Subject: MITIGATION OF DEVELOPMENT IMPACTS OF A WIND TURBINE ENERGY PROJECT IN PERQUIMANS AND PASQUOTANK COUNTIES, NORTH CAROLINA, FAA ASN 2014-WTE-3610-OE AND ALL AFFILIATED FILINGS

Parties: Department of Defense (DoD)

Department of the Navy (Navy)

Iberdrola Renewables, LLC (Iberdrola Renewables)

Atlantic Wind, LLC (Atlantic Wind)

References: (a) Section 358 of the Ike Skelton National Defense Authorization Act for Fiscal

Year 2011, as amended by Section 331 of Public Law 112-81

(b) 32 Code of Federal Regulations (CFR) Part 211

Attachment: (A) Federal Aviation Administration Filings: Desert Wind- 104 Wind

Turbines + 1 Permanent Meteorological Tower for ROTHR

Section 1. Preamble and Purpose

A. Pursuant to references (a) and (b), it is an objective of the DoD to ensure that the robust development of renewable energy sources and the increased resiliency of the commercial electrical grid may move forward in the United States, while minimizing or mitigating any adverse impacts on military operations and readiness. Atlantic Wind, owned by Iberdrola Renewables, proposes to construct and operate one hundred and four (104) wind turbines and one (1) or more meteorological tower(s), as described in FAA ASN 2014-WTE-3610-OE and affiliated filings listed in Attachment (A) to the Agreement, along with the balance of plant facilities and equipment located in Perquimans and Pasquotank counties in eastern North Carolina (hereinafter "Wind Project"). An additional forty-six (46) turbines may be developed in association with the Wind Project but are not within the scope of this Agreement. In order to mitigate the potential adverse impact of the Wind Project upon the Navy's operation by the Forces Surveillance Support Center (FSSC) of the Re-locatable Over-the-Horizon Radar (ROTHR) at Naval Support Activity Hampton Roads Northwest Annex, Chesapeake, Virginia, in support of the requirement to provide wide area surveillance to the United States Southern Command (SOUTHCOM) counter-drug detection and monitoring mission under 10 U.S.C. § 124, the Parties have worked cooperatively to meet the desired goals of supporting military operations and readiness simultaneously with the production of renewable energy.

B. Modeling suggests that a potential conflict may exist between the Navy's operation of the ROTHR and spinning wind turbines associated with the Wind Project. The Parties agree that the degree of potential conflict is dependent upon the proximity of the wind turbines to the ROTHR, the overall spatial distribution of the Wind Project layout, the wind turbine model, yaw angle, the prevailing wind direction, and other factors which may or may not be known or understood as of the date of this Agreement. The Parties have focused on de-conflicting these activities and agree that the terms below will allow the mutual goals of the Parties to be met.

Section 2. Terms and Provisions

A. This Agreement is structured to enable Iberdrola Renewables and Atlantic Wind to proceed immediately with the construction and operation of the Wind Project. Iberdrola Renewables and Atlantic Wind agree to restrict the construction of the Wind Project turbines to the specific geographic coordinates, to an accuracy of +/-100 feet, listed in Attachment (A) to this Agreement.

B. The Wind Project: The 104 Approved Gamesa G114 Wind Turbines Listed in Attachment (A)

- 1. Within five (5) days of the Effective Date of this Agreement, the DoD and the Navy (acting through the Navy Airspace Office) agree to transmit "No Objections" to the aeronautical study numbers corresponding to the wind turbine locations listed on Attachment A to this Agreement. Further, the DoD and the Navy agree not to posit any objection to the construction and operation of the Wind Project under the Federal Aviation Administration (FAA) Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) system or other federal, state, or local regulatory entity with jurisdiction over the Wind Project, provided that Iberdrola Renewables or Atlantic Wind carry out the terms of this Agreement. The phrase "agree not to posit any objection" above does not limit the regulatory authority of the U.S. Army Corps of Engineers to issue, condition, or deny a permit for the Wind Project pursuant to the Federal Clean Water Pollution Control Act or the Rivers and Harbors Act of 1899.
- The design of the Wind Project with respect to turbine locations is final and Iberdrola Renewables and Atlantic Wind agree to limit the placement of the Wind Project turbines to only those locations listed in Attachment (A) to this Agreement.

