Calibration of Nacelle-based Lidar instrument - DTU Orbit (18/10/2019)

Calibration of Nacelle-based Lidar instrument
This report presents the result of the lidar calibration performed for a four-beam nacelle based lidar at DTU's test site for large wind turbines at Høvsøre, Denmark. Calibration is here understood as the establishment of a relation between the reference wind speed measurements with measurement uncertainties provided by measurement standard and corresponding lidar wind speed indications with associated measurement uncertainties. The lidar calibration concerns the 10 minute mean wind speed measurements.

General information
Publication status: Published
Organisations: Department of Wind Energy, Test and Measurements, Meteorology & Remote Sensing
Contributors: Georgieva Yankova, G., Courtney, M.
Number of pages: 34
Publication date: 2016

Publication information
Publisher: DTU Wind Energy
Original language: English
(DTU Wind Energy LC I; No. 094(EN)).
Keywords: DTU Wind Energy LC I-094(EN), LC-I-094, LC-I-094(EN)

Bibliographical note
This is an internal report and therefore not available in full text. Please contact author's or director of author's department for further information.
Research output: Book/Report › Report – Annual report year: 2016 › Research