

## عنوان مقاله:

Techniques of Identifying Icing and De-Icing of Wind Turbines

## محل انتشار:

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## خلاصه مقاله:

In this paper, a variety of techniques to detect icing and de-icing on elderly wind turbines are specified. Wind turbines are often used in cold weather and they are subject to freezing. The vast majority of freezing is created on the turbine blades. This reduces the performance of wind turbine and also creates instability loads on the blades aerodynamic, fatigue and Health and increases the risk. Wind turbine associated with the stop at the end. Turbine Stop loss is a significant portion of wind energy. Dealing with the freezing and defrost systems is an aim to optimize the impact of weather on the wind turbines. Many active and passive methods have been considered for this issue and they are developing day by day.

## کلمات کلیدی:

Wind turbine, icing identifying, De-icing, Anti-icing

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/930758>