3. No changes greater than 100 feet in any cardinal direction are permitted to the location of the wind turbines listed in Attachment (A) to the Agreement without prior written agreement from the DoD and the Navy.

4. Analysis of Impact during Wind Project Test Energy Phase

- a. Following the installation of each wind turbine, Iberdrola Renewables and Atlantic Wind will conduct testing of the wind turbine and associated equipment and its ability to generate power and deliver power to the transmission system. This testing and commissioning process will occur for each wind turbine (individually, a "Test Energy Procedure," and collectively, the "Test Energy Phase"). During the Test Energy Phase, Iberdrola Renewables will send to the Navy a daily electronic communication (an e-mail addressed to: James.porter1@navy.mil and Jack.buckingham@navy.mil) that outlines in advance the planned Test Energy Procedure for that day.
- b. The Navy agrees to determine the need for and conduct measurements and analysis regarding any impact on the operation of the ROTHR caused by the Test Energy Procedure of various wind turbines, and agrees to share with Iberdrola Renewable and Atlantic Wind any results. The Parties will work cooperatively/collaboratively during the "Test Energy Phase" similar to that which occurred during the ground wave path propagation study of May 2014 in support of the Wind Project. The analysis conducted by the Navy during this "Test Energy Phase" will occur on a not to interfere basis. Iberdrola Renewables and Atlantic Wind agree to provide support to this analysis that may include on/off intervals, and turbine rotation rates and pointing directions during on intervals during the Test Energy Procedures. If the results indicate a demonstrable adverse impact would be caused by the simultaneous operation of all turbines in the Wind Project) on operation of the ROTHR, the Parties will immediately confer with the assistance of a mutually acceptable technical expert and discuss how the impact was determined, investigate what factors might be contributing to the impact on the operation of the ROTHR, and discuss strategies which will likely prevent a reoccurrence of the impact. The Navy's ROTHR Program Office would be responsible to first rule out space weather events, i.e., geomagnetic, solar radiation storms and radio blackouts caused by the sun.
- 5. Commencement of Operations Notice. Within thirty (30) days of completion of construction of the 104 Gamesa G114 wind turbines in Attachment (A) to this Agreement, Iberdrola Renewables and Atlantic Wind will provide the Navy copies of the FAA form 7460-2, including the final coordinates for each turbine

erected. Atlantic Wind will notify the Navy of the electricity generation commencement date, also known as the Commencement of Operations Notice.

- 6. Confidence Building Measures Establishment of a Baseline- Monitoring **Protocol.** Each month during the first (1st) year following the Commencement of Operations Notice, Iberdrola Renewables or Atlantic Wind will provide 10minute wind direction and revolutions (RPM) readings from each wind turbine in Attachment (A) to the ROTHR Program Office to assist in establishing a radar noise (and wind turbine clutter interference) baseline. The baseline is the interference (generated noise) of the Wind Project as measured at the ROTHR location. If the Wind Project is determined to cause a demonstrable adverse impact, the Parties will confer with the assistance of a mutually acceptable technical expert to establish the noise level baseline and the Monitoring Protocol. The Monitoring Protocol shall determine which factors are adversely impacting the operation of ROTHR by exceeding the -76 dB sub-clutter threshold and discuss strategies under the control of Iberdrola Renewables or Atlantic Wind which will likely prevent a reoccurrence of the impact while generating the maximum amount of energy and also optimizing SOUTHCOM mission detection requirements on the ROTHR system. Notwithstanding the foregoing, participation by Iberdrola Renewables and Atlantic Wind in the discussion and conference shall not obligate Iberdrola Renewables or Atlantic Wind to undertake any measures that Iberdrola Renewables, in its sole discretion, deems infeasible for any reason or no reason.
- 7. Following Commencement of Operation Notice. In the event that the operation of the wind turbines repeatedly and steadily causes the ROTHR to exceed the -76 dB sub-clutter threshold used by the Parties in determining the acceptable level of degradation to the operation of the ROTHR caused by the operation of the 104 wind turbines listed in Attachment (A) to this Agreement, despite the best efforts of the Parties in implementing the Monitoring Protocol in subsection (6) above, and if there is an adverse impact to Navy's operations, the Parties will immediately confer with the assistance of a mutually agreeable technical expert.

