



TransAlta Corporation

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Chad Macy
Environmental Planner

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November 5, 2021

Via electronic submission

Oklahoma Corporation Commission
Attn: Director of Public Utilities Division
580 Jim Thorpe Building
P.O. Box 52000 Oklahoma City, OK 73152-2000

Notice of Intent to Build – White Rock East Wind Farm

Dear Commission:

Pursuant to Title 17, Section 160 of the Oklahoma Statutes (the Statute), this letter is a notification of intent to build a wind energy facility. White Rock Wind, LLC., a subsidiary of TransAlta Corporation, intend to install Wind Turbine Generators (WTGs) and related infrastructure (access roads, collector substation, gen-tie transmission lines, and Operations & Maintenance Building) for the White Rock Windfarm in Caddo County, Oklahoma (The Project).

The Project filed form 7460-1, Notice of Proposed Construction, with the Obstruction Evaluation Division of the Federal Aviation Administration (FAA), for Phase I (100 MW) and Phase II (200 MW) of the White Rock Projects, totaling 85 WTGs on July 30, 2021. The location of each WTG complies with the setback requirements outlined in section 160.20 of the Statute.

The FAA has yet to formally register our Project Aeronautical Study Numbers (ASNs) in their Obstruction Evaluation / Airports Airspace Analysis (OE/AAA) system. However, a summary of the WTG locations submitted to the FAA for each Project phase and a copy of our FAA submission (Form 7460-1) are attached as Exhibit A for reference. Once the FAA has registered our ASNs, TransAlta will provide a copy of that activity with the OCC. Additionally, attached as Exhibit B is a map depicting the Project boundary and copies of various agreements and correspondence with US Department of Defense (DOD) including a *Mission Compatibility Certification Letter* and *Siting and Mitigation Agreement* (Exhibit C).

Concurrent to sending this notice to you, we are providing similar notice to the Caddo County Commissioners and Oklahoma Aeronautics Commission in accordance with section 160.21 of the Statute. No Project facilities are located within an incorporated area of a municipality.

Please file stamp a copy of this letter confirming your receipt and return to us a like copy at your earliest convenience.

Yours truly,

TRANSALTA CORPORATION

CHAD MACY
Environmental Planner

Enclosures

EXHIBIT A
COPY OF FAA FILINGS (FORM 7460-1)

