



**Municipal Affairs
Office of the Minister**

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March 7, 2025

Dear Mayors and Wardens:

I am writing to inform you that the Minimum Planning Regulations under Section 214 of the *Municipal Government Act* (MGA) and Section 229 of the *Halifax Regional Municipality Charter* (HRMC) have been amended to implement a maximum setback for commercial wind turbines.

The new regulations will require that the maximum distance between a commercial wind turbine and a dwelling cannot be more than either four times the height of the turbine, or the distance needed to keep noise levels below 40 decibels outside the home and limit shadow flicker to no more than 30 minutes a day or 30 hours a year.

Additionally, the amendments stipulate that visual impact or aesthetic appearance of a wind turbine development is not a matter Council can consider prior to approval.

The Government of Nova Scotia is committed to reaching 80% renewables by 2030. These regulatory amendments will support this goal by providing consistent standards across Nova Scotia's municipalities, making it easier for wind energy projects to move forward, while also protecting residents from negative impacts from wind development projects such as noise and shadows.

You can find the updated Minimum Planning Regulations using the following links:

- *Halifax Regional Municipality Charter*
<https://novascotia.ca/just/regulations/rxaa-l.htm#hrmcmpr>
- *Municipal Government Act*
<https://novascotia.ca/just/regulations/rxam-z.htm#mgampr>

I have also included a Question-and-Answer document that provides further information about the updated regulations.

I want to thank you for taking the time to participate in the online survey from earlier this summer. Your feedback was invaluable throughout the regulation development process.

Sincerely,

Honourable John A. Lohr
Minister of Municipal Affairs and Housing

c: Juanita Spencer, NSFM
Chief Administrative Officers

Wind Turbine Setbacks

Summary of Changes

The Department of Municipal Affairs is making amendments to the Minimum Planning Requirements Regulations under Section 214 of the *Municipal Government Act* (MGA) and Section 229 of the *Halifax Regional Municipality Charter* (HRMC) to implement a provincial standard for wind turbine setbacks.

The new regulations will require that the maximum distance between a commercial wind turbine and a dwelling cannot be more than either four times the height of the turbine or the distance needed to keep noise levels below 40 decibels outside the home and limit shadow flicker to no more than 30 minutes a day or 30 hours a year.

Additionally, the amendments stipulate that visual impact or aesthetic appearance of a wind turbine development is not a matter Council can consider prior to approval.

Nova Scotia is committed to reaching 80% renewables by 2030. These changes support this goal by providing consistent standards across Nova Scotia's municipalities, making it easier for wind energy projects to move forward while protecting residents from negative impacts from wind development projects such as noise and shadows.

FAQ

Q: What are the benefits of Wind Energy in Nova Scotia

Wind energy does not result in emissions that cause the health problems associated with fossil fuels, such as sulfur dioxide, nitrous oxide, mercury, or the environmental problems that come from carbon dioxide - one of the greenhouse gases that contribute to climate change. Every megawatt of wind energy can reduce our greenhouse gas emissions by as much as 2,500 tonnes per year—enough clean energy to power 350–400 Nova Scotian homes.

Wind energy does not use up natural resources. Capturing and transforming the energy of wind into the energy of electricity is infinitely renewable.

Nova Scotia has legislated goals in the *Environmental Goals and Climate Change Reduction Act* (PDF) to get off coal and have 80% of electricity generated with renewables by 2030 – and to reach net zero by 2050. [Learn more here.](#)

Q: Should residents be concerned about the resulting noise and light flicker of Wind Turbines? What about concerns with the turbines causing illness?

It's important to remember that potential wind farms over 2 megawatts must undergo an environmental assessment which requires companies to identify the benefits of their project, its potential impacts on the environment and human health, and their plans to mitigate impacts. Projects must also obtain other required authorizations, permits and permissions from various levels of government before being built. There is no scientific evidence to support the belief that wind turbines cause illnesses.

The proposed regulatory changes will ensure municipalities have consistent standards regarding wind turbine setback distances that will ensure that residents will not be impacted by noise and light flicker.

Q: What about the threat to migratory birds that turbines present?

Wind turbines are attributable to less bird deaths than cats and tall buildings. Consideration of potential impacts to migratory birds as a result of a wind turbine project are included within the Government of Nova Scotia's environmental assessment process. Companies must ensure that they comply with federal migratory bird legislation.

Q: Why is the Nova Scotia Government Making this change?

Wind turbines do create noise and may not be appropriate for all locations. The Government of Nova Scotia is making this change to ensure that wind projects are properly developed and managed consistently across all municipalities.

Q: How would distance required for sound and shadow flicker be established?

Distance for sound and shadow flicker is based on project specific factors. The provincial Environmental Assessment process considers these factors prior to granting approval of commercial Wind Turbine projects (at least 2MW). A municipality may decide to incorporate the *Minimum Planning Requirements Regulations* about setbacks from wind turbines to dwellings, as written, into their Planning Documents for ease of implementation.

Q: How does a municipality determine if their existing requirements are consistent with the proposed maximums?

We understand that many municipalities who regulate wind turbines, have policies or bylaws including a distance setback (i.e., Kms). These policies or bylaws may be contrary to the *Minimum Planning Requirements Regulations* amendments. The Provincial Planners supporting your region and the NRR contact provided can help you consider how your existing requirements relate to the amendments to the *Minimum Planning Requirements Regulations*. You should also seek advice from your solicitor should you have questions regarding the regulations.

Q: Will there be a deadline for when municipalities that have existing wind requirements should be consistent with the new requirements?

There is no specific deadline set. It is expected that municipalities bring their setback requirements in line with the newly amended *Minimum Planning Requirements Regulations* as soon as reasonably possible.