Section 3. Curtailment for National Security or Defense Purposes

A. The Parties acknowledge that curtailment of the Wind Project outside of national security or defense purposes as discussed in this Section of this Agreement is not required for the Wind Project.

- B. "National security or defense purposes" are defined as those emergency circumstances where the President of the United States, the Secretary of Defense, or a combatant commander under 10 U.S.C § 164 directs a change to the mission of the ROTHR in support of emergency circumstances. National security or defense purposes do not include directed routine or non-routine service changes to the mission of the ROTHR. The Navy may request and Iberdrola Renewables and Atlantic Wind agree to immediately curtail wind turbine operations for a national security or defense purpose. Curtailment may not be requested except for a national security or defense purpose. Curtailment for national security or defense purposes will be temporary in nature and extend only so long as is absolutely necessary to meet the discrete, temporary and stated national security or defense purpose. This Agreement in no way precludes Iberdrola Renewables and Atlantic Wind from seeking any and all legal or equitable remedies for any curtailment associated with a national security emergency. Any request for curtailment under this paragraph will be communicated between the Parties, via the Points of Contact listed in Section 7, and will include the releasable portions of the President's, the Secretary's, or the combatant commander's mission order.
- C. "Curtailment" means the temporary cessation of wind turbine operations when the wind turbine blades are in a fully feathered position, because the Navy has notified either Iberdrola Renewables or Atlantic Wind that a national security or defense purpose is in effect. The nature of such curtailment requires that all rotor blades be completely restricted to incidental rotation by placing the turbines in pause or stop mode and removing the turbines from service.
- D. Curtailment begins when wind turbine blade pitch is in a fully feathered position. Curtailment ends after the Navy provides notification to either Iberdrola Renewables or Atlantic Wind that cessation of operations is no longer required.
- E. It is a priority for the Navy to protect national defense capabilities and military operations, including military installations, research, development, test and evaluation activities; and military readiness activities from compromise and exploitation which may occur due to an activity under foreign control operating in the vicinity of those national defense capabilities and military operations.
 - Iberdrola Renewables and Atlantic Wind acknowledge that there may be national
 security considerations associated with any request by the Navy for curtailment in
 accordance with the terms of this Agreement and any curtailment resulting
 therefrom. Iberdrola Renewables and Atlantic Wind therefore agree not to
 disclose any such request or any curtailment resulting therefrom without the prior
 consent of the Navy, and the Navy agrees that consent to disclose to a business