**WHITE ROCK EAST TURBINE LOCATIONS –
FAA FILINGS**

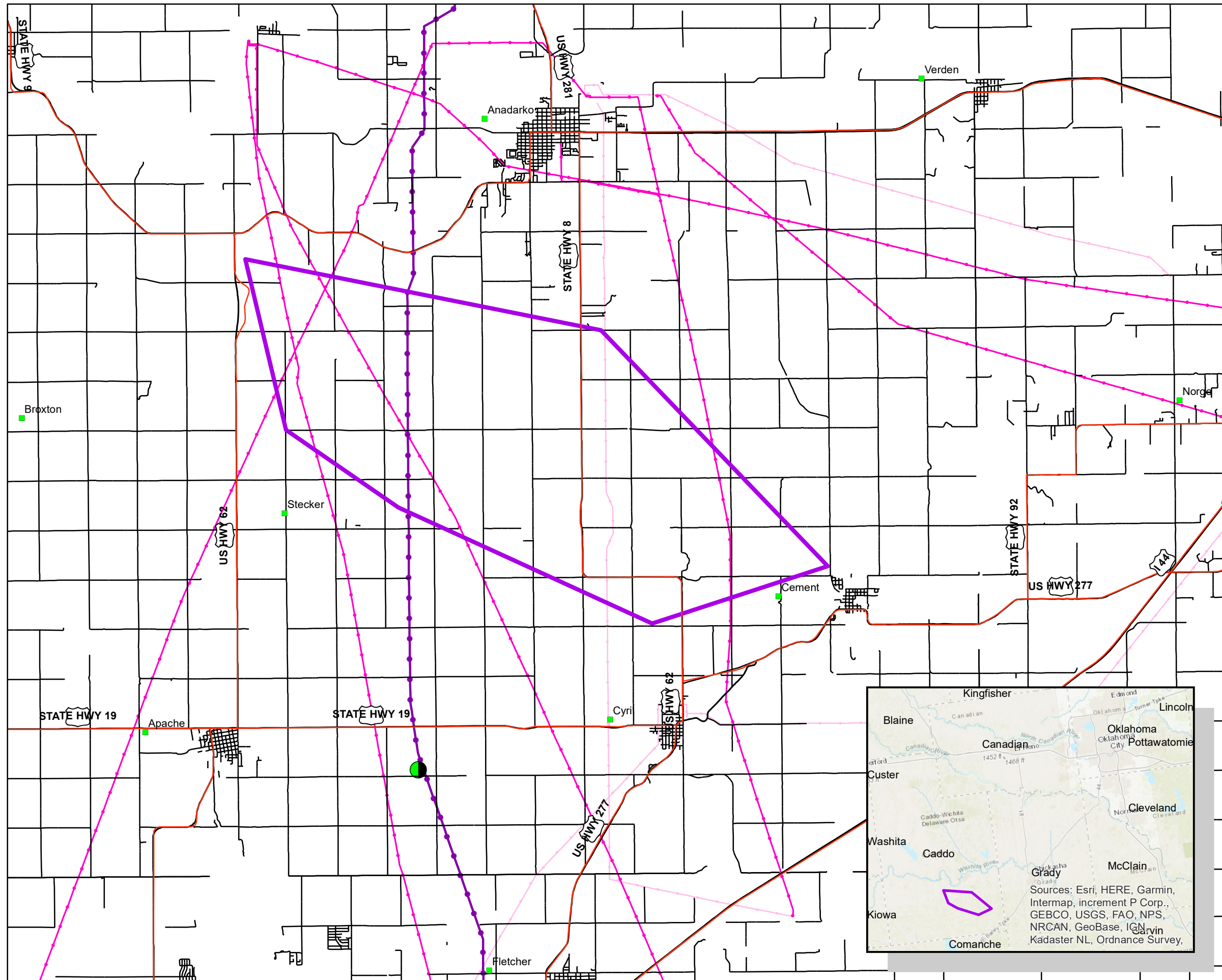
Turbine	Group	Latitude	Longitude	Ground Level Height (FAMSL)	Total Structure height (FAGL)	Total Structure height (FAMSL)	Project
E4	White Rock 41	34.950250	-98.259005	1,451.1	660.0	2,111.1	WRE
E2	White Rock 41	34.960094	-98.258754	1,445.0	660.0	2,105.0	WRE
E1	White Rock 41	34.962649	-98.262346	1,410.9	660.0	2,070.9	WRE
E3	White Rock 41	34.959236	-98.252548	1,419.9	660.0	2,079.9	WRE
D3	White Rock 41	34.980058	-98.278747	1,372.0	660.0	2,032.0	WRE
D2	White Rock 41	34.979169	-98.283218	1,316.0	660.0	1,976.0	WRE
D1	White Rock 41	34.973906	-98.292092	1,363.7	660.0	2,023.7	WRE
D6	White Rock 41	34.966186	-98.280064	1,446.7	660.0	2,106.7	WRE
D5	White Rock 41	34.964721	-98.291788	1,421.7	660.0	2,081.7	WRE
D4	White Rock 41	34.964699	-98.298514	1,408.4	660.0	2,068.4	WRE
F5	White Rock 41	34.964499	-98.237697	1,450.0	660.0	2,110.0	WRE
F6	White Rock 41	34.966220	-98.229548	1,424.2	660.0	2,084.2	WRE
F2	White Rock 41	34.979076	-98.246659	1,353.5	660.0	2,013.5	WRE
V1	White Rock 41	34.987750	-98.301193	1,377.6	660.0	2,037.6	WRE
F3	White Rock 41	34.977418	-98.240345	1,373.8	660.0	2,033.8	WRE
B4	White Rock 41	34.987733	-98.326325	1,367.2	660.0	2,027.2	WRE
B5	White Rock 41	34.988420	-98.335084	1,383.4	660.0	2,043.4	WRE
A3	White Rock 41	35.010853	-98.319716	1,368.1	660.0	2,028.1	WRE
B1	White Rock 41	34.983537	-98.308337	1,408.2	660.0	2,068.2	WRE
B2	White Rock 41	34.983546	-98.313937	1,439.3	660.0	2,099.3	WRE
B3	White Rock 41	34.981615	-98.318916	1,455.9	660.0	2,115.9	WRE
C1	White Rock 41	34.988363	-98.292269	1,358.3	660.0	2,018.3	WRE
G2	White Rock 41	34.991888	-98.228379	1,387.8	660.0	2,047.8	WRE
G6	White Rock 41	35.002635	-98.213073	1,387.4	660.0	2,047.4	WRE
G5	White Rock 41	35.003576	-98.218391	1,415.5	660.0	2,075.5	WRE
C4	White Rock 41	35.004444	-98.291607	1,389.3	660.0	2,049.3	WRE
G3	White Rock 41	34.991617	-98.220413	1,385.2	660.0	2,045.2	WRE
G4	White Rock 41	35.004412	-98.223281	1,367.3	660.0	2,027.3	WRE
G1	White Rock 41	34.990094	-98.239514	1,333.2	660.0	1,993.2	WRE
F1	White Rock 41	34.996750	-98.247054	1,325.2	660.0	1,985.2	WRE
A6	White Rock 41	35.019614	-98.316758	1,387.1	660.0	2,047.1	WRE

