

Preface

In 1991, when we sent our manuscript of the first German edition „Wind Power Plants“ to the publishing house, our lecturer Dr. Schlemmbach was asked by his colleagues “Do you think, anyone will buy and read this book ?” It lasted only one year, until we had to prepare the second edition.

The reason for this unexpected success was the first “feed in act” that had passed the German parliament in 1991. Everybody was now allowed to produce electricity from renewable energies and to feed it into the grid for a fixed price guaranteed over twenty years. This political decision initiated the boom of the German wind energy industry - similar to the Danish political decision ten years before.

In 1991 most of the authors were members of a research group at the Technical University of Berlin, students, research fellows, postgraduate students and post-docs. Now many of them hold prominent positions in the wind energy industry. This has led to a tightly knit professional network, that helps to keep the book up-to-date.

The first English edition (Solar-Praxis, Berlin and James & James, London 2002), based on the 3rd German edition from 1996, was translated by Dörte Müller and Thomas Ackermann, living in Stockholm. Richard Holmes, Berlin, translated Max Frisch’s Questionnaire.

This new English edition is based on the completely revised and extended 5th German edition, Teubner, 2006. It was translated by Christoph Heilmann and reviewed by Wilson Rickerson and Karl E. Stoffers, both from the United States, Jeremy Dunn (Great Britain), Moran Seamus (Ireland) and Simon Cowper (Great Britain).

Heike Müller organized with her skilful hands the graphical work and the final layout.

Robert Gasch, Jochen Twele and Christoph Heilmann, Berlin, kept in touch with the co-authors to coordinate the work.

We sincerely would like to thank all the contributors for their efforts. We also would like to say thank you to the sponsors and to Dr. Merkle and Dr. Baumann from the Springer Publishing House for their patience.

The editors

Berlin, September 2011

Wind Power Plants

Fundamentals, Design, Construction and Operation

Gasch, R.; Twele, J. (Eds.)

2012, XVIII, 548 p. 432 illus., Softcover

ISBN: 978-3-642-22937-4