- counterparty with which a non-disclosure agreement is in place will not be unreasonably withheld.
- 2. Iberdrola Renewables and Atlantic Wind have provided advance written notice to the Navy of:
 - a. The names of business entities having a direct ownership interest in the Wind Project.
 - b. The business entity name of material vendors with which Iberdrola Renewables and Atlantic Wind will potentially execute a contract to perform construction, supply turbines or conduct operations activities at the location of the Wind Project.
- 3. Navy agrees to identify any vendor posing a potential risk to national security to Iberdrola Renewables and Atlantic Wind no later than November 28, 2014. Iberdrola Renewables and Atlantic Wind agree to enter into negotiations in order to mitigate any threat to national security identified by November 28, 2014 that arises as a result of the proximity of a foreign national or foreign owned or controlled business entity to sensitive military activities. Resolution of the national security threat must be resolved prior to allowing access to the site by representatives of a foreign national or foreign owned or controlled business entity or the use of wind turbines or other permanent on-site equipment manufactured by a foreign national or foreign owned or controlled business entity.
- 4. Iberdrola Renewables and Atlantic Wind agree to provide advance written notice to the Navy of any material vendor not previously screened pursuant Section 3, paragraph E, subparagraph 3, above. The term "material" used in this paragraph means "significant, influential or relevant." Iberdrola Renewables or Atlantic Wind shall provide the Navy 15 days following a notice containing the name of a potential new material vendor sent to: Readiness Sustainment & Compatibility (OPNAV N453), Chief of Naval Operations (N45), 2000 Navy Pentagon (RM 2D253), Washington, DC, 20350-2000,to conduct a security review and assess national security impacts. In the event of an emergency, Iberdrola Renewables or Atlantic Wind will provide advanced written notice of a potential new material vendor, but need not wait fifteen (15) days if an unexpected situation arises for which employing services or vendors immediately is prudent for the operation of the Wind Project.
- 5. In any case in which an assessment of risk to national security is identified, the Parties agree to enter into negotiations in order to mitigate any threat to national

security that arises as a result of the proximity of a foreign national or foreign owned or controlled business entity to sensitive military activities. Resolution of the national security threat must be resolved prior to allowing access to the site by representatives of a foreign national or foreign owned or controlled business entity or the use of wind turbines or other permanent on-site equipment manufactured by a foreign national or foreign owned or controlled business entity.

Section 4. Disclosure. The Parties may freely share this Agreement with any person or entity.

Section 5. Assignment

- A. This Agreement shall be binding upon the successors and assigns of Iberdrola Renewables and Atlantic Wind. Iberdrola Renewable and Atlantic Wind, its successors or assigns (Assignors) have the right to sell, convey, mortgage, assign, or otherwise transfer all or any part of its interests and obligations in the assets comprising the Wind Project (Assignment) to any third party (Assignee), without the prior consent of the DoD or Navy, provided that such Assignment expressly acknowledges the existence of this Agreement and a copy of this Agreement is provided to the Assignee.
- B. If the prospective Assignee is a foreign national or foreign owned or controlled business entity, Iberdrola Renewables or Atlantic Wind and the proposed Assignee shall jointly provide notice of the proposed transaction to the Committee on Foreign Investment in the United States (CFIUS) in accordance with the applicable regulations (Subpart D of 31 CFR Part 800) and provide a copy of the notice to the Navy. Nothing in this agreement shall prohibit or limit DoD, on behalf of and in consultation with the Navy, from objecting to the transaction before CFIUS, nor limit communications with CFIUS during national security reviews and investigations, and, should mitigation result, during mitigation, tracking, and post-consummation monitoring and enforcement, pursuant to 50 U.S.C. § 2170. Moreover, this Agreement shall not prevent or limit the DoD or any of its components, to include the Navy, from communicating in any form with any other regulatory body or agency with jurisdiction or possible jurisdiction over matters impacting the ROTHR.
- C. Upon such Assignment, Iberdrola Renewables and Atlantic Wind shall be relieved of any obligations or liabilities under this Agreement to the extent that the Assignee has assumed in writing such obligations or liabilities and provided that Iberdrola Renewables and Atlantic Wind, have given written notice of the Assignment to the DoD and the Navy.

Section 6. Effective Date and Expiration

- A. This Agreement will be effective on the date that the final Party signs this Agreement.
- B. This Agreement shall expire, and have no further force and effect upon the occurrence of:
 - 1. Construction of the Wind Project has not commenced within the time prescribed under 14 CFR §§ 77.33 and 77.35 unless Iberdrola Renewables or Atlantic Wind promptly refiles with the FAA for the wind turbine locations in Attachment (A) to this Agreement;
 - 2. The Wind Project is decommissioned;
 - 3. The ROTHR ceases operations; or
 - 4. Termination by written mutual agreement of the Parties.

