

Power Grid Project Management

Non-Fossil Energy Development in China
 Smart Grid (R)Evolution
 2021 International Conference on Applications and Techniques in Cyber Intelligence
 MSIEID 2022
 A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Seventh Edition and The Standard for Project Management (ENGLISH)
 Proceedings of the 2023 4th International Conference on Management Science and Engineering Management (ICMSEM 2023)
 Effective Project Management
 National Project Management
 TERI Energy & Environment Data Diary and Yearbook (TEDDY) 2019/20
 Proceedings of the 2022 International Conference on Bigdata Blockchain and Economy Management (ICBBEM 2022)
 Knowledge and Power
 Line Loss Analysis and Calculation of Electric Power Systems
 Project Management Professional (PMP)® Cert Guide
 Power System Grid Operation Using Synchrophasor Technology
 Integrated Resource Strategic Planning and Power Demand-Side Management
 City, Society, and Digital Transformation
 Introduction to Project Management
 Strategies for Project Sponsorship
 Handbook on Project Management and Scheduling Vol. 2
 Intelligent Equipment, Robots, and Vehicles
 The Lazy Project Manager
 Innovative Computing Vol 1 - Emerging Topics in Artificial Intelligence
 Smart Energy Grid Engineering
 ICICA 2022
 Integration of Renewable Energy Sources with Smart Grid
 Frontier Computing
 Project Management and Engineering Research, 2014
 Power Grid the Ultimate Step-By-Step Guide
 EMIS 2023
 Utilities and the National Power Grid
 Energy Revolution and Chemical Research
 The Long Haul
 Principles of Sustainable Project Management
 Strategic Project Management
 Project Management
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 Cyber Security Intelligence and Analytics
 Proceedings of the 4th International Conference on Big Data Analytics for Cyber-Physical System in Smart City - Volume 1
 The 2021 International Conference on Machine Learning and Big Data Analytics for IoT Security and Privacy

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Non-Fossil Energy Development in China Springer Nature
 This book presents the proceedings of the 2020 2nd International Conference on Machine Learning and Big Data Analytics for IoT Security and Privacy (SPloT-2021), online conference, on 30 October 2021. It provides comprehensive coverage of the latest advances and trends in information technology, science and engineering, addressing a number of broad themes, including novel machine learning and big data analytics methods for IoT security, data mining and statistical modelling for the secure IoT and machine learning-based security detecting protocols, which inspire the development of IoT security and privacy technologies. The contributions cover a wide range of topics: analytics and machine learning applications to IoT security; data-based metrics and risk assessment approaches for IoT; data confidentiality and privacy in IoT; and authentication and access control for data usage in IoT. Outlining promising future research directions, the book is a valuable resource for students, researchers and professionals and provides a useful reference guide for newcomers to the IoT security and privacy field.
 Asian Development Bank
 This book brings together successful stories of deployment of synchrophasor technology in managing the power grid. The authors discuss experiences with large scale deployment of Phasor Measurement Units (PMUs) in power systems across the world, enabling readers to take this technology into control center operations and develop good operational procedures to manage the grid better, with wide area visualization tools using PMU data.
Smart Grid (R)Evolution Springer Nature
 Due to the increasing importance of product differentiation and collapsing product life cycles, a growing number of value-adding activities in the industry and service sector are organized in projects. Projects come in many forms, often taking considerable time and consuming a large amount of resources. The management and scheduling of projects represents a challenging task and project performance may have a considerable impact on an organization's competitiveness. This handbook presents state-of-the-art approaches to project management and scheduling. More than sixty contributions written by leading experts in the field provide an authoritative survey of recent developments. The book serves as a comprehensive reference, both, for researchers and project management professionals. The handbook consists of two volumes. Volume 1 is devoted to single-modal and multi-modal project scheduling. Volume 2 presents multi-project problems, project scheduling under uncertainty and vagueness, managerial approaches and a separate part on applications, case

studies and information systems.

2021 International Conference on Applications and Techniques in Cyber Intelligence John Wiley & Sons
 This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for the Project Management Professional (PMP)® Exam success with this Cert Guide from Pearson IT Certification, a leader in IT Certification learning. Master PMP exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks Practice with realistic exam questions Project Management Professional (PMP)® Exam Cert Guide is a best-of-breed exam study guide. Author Gregory M. Horine, and author and expert instructor Asad Haque share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. The companion website contains the powerful Pearson Test Prep practice test software, complete with hundreds of exam-realistic questions. The assessment engine offers you a wealth of customization options and reporting features, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. This book will prepare you for the PMP® exam, enabling you to Understand the key elements of the PMBOK® Guide that are critical for exam success Learn PMI's approach to project management Streamline your exam preparations via exam insights, tips, and study strategies Improve your exam readiness with a clear understanding of test-taking strategies and PMP exam question types and scenarios Understand how to plan and close projects according to PMI guidelines Master the differences between predictive, agile, and hybrid project approaches Clarify the differences between the roles of the predictive project manager and the agile team facilitator Understand how to collaborate, engage, and motivate teams and stakeholders for successful completion of the project
 MSIEID 2022 John Wiley & Sons
 The 2022 2nd International Conference on Information, Control and Automation (ICICA 2022) was held on December 2nd-4th,

