

GROSSE-ÎLE WIND FARM PROJECT | EXPLANATORY NOTE

Protection measures for the Horned Grebe related to the atmospheric visibility detector

The protection measure for the Horned Grebe proposed by the Proponent is as follows:

- Installation of an atmospheric visibility detector at locations 6 and 7, with activation when visibility falls below 200 m during the Horned Grebe nesting period.

This measure consists of temporarily feathering the turbine blades based on real-time visibility conditions, in order to reduce the risk of bird collisions during periods of reduced visibility.

A study conducted in Spain reports a reduction in bird mortality of approximately 65% through the use of selective turbine shutdowns.

Source : [Mitigation measures for preventing collision of birds with wind turbines](#)