Section 7. Points of Contact and Notification. The following persons shall be the primary points of contact (Point of Contact) for the Parties for purposes of this Agreement. Any Party may change its Point of Contact provided that written notification of any such change must be provided to the other Parities at least thirty (30) days in advance.

- A. DoD Executive Director, DoD Siting Clearinghouse, 3400 Defense Pentagon, Room 5C646, Washington, DC 20301-3400
- B. Navy Director, Forces Surveillance Support Center (FSSC), 1298 Olympic Avenue, Chesapeake, VA 23322-7930, Telephone: (757) 421-8400
- C. Iberdrola Renewables, LLC, ATTN: Kit Blair, Manager Generation Dispatch, 1125 NW Couch, Suite 700, Portland, OR 97209, Telephone: 503-241-3207; E-mail: kit.blair@iberdrolaren.com

Section 8. Breach. If a Party believes that another Party has breached this Agreement, it must provide notice of the breach to the breaching party and provide an opportunity to cure the breach. If there is a dispute between the involved Parties as to whether a breach occurred, the involved Parties agree to attempt to resolve the dispute beginning with Iberdrola Renewables, Atlantic Wind, and representatives of the Navy at Forces Surveillance Support Center (FSSC). Disputes may be elevated, on the part of the Navy/DoD, to the Director for Energy and Environmental Readiness, Office of the Chief of Naval Operations, and then to the Executive Director of the

DoD Siting Clearinghouse, as required. If the breach is not cured or resolved after this initial dispute resolution process, any Party may seek to enforce this Agreement. Each Party specifically reserves any and all rights or causes of action it may have both at law and in equity to require compliance with any provision of this Agreement. Each Party reserves the right to enforce or refrain from enforcing against another Party the terms of this Agreement as it sees fit under applicable state or federal law.

Section 9. Amendments. Any Party to this Agreement may request that it be amended, whereupon the Parties agree to consult to consider such amendments. Any amendment to this Agreement shall be effective if executed in writing and signed by the Parties.

Section 10. Signature/Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original, all of which shall constitute but one and the same instrument. The following signatures pages are part of this Agreement.

[THE REMAINDER OF THIS PAGE IS LEFT INTENTIONALLY BLANK: SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, the Parties have executed and delivered this Agreement as of the Effective Date.

U.S. DEPARTMENT OF DEFENSE

John Conger

Acting Deputy Under Secretary of Defense

Installations and Environment

10 of 13

IN WITNESS WHEREOF, the Parties have executed and delivered this Agreement as of the Effective Date.

U.S. DEPARTMENT OF THE NAVY:

Steven Iselin

Principal Deputy Assistant Secretary of the Navy

Energy, Installations and Environment

Date

11/5/2014

IN WITNESS WHEREOF, the Parties have executed and delivered this Agreement as of the Effective Date.

IBERDROLA RENEWABLES, LLC:

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Authorized Representative

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Authorized Representative

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IN WITNESS WHEREOF, the Parties have executed and delivered this Agreement as of the Effective Date.

Atlantic Wind, LLC:

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Authorized Representative

Date

Attachment A

Agreement Between Department of Defense; Department of the Navy; [berdrola Reneweables, LLC; and Atlantic Wind LLC