2022 in Chongqing, China (virtual event). Invited and contributed papers present the state-of-the-art research in information, control and automation. This workshop always welcomes a fruitful mix of experienced researchers and students, to allow a better understanding of related fields. The 2022 session of the information, control and automation was doubtlessly a great success. The program covered a wide variety of topics, namely Numerical Analysis, Information Theory, Genetic Algorithm, Distributed Control System, Industrial Control, Motors and Appliances, etc. The conference agenda was divided into two parts, including Keynote Speeches and Oral Presentations. ICICA 2022 is to bring together innovative academics and industrial experts in the field of Information, Control and Automation to a common forum. The primary goal of the conference is to promote research and developmental activities in Information, Control and Automation and another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working all around the world. The conference will be held every year to make it an ideal platform for people to share views and experiences in Information, Control and Automation and related areas. Everyone interested in these fields were welcomed to join the online conference and to give comments and raise questions to the speeches and presentations.
A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Seventh Edition and The Standard for Project Management (ENGLISH) 5starcooks
 The term 'smart grid' has become a catch-all phrase to represent the potential benefits of a revamped and more sophisticated electricity system that can fulfil several societal expectations related to enhanced energy efficiency and sustainability. Smart grid promises to enable improved energy management by utilities and by consumers, to provide the ability to integrate higher levels of variable renewable energy into the electric grid, to support the development of microgrids, and to engage citizens in energy management. However, it also comes with potential pitfalls, such as increased cybersecurity vulnerabilities and privacy risks. Although discussions about smart grid have been dominated by technical and economic dimensions, this book takes a sociotechnical systems perspective to explore critical questions shaping energy system transitions. It will be invaluable for advanced students, academic researchers, and energy professionals in a wide range of disciplines, including energy studies, energy policy, environmental science, sustainability science and environmental engineering.
 Proceedings of the 2023 4th International Conference on Management Science and Engineering Management (ICMSEM 2023) Springer Nature
 Based on expert practitioners contributions from across the globe including Brazil, Jamaica, Malaysia, Pakistan, Thailand, the United

Kingdom, and the United States, *Strategic Project Management: Contemporary Issues and Strategies for Developing Economies* offers modern experiences, best practices, and tools for individuals and teams working in pro [Effective Project Management](#) The Energy and Resources Institute (TERI)

Economics, finance, business and industry.

[National Project Management](#) John Wiley & Sons

Project management can help companies become more efficient and profitable. But classic project management models often prove too cumbersome for smaller businesses with limited staff resources, tight budgets, and next to no time to devote to learning complex methodologies. These smaller enterprises need the core principles and techniques of project management in a streamlined package. *Project Management for Small Business* offers simple, repeatable practices for planning, executing, and controlling projects in smaller environments in which one team member may wear multiple hats. Readers will learn how to: ò Define project requirements and scope ò Create a project schedule based on resource availability ò Estimate, budget, and control project costs ò Identify and minimize project risks ò Manage workflow ò Communicate effectively ò Control project change ò And more. Grounded in real-world experience, this practical guide skips the complicated theory and goes straight to the heart of what it really takes to make a project a success.

TERI Energy & Environment Data Diary and Yearbook (TEDDY) 2019/20 CRC Press

Smart Energy Grid Engineering provides in-depth detail on the various important engineering challenges of smart energy grid design and operation by focusing on advanced methods and practices for designing different components and their integration within the grid. Governments around the world are investing heavily in smart energy grids to ensure optimum energy use and supply, enable better planning for outage responses and recovery, and facilitate the integration of heterogeneous technologies such as renewable energy systems, electrical vehicle networks, and smart homes around the grid. By looking at case studies and best practices that illustrate how to implement smart energy grid infrastructures and analyze the technical details involved in tackling emerging challenges, this valuable reference considers the important engineering aspects of design and implementation, energy generation, utilization and energy conservation, intelligent control and monitoring data analysis security, and asset integrity. Includes detailed support to integrate systems for smart grid infrastructures Features global case studies outlining design components and their integration within the grid Provides examples and best practices from industry that will assist in the migration to smart grids

Proceedings of the 2022 International Conference on Bigdata Blockchain and Economy Management (ICBBEM 2022) CRC Press

The primary goal of the book is to promote research and developmental activities in energy, power technology and chemical technology. Besides, it aims to promote scientific information interchange between scholars from top universities, business associations, research centers and high-tech enterprises working all around the world. The conference conducted in-depth exchanges and discussions on relevant topics such as energy engineering and chemical engineering, aiming to provide an academic and technical communication platform for scholars and engineers engaged in scientific research and engineering practice in the field of energy materials, energy equipment and electrochemistry. By sharing the research status of scientific research achievements and cutting-edge technologies, it helps scholars and engineers all over the world comprehend the academic development trends and broaden research ideas. So as to strengthen international academic research, academic topics exchange and discussion, and promote the industrialization cooperation of academic achievements.

