1. Record Nr. UNINA9910458055803321

Autore	Howson Colin
Titolo	Objecting to God / / Colin Howson [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-107-21780-6 1-139-12452-8 1-283-29844-9 9786613298447 1-139-12287-8 0-511-81247-7 1-139-11713-0 1-139-12779-9 1-139-11277-5 1-139-11496-4
Descrizione fisica	1 online resource (xi, 220 pages) : digital, PDF file(s)
Disciplina	211/.7
Soggetti	God - Proof Religion Religion and science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Of human bondage -- 2. God unlimited -- 3. How to reason if you must -- 4. The well-tempered universe -- 5. What does it all mean? -- 6. Moral equilibrium -- 7. What is life without thee? -- 8. It necessarily ain't so.
Sommario/riassunto	The growth of science and a correspondingly scientific way of looking at evidence have for the last three centuries slowly been gaining ground over religious explanations of the cosmos and mankind's place in it. However, not only is secularism now under renewed attack from religious fundamentalism, but it has also been widely claimed that the scientific evidence itself points strongly to a universe deliberately fine-tuned for life to evolve in it. In addition, certain aspects of human life, like consciousness and the ability to recognise the existence of

	universal moral standards, seem completely resistant to evolutionary explanation. In this book Colin Howson analyses in detail the evidence which is claimed to support belief in God's existence and argues that the claim is not well-founded. Moreover, there is very compelling evidence that an all-powerful, all-knowing God not only does not exist but cannot exist, a conclusion both surprising and provocative.

2. Record Nr. UNINA9910144123703321

Autore	Morvay Zoran K.
Titolo	Applied industrial energy and environmental management / / Zoran K. Morvay, Duesan D. Gvozdenac
Pubbl/distr/stampa	Chichester, West Sussex, U.K. ; , : Wiley, , 2008 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2009]
ISBN	1-281-93951-X 9786611939519 0-470-71437-9 0-470-71438-7
Descrizione fisica	1 online resource (458 p.)
Collana	Wiley - iee
Altri autori (Persone)	GvozdenacDuesan D
Disciplina	658.2/6 658.26
Soggetti	Factories - Energy conservation Industries - Energy conservation Environmental protection
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	About the Authors -- Preface -- Introductory Chapter: Framework for Energy and Environmental Management in Industry -- 1. Introduction -- 2. Energy Use by Industrial Operations -- 3. Environmental Impacts of Industrial Operations -- 4. End Use Energy Efficiency -- 5. Efficiency of Using Raw Materials -- 6. Global Energy Policy Framework -- 7. Energy and Environmental Policies -- 7.1 Integrated Pollution Prevention and Control (IPPC) -- 7.2 Energy Markets Deregulation and Liberalization -- 7.3 Consumers' Choice in the Liberalized Energy

Market -- 7.4 Emissions Trading -- 7.5 Compulsory Energy Efficiency Programs -- 7.6 Voluntary Programs -- 8. Industries' Self-Motivation for Effective Energy and Environmental Performance -- 9. Environmentally Responsible Investing -- 10. Where to Look for Energy and Environmental Performance Improvements -- 11. Bibliography -- Part I: Energy and Environmental Management System in Industry (EEMS) -- 1. Introducing the Energy and Environmental Management System -- 1.1 Introduction -- 1.2 Definition of terms -- 1.3 Energy and Environmental Management System -- 1.4 Objectives of Energy and Environmental Management -- 1.5 Dynamics of Energy and Environmental Management -- 1.6 Human Aspects of Energy and Environmental Management -- 1.7 Initiating Training, Awareness and Motivation Programs -- 1.8 Bibliography -- 2. The Energy and Environmental Management Concept -- 2.1 Introduction -- 2.2 Interactions between Energy and Production -- 2.3 Energy Cost Centers -- 2.4 Assigning Responsibilities for Energy and Environmental Performance -- 2.6 Effective Use of Energy and Environmental Performance Indicators -- 2.7 Concept of Energy and Environmental Management System -- 2.8 Context of Energy and Environmental Management -- 2.9 Bibliography -- 3. Relationship between Energy Use and Production Volume -- 3.1 Introduction -- 3.2 Energy/Production Relationship by Design -- 3.3 Energy/Production Relationship by Standard Operational Procedure -- 3.4 Presenting the Dynamics of the Energy/Production Relationship by Scatter Diagram. 3.5 Interpretation of Energy/Production Data Pattern on the Scatter Diagram -- 3.6 Statistical Methods for Energy/Production Variability Analysis -- 3.7 Meaning and Use of the Regression Line in Energy Performance Evaluation -- 3.8 Summary of Presenting and Analyzing the Energy/Production Relationship -- 3.9 Bibliography -- 4. Evaluating the Performance of Energy and Environmental Management Practice -- 4.1 Evaluation of Past Performance -- 4.2 Energy and Environmental Auditing -- 4.3 Evaluating Organizational Aspects -- 4.4 Evaluating Operational Aspects -- 4.5 Setting a Baseline for Monitoring Performance Improvements -- 4.6 Setting Initial Targets for Performance Improvement -- 4.7 Monitoring Energy and Environmental Performance -- 4.8 Verifying Performance Improvements - CUSUM Technique -- 4.9 Moving Toward Targets - Process of Change -- 4.10 Bibliography -- 5. Implementation of the Energy and Environmental Management System -- 5.1 Introduction -- 5.2 Phases of EEMS Implementation Process -- 5.3 Preparation and Planning -- 5.4 Implementation Plan -- 5.5 EEMS Operation -- 5.6 Learning Through EEMS Operation -- 5.7 Continuity and Communication -- 5.8 Integration of EEMS with Business Management System -- 6. Energy and Environmental Management as a Driver for Integrated Performance Management -- 6.1 Introduction -- 6.2 Integrated Performance Management in Operations -- 6.3 Strategic Aspects of Performance Management -- 6.4 Integrated Performance Measurement System -- 6.5 Integrated Performance Management -- 6.6 Conclusion -- 6.7 Bibliography -- Part II: Engineering Aspects of Industrial Energy Management -- 1. Introduction to Industrial Energy Systems -- 1.1 Introduction -- 1.2 Industrial Energy Systems Analysis -- 2 Industrial Steam System -- 2.1 System Description -- 2.1.1 Boilers -- 2.3 Principles of Performance Analysis -- 2.4 Analysis of Boiler Performance -- 2.5 Factors Influencing Boiler Performance -- 2.6 Opportunities for Boiler Performance Improvement -- 2.7 Software for Boiler Performance Analysis.
2.8 Boiler Performance Monitoring -- 2.9 Steam Distribution and Condensate Return System -- 2.10 Condensate Return System -- 2.11