Desert Wind - 104 Wind Turbines + 1 Permanent MET Cleared for ROTHR

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Al	2014-WTE-3610-OE	36.280959	-76.494735	36	16	51.45	76	29	1 22	
A2	2014-WTE-3611-OE	36,286716	-76.491443	36	17	12.18	76	29	41.05 29.20	
81	2014-WTE-3612-OE	36.299022	-76.A8882A	36	-	1		1	-	
82	2014-WTE-3613-OE	36.295520		_	17	56.48	76	29	19.77	×
B3	2014-WTE-3614-OE		-76.486939	36	17	43.87	78	29	12.98	-
	2014-WTE-3615-OE	34,290202	-76.484132	36	17	24.73	76	29	2.88	_ X
<u> </u>	2014-WTE-3616-OE	36.286909	-76.481988	36	17	12.87	76	28	55.16	×
CI		36.299670	-76.473675	36	17	58.81	76	2.8	25.23	×
D1	2014-WTE-3617-OE	36.297233	-76.466876	36	17	50.04	76	28	0.75	×
<u>G1</u>	2014-WTE-3619-OE	36.275029	-76.450985	36	16	30.10	76	27	3.55	X
G6	2014-WTE-3620-OE	36.261867	-76.431293	36	15	42.72	76	25	52.65	×
G7	2014-WTE-3621-OE	36.276685	-76.440597	36	16	36.07	76	26	26.15	X
68	2014-WTE-3622-OE	36.265942	-76.424294	36	15	57.39	76	25	27.46	X
N10	2014-WTE-3623-OE	36.343995	-76.416543	36	20	38.37	76	24	59.56	X
N3	2014-WTE-3624-OE	36.332748	-76.430151	36	19	57.89	76	25	48.54	×
N5	2014-WTE-3625-OE	36.336713	-76.441743	36	20	12.17	76	26	30.28	ж
N6	2014-WTE-3626-OE	36.339098	-76.432195	36	20	20.75	76	25	\$5.90	ж
167	2014-WTE-3627-OE	36.339360	-76.A23844	36	20	21.70	76	25	25.84	×
N8	2014-WTE-3628-OE	36.339665	-76.414136	36	20	22.80	76	24	50.89	×
N9	2014-WTE-3629-OE	36.340484	-76.443854	36	20	25.74	76	26	37.87	×
S18	2014-WTE-3635-OE	36.347219	-76.400577	36	20	49.99	76	24	2.08	×
\$32	2014-WTE-3636-OE	36.325668	-76.380668	36	19	32.40	76	22	50.41	X
533	2014-WTE-3637-OE	36.346861	-76.381059	36	20	48.70	76	22	51.81	-
534	2014-WTE-3638-OE	36.342885	-76.378643	36	20	34.39	76	22	43.12	
543	2014-WTE-3642-OE	36.350659	-76.383310	36	21	2.37				*
п	2014-WTE-3543-OE	36.329666		-			76	22	59.91	×
T34	2014-WTE-3644-OE	1	-76.371183	36	19	46.80	76	22	16.26	×
T27	2014-WTE-3645-OE	36.333458	·76.353647	36	20	0.45	76	21	13.13	×
