to operate under a specific measurement plan approved by the Board or Commissioner.

2.2 Measurement Instrumentation

- (a) **A sound level meter or alternative sound level measurement system used shall meet all of the Type 1 or 2 performance requirements of American National Standard Specifications for Sound Level Meters, ANSI S1.4-1983.**

- (b) An integrating sound level meter (or measurement system) shall also meet the Type 1 or 2 performance requirements for integrating/averaging in the International Electrotechnical Commission Standard on Integrating-Averaging Sound Level Meters, IEC Publication 804 (1985).
- (c) A filter for determining the existence of tonal sounds shall meet all the requirements of American National Standard Specification for Octave-Band and Fractional Octave-Band Analog and Digital Filters, ANSI S1.11-1986 for Order 3, Type 3-D performance.
- (d) An acoustical calibrator shall be used of a type recommended by the manufacturer of the sound level meter and that meets the requirements of American National Standard Specification for Acoustical Calibrators, ANSI S1.40-1984.
- (e) A microphone windscreen shall be used of a type recommended by the manufacturer of the sound level meter.

2.3 Calibration

- (a) The sound level meter shall have been calibrated by a laboratory within 12 months of the measurement, and the microphone's response shall be traceable to the National Bureau of Standards.
- (b) Field calibrations shall be recorded before and after each measurement period and at shorter intervals if recommended by the manufacturer.
- (c) The microphone shall be positioned at a height of approximately 4 to 5 feet above the ground, and oriented in accordance with the manufacturer's recommendations.

All provisions in the Department Order must be followed, with emphasis on several portions of the Small Wind Citing Certification Department Order #L-24564-ES-A-N as follows:

1. Extraneous sounds could potentially or do complicate routine operation compliance assessment. If the applicant must adjust for such sounds, background ambient monitoring may be necessary. If background ambient monitoring is proposed, locations, times and methodology should be determined with concurrence from the MDEP.
 - a. Measurements will be obtained during weather conditions when wind turbine sound is most clearly noticeable, i.e. when the measurement location is downwind of the development and maximum surface wind speeds \leq (6-12) mph with

concurrent turbine hub-elevation wind speeds sufficient to generate the maximum continuous rated sound power from the wind turbines to the measurement location. **Measurement intervals affected by increased biological activities, leaf rustling, traffic, high water flow or other extraneous ambient noise sources that affect the ability to demonstrate compliance will be excluded from reported data.** The intent is to obtain 10-minute measurement intervals that entirely meet the specified criteria. A downwind location is defined as within 45° of the direction between a specific measurement location and the acoustic center of the wind turbines.

b. Sensitive receiver sound monitoring locations should be positioned to most closely reflect the representative protected locations for purposes of demonstrating compliance with applicable sound level limits, subject to permission from the respective property owner(s). **Selection of monitoring locations should require concurrence from MDEP.**

c. **Meteorological measurements of wind speed and direction should be collected using anemometers at a 10-meter height above ground at the center of large unobstructed areas and generally correlated with sound level measurement locations. Results should be reported, based on 1-second integration intervals, and be reported synchronously with hub level and sound level measurements at 10 minute intervals. The wind speed average and maximum should be reported from surface stations. MDEP concurrence on meteorological site selection is required.**

d. **Compliance locations should be determined in consultation with the Department.** Compliance data collected in accordance with the assessment methods outlined above for representative locations selected in accordance with this protocol should be submitted to the Department for review and approval prior to the end of the first year of facility operation. Compliance testing for each or any location indicated A-E in this assessment should be required following significant noise related complaints (locations A-E) after the commencement of operation, with consideration for the required weather, operations, and seasonal constraints.

WIND101A SPECIFICATIONS*

Measurement Range: 0 to 100 mph (0 to 45 m/s)
Resolution: 0.085 mph at 10 second reading interval
Accuracy: ± 2.0 mph from 0 to 10 mph
 $\pm 2.5\%$ of reading from >10 to 100 mph
Starting Threshold: 1.75 mph
Reading Rate: 1 reading every second to 1 every 24 hours
Memory: 500,000 readings; software configurable memory wrap
 250,000 readings in multiple start/stop mode

Wrap Around: Yes

Start Modes:

- Immediate start
- Delay start up to 18 months
- Multiple pushbutton start/stop

Multiple Start/Stop Mode: Start and stop the device multiple times without having to download data or communicate with a PC

Multiple Start/Stop Mode To start the device:
Activation: Press and hold the pushbutton for 5 seconds, the green LED will flash during this time. The device has started logging.