A5	White Rock 41	35.020079	-98.310859	1,359.4	660.0	2,019.4	WRE
E5	White Rock 41	34.950106	-98.247592	1,459.9	660.0	2,119.9	WRE
C3	White Rock 41	34.993820	-98.280024	1,269.1	660.0	1,929.1	WRE
C2	White Rock 41	34.993642	-98.284315	1,280.4	660.0	1,940.4	WRE
C5	White Rock 41	34.999077	-98.299158	1,398.3	660.0	2,058.3	WRE
E6	White Rock 41	34.950107	-98.243571	1,468.3	660.0	2,128.3	WRE
A1	White Rock 41	34.999026	-98.323800	1,340.9	660.0	2,000.9	WRE
A2	White Rock 41	34.999357	-98.329203	1,363.6	660.0	2,023.6	WRE
A4	White Rock 41	35.008508	-98.332033	1,316.2	660.0	1,976.2	WRE
F4	White Rock 41	34.962912	-98.244613	1,461.0	660.0	2,121.0	WRE
ALT1	White Rock 24 Alterna	34.980007	-98.263772	1,387.4	660.0	2,047.4	WRE
ALT2	White Rock 24 Alterna	34.980191	-98.271536	1,310.7	660.0	1,970.7	WRE
ALT3	White Rock 24 Alterna	34.993741	-98.264058	1,304.2	660.0	1,964.2	WRE
ALT4	White Rock 24 Alterna	34.991970	-98.272299	1,337.6	660.0	1,997.6	WRE
ALT5	White Rock 24 Alterna	34.993691	-98.257639	1,328.7	660.0	1,988.7	WRE
ALT6	White Rock 24 Alterna	35.009601	-98.284276	1,372.9	660.0	2,032.9	WRE
ALT7	White Rock 24 Alterna	35.009629	-98.278699	1,371.9	660.0	2,031.9	WRE
ALT17	White Rock 24 Alterna	35.021044	-98.346966	1,330.7	660.0	1,990.7	WRE
ALT18	White Rock 24 Alterna	35.021023	-98.341465	1,262.2	660.0	1,922.2	WRE
ALT19	White Rock 24 Alterna	35.027952	-98.335294	1,255.6	660.0	1,915.6	WRE
ALT20	White Rock 24 Alterna	35.028273	-98.319166	1,339.6	660.0	1,999.6	WRE
ALT22	White Rock 24 Alterna	34.968722	-98.280425	1,411.7	660.0	2,071.7	WRE
ALT23	White Rock 24 Alterna	34.995594	-98.315732	1,422.3	660.0	2,082.3	WRE
ALT24	White Rock 24 Alterna	34.990117	-98.316568	1,445.2	660.0	2,105.2	WRE