	2014-WTE-3646-OE	36.341825	·76.355679	36	20	30.57	76	21	20.44	- *
T18		36.337986	-76.354530	36	20	16.75	76	21	16.31	×
T19	2014-WTE-3647-OE	36.333841	-76.3460S3	36	20	1.83	76	20	45.79	×
T20	2014-WTE-3648-OE	36.342696	-76.347867	35	20	33.70	76	20	52.32	X
T21	2014-WTE-3649-OE	36.338441	-76.346935	36	20	18.39	76	20	48.97	×
T22	2014-WTE-3650-OE	36.334979	-76.340892	36	20	5.92	76	20	27.21	X
T23	2014-WTE-3651-OE	36.336107	-76.336184	36	20	9.98	76	20	10.26	x
T24	2014-WTE-3652-OE	36.337627	-76.331051	36	20	15.46	76	19	51.78	×
T25	2014-WTE-3653-OE	36.334828	-76.327955	36	20	5.38	76	19	40.64	×
15	201A-WTE-3654-OE	36.325340	-76.370001	36	19	31.22	76	22	12.00	×
TE	2014-WTE-3655-OE	36.329251	-76.361218	36	19	45.30	76	21	40.38	X
77	2014-WTE-3656-OE	36.325410	-76.360106	36	19	31.48	76	21	36.38	×
W15	2014-WTE-3659-OE	36.283481	-76.A27663	36	17	0.53	76	25	39.59	×
W19	2014-WTE-3660-OE	36,300279	-76,437186	36	18	1.00	76	26	13.87	×
W21	2014-WTE-3661-OE	36.310302	-76.446508	35	18	37.09	76	26	47.43	×
W22	2014-WTE-3662-OE	36.315212	-76.450833	36	18	54.76	76	27	3.00	×
W23	2014-WTE-3663-OE	36.315120	-76.459023	36	18	54.43	76	27	32.48	
W24	2014-WTE-3664-OE	36.322976	-76.469472	36	19	22.71	76	28	10.10	
W27	2014-WTE-3665-OE	36.302551	-76.426685	-						X
	2014-WTE-3666-OE			36	18	9.19	76	25	36.07	_ X
W28	2014-WTE-3667-OE	36.319499	-76.462852	36	19	10.20	76	27	46.27	×
W5		36.281356	-76.447257	36	16	52.88	76	26	50.12	X
<u>C4</u>	2014-WTE-3668-OE	36.29081835	-76.47437297	36	17	26.95	76	28	27.74	X
c	2014-WTE-3669-OE	36.28737576	-76.47277896	36	17	14.55	76	28	22.00	X
D2	2014-WTE-3671-OE	36.2925506B	-76.46544263	36	17	33.18	76	27	55.59	×
G2	2014-WTE-3675-OE	36.26944421	-76.44265403	36	16	10.00	76	26	33.55	x
G3	2014-WTE-3676-DE	36.26631882	-76.4355	36	15	58.75	76	26	7.80	x
H1.	2014-WTE-3677-OE	36.27542882	-76.46523148	36	16	31.54	76	27	54.83	x
u	2014-WTE-3678-OE	36.33045595	-76.45557862	36	19	49.64	76	27	20.08	×