To stop the device:
 Press and hold the pushbutton for 5 seconds, the red LED will flash during this time. The device has stopped logging.

Real Time Recording: The device may be used with PC to monitor and record data in real-time

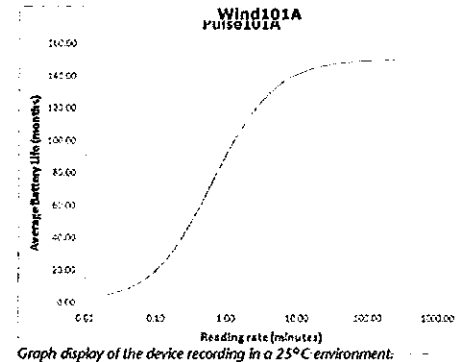
LED Functionality: Green LED blinks:
 10 second rate to indicate logging
 15 second rate to indicate delay start mode

Red LED blinks:
 10 second rate to indicate low battery and/or full memory
 1 second rate to indicate an alarm condition

Password Protection: An optional password may be programmed into the device to restrict access to configuration options. Data may be read out without the password.

Engineering Units: See the Wind101A Quick Setup Guide for instructions on how to program windspeed engineering units.

Battery Type: 3.6V lithium battery included; user replaceable
Battery Life: 10 years typical, dependent upon frequency and duty cycle



Time Accuracy: ± 1 minute/month (at 20°C/68°F, stand alone data logging)

Computer Interface: USB (Interface cable included); 115,200 baud
Software: XP SP3/Vista/Windows 7

Anemometer Operating -55°C to +60°C (-67°F to +150°F);
Environment: 0%RH to 100%RH

Data Logger Operating -40°C to +80°C (-40°F to +176°F),
Environment: 0%RH to 95%RH non-condensing

Anemometer 2.1" height x 7.53" Diameter
Dimensions: (54mm height x 192 mm dia.)
 (mount post not included)

Housing Dimensions: 2.9" x 5.8" x 1.5"
 (74mm x 148mm x 39mm)

Weight: 18.1 oz (513 g)

Materials: ABS Plastic

BATTERY WARNING: WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVER DISCHARGE, DISASSEMBLE, CRUSH, PENETRATE OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 80°C (176°F).

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC WARRANTY AND REMEDY LIMITATIONS APPLY. CALL 1-603-456-2011 OR GO TO WWW.MADGETECH.COM FOR DETAILS.

ORDERING INFORMATION

| MODEL | DESCRIPTION | PRICE (U.S.) |
|--------------|--|--------------|
| Wind101A | Wind speed recording system. Includes 3-cup anemometer with sensor connection cable (25'), data recorder, weatherproof enclosure and the IFC200 (USB) Interface cable and software kit. | \$419.00 |
| Wind101A-50 | Wind speed recording system. Includes 3-cup anemometer with sensor connection cable (50'), data recorder, weatherproof enclosure and the IFC200 (USB) interface cable and software kit. | \$469.00 |
| Wind101A-100 | Wind speed recording system. Includes 3-cup anemometer with sensor connection cable (100'), data recorder, weatherproof enclosure and the IFC200 (USB) interface cable and software kit. | \$519.00 |
| Wind101A-150 | Wind speed recording system. Includes 3-cup anemometer with sensor connection cable (150'), data recorder, weatherproof enclosure and the IFC200 (USB) interface cable and software kit. | \$569.00 |
| LTC-7PN | Replacement battery for Wind101A | \$10.00 |



- Temperature
- Humidity
- Pressure
- pH
- Level
- Shock
- LCD Display
- Pulse/Event/Sta
- Current
- Voltage
- Wireless
- Intrinsically Sa
- Spectral Vibrati
- Motion