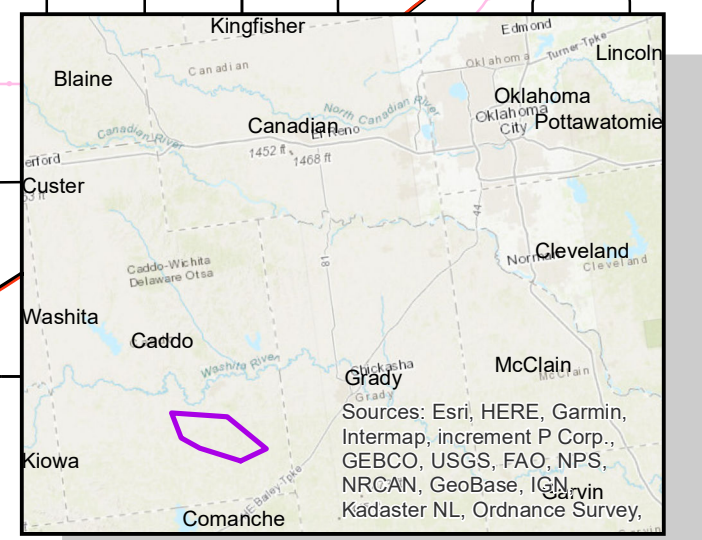
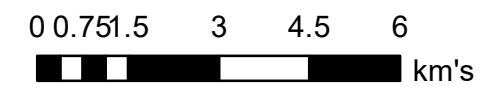
**WHITE ROCK WEST TURBINE LOCATIONS –
FAA FILINGS**

Turbine	Group	Latitude	Longitude	Ground Level Height (FAMSL)	Total Structure height (FAGL)	Total Structure height (FAMSL)	Project
V21	White Rock 21	34.967398	-98.222551	1,471.4	660.0	2,131.4	WRW
I1	White Rock 21	34.967464	-98.218536	1,426.8	660.0	2,086.8	WRW
H1	White Rock 21	34.980184	-98.213957	1,376.6	660.0	2,036.6	WRW
H2	White Rock 21	34.980508	-98.208436	1,371.6	660.0	2,031.6	WRW
H3	White Rock 21	34.982113	-98.202769	1,304.3	660.0	1,964.3	WRW
K1	White Rock 21	34.935848	-98.222480	1,450.0	660.0	2,110.0	WRW
I5	White Rock 21	34.966350	-98.186522	1,285.0	660.0	1,945.0	WRW
J2	White Rock 21	34.950011	-98.191243	1,420.9	660.0	2,080.9	WRW
K4	White Rock 21	34.932750	-98.206421	1,436.0	660.0	2,096.0	WRW
J3	White Rock 21	34.951026	-98.184000	1,383.2	660.0	2,043.2	WRW
J4	White Rock 21	34.949999	-98.174351	1,359.1	660.0	2,019.1	WRW
J5	White Rock 21	34.950274	-98.168607	1,369.0	660.0	2,029.0	WRW
I4	White Rock 21	34.966411	-98.191881	1,344.2	660.0	2,004.2	WRW
H5	White Rock 21	34.979338	-98.192638	1,268.7	660.0	1,928.7	WRW
I2	White Rock 21	34.966161	-98.213905	1,373.5	660.0	2,033.5	WRW
I3	White Rock 21	34.962814	-98.205247	1,372.4	660.0	2,032.4	WRW
H4	White Rock 21	34.980496	-98.196895	1,383.0	660.0	2,043.0	WRW
K2	White Rock 21	34.939638	-98.208472	1,457.5	660.0	2,117.5	WRW
K3	White Rock 21	34.931989	-98.211158	1,437.1	660.0	2,097.1	WRW
J1	White Rock 21	34.954033	-98.208369	1,401.9	660.0	2,061.9	WRW
H6	White Rock 21	34.977096	-98.183756	1,290.1	660.0	1,950.1	WRW
ALT8	White Rock 24 Alternates	34.994244	-98.205842	1,332.4	660.0	1,992.4	WRW
ALT10	White Rock 24 Alternates	34.938436	-98.218181	1,483.0	660.0	2,143.0	WRW
ALT11	White Rock 24 Alternates	34.945758	-98.222147	1,465.0	660.0	2,125.0	WRW
ALT12	White Rock 24 Alternates	34.961289	-98.220047	1,428.5	660.0	2,088.5	WRW
ALT13	White Rock 24 Alternates	34.974516	-98.208346	1,382.0	660.0	2,042.0	WRW
ALT14	White Rock 24 Alternates	34.975339	-98.213759	1,410.2	660.0	2,070.2	WRW
ALT15	White Rock 24 Alternates	34.975320	-98.219564	1,433.9	660.0	2,093.9	WRW
ALT16	White Rock 24 Alternates	34.990063	-98.210513	1,309.7	660.0	1,969.7	WRW
ALT21	White Rock 24 Alternates	34.980310	-98.221380	1,418.8	660.0	2,078.8	WRW