Agreement Between Department of Defense; Department of the Navy; Iberdrola Reneweables, LLC; and Atlantic Wind LLC
Desert Wind - 104 Wind Turbines + 1 Permanent MET Cleared for ROTHR
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12	2014-WTE-3679-OE		-76.45241495	36	19	26.84	76	27	8.69	×
	2014-WTE-3680-OE	36.31975809	-76.44508727	36	19	11.12	76	26	42.31	×
	2014-WTE-3682-OE	36.31082932	-76.43002576	36	18	38.99	76	25	48.09	×
Mi	2014-WTE-3683-OE	36.32957186	-76.44610848	36	19	46.46	76	26	45.99	×
M2	2014-WTE-3684-OE	36.3257006	-76.44039237	36	19	32.52	76	26	25.41	×
M3	2014-WTE-3685-OE	36.32144226	-76.43244807	36	19	17.19	76	25	56.81	×
M4	2014-WTE-3686-OE	36.31697607	-76.42484536	36	19	1.11	76	25	29.44	×
N1	2014-WTE-3687-OE	36.32692312	-76.42901936	36	19	36.92	76	25	44.47	×
N2	2014-WTE-3688-OE	36.33279076	-76.43922849	36	19	58.05	76	26	21.22	×
N4	2014-WTE-3689-OE	36.33319659	-76.42115095	36	19	59.51	76	25	16.14	×
Q2	2014-WTE-3697-OE	36.35770488	-76.42565941	36	21	27.74	76	25	32.37	ж
03	2014-WTE-3898-OE	36.35364044	-76,42400328	36	21	13,11	76	25	26.41	×
Q6	2014-WTE-3699-OE	36.35858352	-76.41643088	36	21	30.90	76	24	59.1 5	×
Q7	2014-WTE-3700-OE	36.35445609	-76.4138701	36	21	16.04	76	24	49.93	x
51	2014-WTE-3709-OE	36.31173755	-76.42175722	36	18	42.26	76	25	18.33	×
510	2014-WTE-3710-OE	36.33402546	-76.40729814	36	20	2.49	76	24	26.27	X
511	2014-WTE-3711-OE	36.33067109	-76.40348059	36	19	50.42	76	24	12.53	×
512	2014-WTE-3712-OE	36.32209271	-76.39845674	36	19	19.53	76	23	54,44	×
<u>513</u>	2014-WTE-3713-OE	36.31775075	-76.39574024	36	19	3.90	76	23	44.66	X
514	2014-WTE-3714-OE	36.314724	-76.39232143	36	18	S3.01	76	23	32.36	ж
515	2014-WTE-3715-OE	36.311225	-76.38890232	36	18	40.41	76	23	20.05	×
516	2014-WTE-3716-QE	36.30755245	-76.39623026	36	18	27.19	76	23	46.43	×
\$17	2014-WTE-3717-OE	36.35088037	-76.4038168	36	21	3.17	76	24	13.74	ĸ
\$19	2014-WTE-3718-0E	36.34211233	-76.39746599	36	20	31.60	76	23	50.88	X
52	2014-WTE-3719-OE	36.30736461	-76.4199161	36	18	26.51	76	25	11.70	×
520	2014-WTE-3720-OE	36.33740256	-76.3949925	36	20	14.65	76	23	41.97	×
521	2014-WTE-9721-OE	36.33398075	-76.3928961	36	20	2.33	76	23	34.43	x
522	2014-WTE-3722-OE	36.32948846	-76.39088589	36	19	46.16	76	23	27.19	×
523	2014-WTE-3723-OE	36.32526488	-76.38913279	36	19	30.95	76	23	20.68	×
524	2014-WTE-3724-OE	36.32139465	-76.38675924	36	19	17.02	76	23	12.33	×
525	2014-WTE-3725-OE	36.31782685	-76,38351123	36	19	4.18	76	23	0.64	X
529	2014-WTE-3729-OE	36.34532599	-76.38826471	36	20	43.17	76	23	17.75	×
\$3	2014-WTE-3730-OE	36.32723068	-76.41497669	36	19	38.03	76	24	53.92	×
530	2014-WTE-3731-OE	36.34106687	-76,38596176	36	20	27.84	76	23	9.46	×
531	2014-WTE-3732-OE	36.33758362	-76.38281063	36	20	15.30	76	22	58.12	×
<u>\$4</u>	2014-WTE-3735-OE	36.32218984	-76A1227386	36	19	19.88	76	24	44.19	×
	2014-WTE-3739-OE	36.31770729	-76,41056692	36	19	3.75	76	24	38.04	Х.
57	2014-WTE-3741-OE	36.30996808	-75.40501757	36	18	35.89	76	24	18.06	×
59	2014-WTE-3742-OE	36.33712365	-76,4099235 7	36	20	13.65	76	24	35.72	×
W1	2014-WTE-3743-DE	36.28001545	-76.46717428	36	16	48.06	76	28	1.83	X
W12	2014-WTE-3746-OE	36.29743549	-76.44651685	36	17	50.77	75	26	47.46	- х
W16	2014-WTE-3747-OE	36.28900143	-76.A2965096	36	17	20.41	76	25	46.78	_ ×
W17	2014-WTE-3748-OE	36.29198026	75.43300439	36	17	31.13	76	25	58.82	_ × _
WIS	2014-WTE-3749-OE	36.29576771	-76.43561376	36	17	44.76	76	25	8.21	×
W2	2014-WTE-3750-OE	36.27919492	-76,45678364	36	16	45.10	76	27	24.42	×
W20	2014-WTE-3751-OE	36,30414794	-76.43976689	36	18	14.93	76	26	23.16	×
W4	2014-WTE-3755-OE	36.28734427	-76.46252197	36	17	14.44	76	27	45,08	_ X
W6	2014-WTE-3756-OE	36.28515695	-76.45058694	36	17	6.57	76	27	2.11	X
W7	2014-WTE-3757-DE	36.28913969	-76.4530266	36	17	20.90	76	27	10.90	×
W8	2014-WTE-3758-OE	36.29387505	-76.AS600989	36	17	37.95	76	27	21.64	×
PM1 (Met Tower)	2014-WTE-3763-OE	36.330260	·76.479510	36	19	48.94	76	28	46.24	X

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