

General Overview of the Impacts of Wind on Wildlife

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Impacts of (Wind) Development on Wildlife

Direct

- Habitat Loss, Alteration, and Fragmentation
- Mortality

Indirect

- Disturbance
- Avoidance



Species of Primary Concern

- Bats
- Birds
- Threatened/Endangered



Wind is Similar to Other Types of Linear Developments

All linear developments create:

- Fragmentation
- Edge Effects
- Travel corridors for exotics

Some linear developments have operational effects:

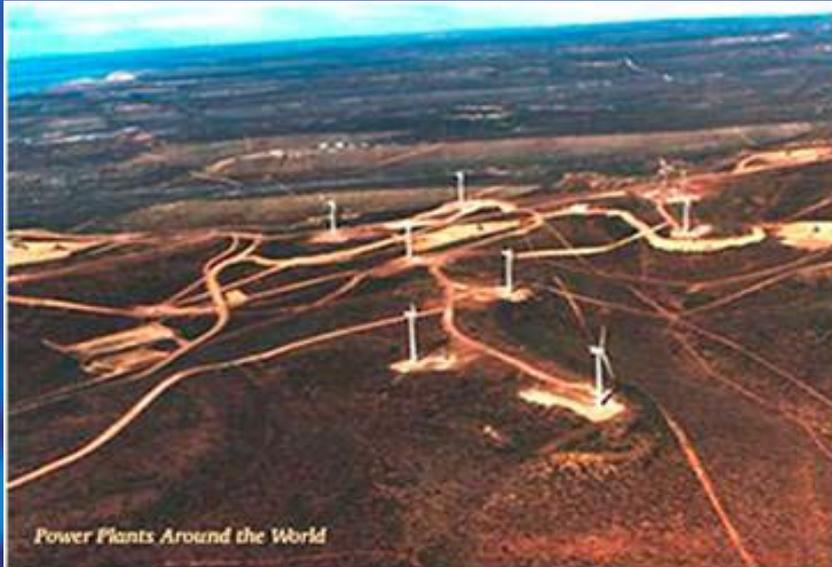
- Mortality,
- Disturbance

Unique Wind Impacts

Wind is unlike other linear developments because it:

- Fragments the airspace
 - May create barriers
 - May affect behavior
- Introduces novel sources of disturbance
 - Visual, noise

Are Wind's Impacts Significant? – Depends on the Context



Assessing the Impacts of Wind Development on Wildlife

There is a useful body of knowledge about the non-unique impacts of wind.

We lack knowledge about wind's unique impacts.

We lack knowledge about how some vulnerable species react to wind's unique impacts.