**EXHIBIT B –
White Rock East and West Project Boundary**



- Cities and Towns
 - Major Roads
 - White Rock - Boundary
 - Highway
 - Local Road
 - POI [345 kV] - 200MW
- VOLTAGE**
- 69 kV Line
 - 138 kV Line
 - 345 kV Line



TransAltaTM



White Rock Wind Project

White Rock Project Location

Date:	May 10th, 2021
Projection:	UTM Zone 14 NAD83
Source:	NTDB 1:50,000, Altis ATS data and TransAlta
Scale:	1:125,000

Confidential

**EXHIBIT C –
US Department of Defense (DOD) Correspondence**



OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

3500 DEFENSE PENTAGON
WASHINGTON, DC 20301-3500

SUSTAINMENT

April 29, 2021

Mr. Chad Macy
TransAlta Corporation
Renewables Dev 110-12 Avenue SW
Calgary, AB T2P 2M1

Subject: Mission Compatibility Certification Letter / ASNs: 2020-WTW-9730-OE through 2020-WTW-9779-OE, 2020-WTW-9781-OE through 2020-WTW-9784-OE, 2020-WTW-9786-OE through 2020-WTW-9790-OE, 2020-WTW-9792-OE through 2020-WTW-9793-OE, 2020-WTW-9798-OE through 2020-WTW-9801-OE, 2020-WTW-9803-OE through 2020-WTW-9804-OE, 2020-WTW-9807-OE, 2020-WTW-9810-OE through 2020-WTW-9811-OE, 2020-WTW-9813-OE, 2021-WTW-17-OE through 2021-WTW-19-OE, and 2021-WTW-2890-OE

Dear Mr. Macy,

The Military Aviation and Installation Assurance Siting Clearinghouse (Clearinghouse) has reviewed the White Rock Wind East wind farm project in Cement, Oklahoma. The Clearinghouse found no adverse impacts to DoD missions in the area and has entered a determination of "No Objection with Provision" via the Federal Aviation Administration's Obstruction Evaluation / Airport Airspace Analysis system.

Our response to the FAA included a notification that further expansion beyond the current project area may be problematic due to proximity to military training routes or military training areas.

We encourage you to consult DoD well in advance of any expansion. If you have any questions, please contact Mr. Michael Lignowski at the Clearinghouse by phone at (571) 372-6853 or by email at michael.j.lignowski.ctr@mail.mil.

Sincerely,

Steven J. Sample
Executive Director
Military Aviation and Installation
Assurance Siting Clearinghouse

CC:
Oklahoma Corporation Commission
Oklahoma Aeronautics Commission



DEPARTMENT OF THE AIR FORCE

WASHINGTON, DC 20330-1000

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR TRANSALTA RENEWABLES

FROM: SAF/IEIM
1665 Air Force Pentagon
Washington DC 20330-1665

SUBJECT: Amended Siting and Mitigation Agreement for White Rock Wind Project in Cement/Anadarko, OK

TransAlta Renewables is proposing to build a wind farm project, known as the White Rock Wind Project (Project) (2020-WTW-9730). As the Project was originally filed, the spinning turbines would conflict with the Department of the Air Force's operation of Sheppard Air Force Base (AFB) and Vance AFB. The Project included proposed turbines obstructing essential low-level flying training within SR-279, SR-294, VR-1137, and VR-104. The parties established a Mitigation Response Team (MRT), which focused on de-conflicting these activities and resulted in the following agreed-upon terms, which allow the goals of both parties to be accomplished.

Sheppard AFB and Vance AFB, along with SAF/IEIM and the Department of Defense Military Aviation and Installation Assurance Siting Clearinghouse, worked with TransAlta Renewables through an MRT to determine potential mission impacts posed by the Project; identify mitigation options to reduce potential mission impacts; and develop terms to uphold the mitigating actions. The MRT determined that all structures associated with this project will be located within a Project Area, shown in Attachment 1. This memorandum supersedes the memorandum signed on 23 June 2020 and establishes a new Project Area as a result of further MRT discussions.

