

PREFACE

This book was originally intended to be a Solutions Manual to the book *Energy Studies* (second edition) by the same authors. It is best read and best used as a companion book to *Energy Studies* but may also be used as a separate book in its own right.

Since the publication of *Energy Studies* (second edition) in the year 2002, the authors have continued to teach and examine courses in the subject, first at Ohio University, USA, and now (2008) at the University of Bradford, England. In all cases the taught courses were based on *Energy Studies*, and the end-of-chapter problems in the book were used extensively.

It is our experience that engineering students in both the USA and Britain appreciate the availability of relevant worked examples, and especially worked numerical examples, in the learning process. This present book gives worked solutions to almost all the end-of-chapter problems in *Energy Studies*. In addition, the book contains many new and additional problems, with solutions. A lot of these additional examples have been used by the authors in their recent teaching as classroom exercises or/and examination questions.

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