Environmental Impacts -- 2.12 Bibliography -- 3. Industrial Electric Power System -- 3.1 Introduction -- 3.2 Description of Industrial Electric Power Systems -- 3.3 Basic Terms -- 3.4 Tariff System -- 3.5 Main Components of Industrial Electric Power Systems -- 3.6 Performance Assessment of Industrial Electric Power Systems -- 3.7 Performance Improvement Opportunities -- 3.8 Maintenance Considerations -- 3.9 Performance Monitoring -- 3.10 Environmental Impacts -- 3.11 Bibliography -- 4. Compressed Air System -- 4.1 System Description -- 4.2 Performance Analysis -- 4.3 Performance Improvement Opportunities -- 4.4 Performance Monitoring -- 4.5 Example: Detailed Energy Audit of Compressed Air System -- 4.6 Example: Comparison of Load/Unload and Pump-up Tests -- 4.7 Bibliography -- 5. Refrigeration System -- 5.1 Description of System -- 5.2 Performance Definitions -- 5.3 Performance Analysis -- 5.4 Performance Improvement Opportunities -- 5.5 Performance Monitoring -- 5.6 Example: Improvement of ChilledWater System Operation -- 5.7 Bibliography -- 6. Industrial Cogeneration -- 6.1 System Description -- 6.2 Principles of Operation -- 6.3 Types of Industrial Cogeneration Plants -- 6.4 Operational Modes of Cogeneration Systems -- 6.5 Performance Definition -- 6.6 Factors Influencing Performance -- 6.7 Economic Aspects of Cogeneration as a Performance Improvement Measure -- 6.8 Performance Assessment -- 6.9 Performance Monitoring and Improvement -- 6.10 Environmental Impacts 415 -- 6.11 Case Study: Drying Kiln (Gas Turbine Operation Philosophy Improvement) -- 6.12 Bibliography -- Part III: Toolbox - Fundamentals for Analysis and Calculation of Energy and Environmental Performance -- Index.

Sommario/riassunto

Industrial energy systems channel fuels and power into a variety of energy types such as steam, direct heat, hot fluids and gases, and shaft power for compressors, fans, pumps, and other machine-driven equipment. All of these processes impact the environment and are impacted by external energy and environmental policies and regulations. Therefore many environmental management issues are closely related to energy use and efficiency. Applied Industrial Energy and Environmental Management provides a comprehensive and application oriented approach to the technical and managerial challenges of efficient energy performance in industrial plants. Written by leading practitioners in the field with extensive experience of working with development banks, international aid organizations, and multinational companies, the authors are able to offer real case studies as a basis to their method. The book is divided into three main parts: . Part one describes Energy and Environmental Management Systems (EEMS) in current use and management techniques for energy and environmental performance improvement. . Part two focuses on the engineering aspects of industrial energy management, describing main industrial energy systems and how to analyse and improve their energy performance. . Part three is the TOOLBOX on an accompanying website, which contains data, analytical methods and questionnaires as well as software programs, to support the practical application of the methods elaborated on in the first two parts of the book. This book will be a valuable resource to practising energy and environmental management engineers, plant managers and consultants in the energy and manufacturing industries. It will also be of interest to graduate engineering and science students taking courses in industrial energy and environmental management.