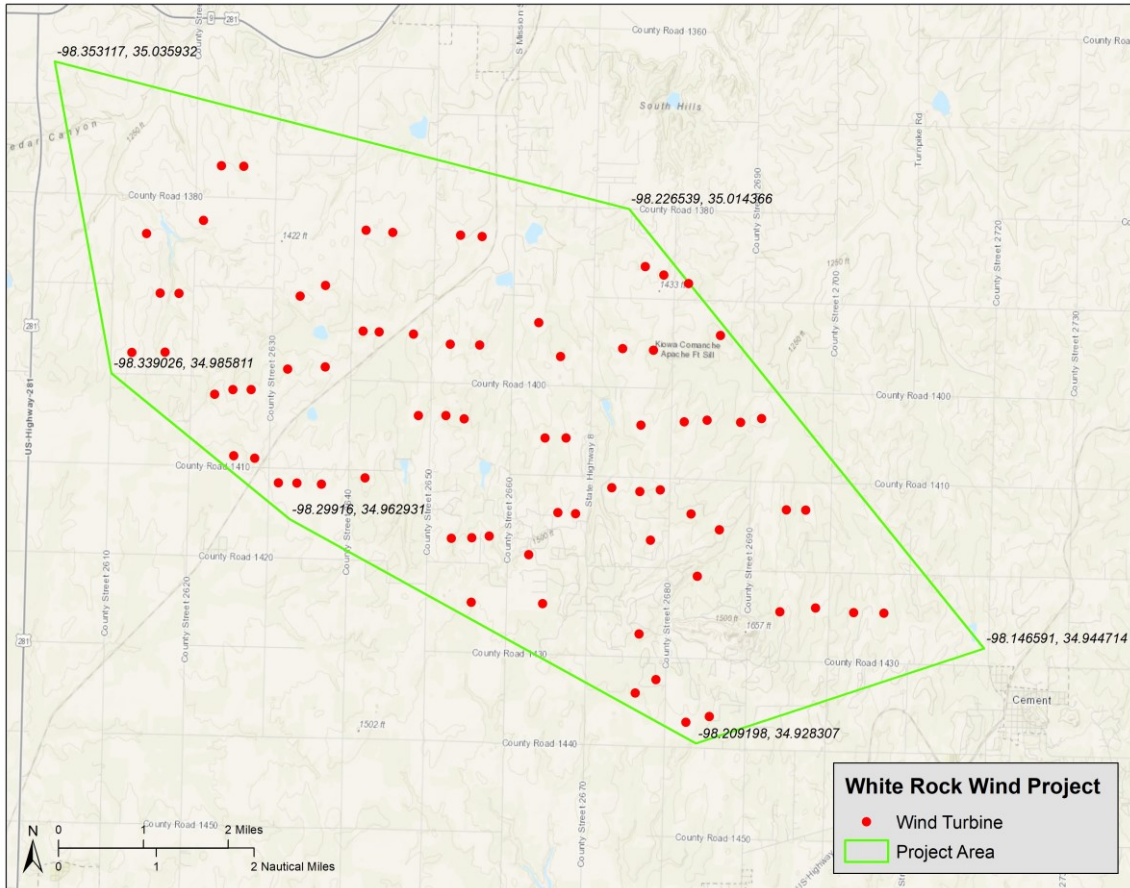
This memorandum defines the mitigation terms for TransAlta Renewables and the Air Force for the Project and is intended to fulfill the goals of a formal mitigation agreement. If you have any questions, my points of contact for this action are Mr. Doug Allen or Mr. Paul Holland at saf.iei.encroachment@us.af.mil.

TERAN L. JUDD
Director, Community Partnership & Mission
Sustainment

Attachment:

1. Attachment 1: White Rock Wind Project Map and Project Area Coordinates

ATTACHMENT 1:
White Rock Wind Project Map and Project Area Coordinates



Point	Longitude	Latitude
1	-98.353117	35.035932
2	-98.226539	35.014366
3	-98.146591	34.944714
4	-98.209198	34.928307
5	-98.29916	34.962931
6	-98.339026	34.985811