Some Sample Reports & Articles on Turbines and Radar

1 - An excellent **collection of articles** on turbine radar interference. Read through these for other up-to-date references.

2 - **Wind Turbine Clutter: The Battle Continues**.

3 - A NOAA **explanation** (with pictures) of what happens with radar.

4 - A 2013 **technical study** that acknowledges current issues.

5 - "**Defense chiefs fight plans for 115ft wind turbines over fears they may confuse radar and allow enemy planes to evade detection**"

6 - "**Finland wind farms clash with military radar**"

7 - The national Canadian site **discusses** turbines and (weather) radar. [Note this 2018 unprecedented US NWS **letter** about NEXRAD radar problems.]

8 - An article about a Denmark **military study** concerning radar interference.

9 - A recent **NOAA report** about radar interference.

10-A good report: **Wind energy and radar — A National Security Risk**.

11-MIT/Sandia report: **Wind Turbine-Radar Interference Test Summary**.

12-FYI: **Advanced Radar Research Center** studies.

13-An active military person sent me this **article**, which has comments by Canadian military personnel, about the detrimental effect of nearby wind projects on them performing their military mission.

In the "What else do you need to know?" category, a particularly telling statement is this, where the military person said that a wind project: "will create areas where we cannot reliably observe or control military/civilian air traffic".

14-In 2017 the large US Army facility at Fort Drum (NY) decided to go public about their problems with wind energy. Here is their **official statement** sent to New York State. (Note that it is rare for active military personnel to be so blunt, as they are usually concerned about being politically correct.)

Subsequently there were numerous visits by local state and federal representatives, and many newspaper articles on this topic (like **this**).

15-In this **Military Report**, wind energy interference with a different kind of radar (ROTHR) is discussed.

Note: even though most of these references pertain to the military, the same issues and concerns apply to civilian navigation and weather radars.

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