Knowledge and Power Project Management Institute

This volume contains the papers presented at the 2nd International Conference on Engineering Management and Information Science (EMIS 2023), held during December 24th-26th, 2023 (virtual event). With the theme of "bringing together global wisdom in scientific innovation to promote high-quality development", the immediate purpose of this Conference was to gather experienced as well as young scientists who are interested in working actively on various aspects of engineering management and information science to drive development. The major topics covered in the Conference are: Project Management Information System, Logistics Information System, Intelligent Transportation Engineering, Passwords and Security Systems, Numerical Algorithms for Computers, Innovative Network Systems and Applications, Knowledge Acquisition and Management, etc... Here, scholars, experts, and researchers are welcomed to share their research progress and inspirations. It is a great opportunity to promote academic communication and collaboration worldwide.

Line Loss Analysis and Calculation of Electric Power Systems The Energy and Resources Institute (TERI)

This book comprises select peer-reviewed proceedings of the 6th International Conference on Innovative Computing (IC 2023). The

contents focus on communication networks, business intelligence and knowledge management, web intelligence, and fields related to the development of information technology. The chapters include contributions on various topics such as databases and data mining, networking and communications, web and Internet of Things, embedded systems, soft computing, social network analysis, security and privacy, optical communication, and ubiquitous/pervasive computing. This volume will serve as a comprehensive overview of the latest advances in information technology for those working as researchers in both academia and industry.

[Project Management Professional \(PMP\)® Cert Guide](#) Springer Nature

This book starts with an overview of renewable energy technologies, smart grid technologies, energy storage systems, and covers the details of renewable energy integration with smart grid and the corresponding controls. This book provides better views on power scenario in developing countries. The requirement of the integration of smart grid along with the energy storage systems are deeply discussed to acknowledge the importance of sustainable development of smart city. The methodologies are made quite possible with the high-efficient power convertor topologies and intelligent control schemes. These control schemes are capable to provide better control with the help of machine intelligence techniques and artificial intelligence. The book also addresses the modern power convertor topologies and the corresponding control schemes for renewable energy integration with smart grid. The design and analysis of power converters that are used for grid integration of solar PV along with simulation and experimental results are illustrated. The protection aspects of the microgrid with power electronic configurations for wind energy systems are elucidated.

[Power System Grid Operation Using Synchrophasor Technology](#) Pearson IT Certification

This volume features papers from the 18th International Congress on Project Management and Engineering, held by the University of Zaragoza in collaboration with the Spanish Association of Project Management and Engineering (AEIPRO). It illustrates the state of the art in this emerging area. Readers will discover ways to increase the effectiveness of project engineering as well as the efficiency of project management. The papers, written by international researchers and professionals, cover civil engineering and urban planning, product and process engineering, environmental engineering, energy efficiency and renewable energies, rural development, safety, labor risks and ergonomics, and training in project engineering. Overall, this book contributes to the improvement of project engineering research and enhances the transfer of results to the job of project engineers and project managers around the world. It will appeal to all professionals in the field as well as researchers and teachers involved in the training of future professionals.

[Integrated Resource Strategic Planning and Power Demand-Side Management](#) John Wiley & Sons

This book presents the fundamentals of project management in simple language and an easy-to-understand format. It is targeted principally at those who are learning or desiring to learn project management as well as those who are already taking project management as a course of study or as a profession. It covers all the basic aspects of project management including the core areas prescribed by the Project Management Institute (PMI) in the Project Management Body of Knowledge (PMBOK) sixth edition. Although the PMBOK Guide seventh edition has significantly shifted focus from a process based standard to a principle based standard, it does not invalidate nor replace the detailed knowledge base contained in the sixth edition, which substantially emphasizes project management processes and knowledge areas. This is particularly apt for the traditional approach to project delivery, which is predictive in nature and has the bulk of the planning done upfront. The sections of the book are arranged in order of Project Management Processes as they fall within the respective Project Management Knowledge Areas. Experienced project manager, Davies Igberaese, presents all the basic content of traditional project management in a straightforward practical sequence as a typical project manager would go about the processes of initiating, planning, executing, monitoring, and closing a project without losing sight of the iterative nature of project management. The inclusion of Project Management Templates gives students and other users of the book the confidence required to effectively understand the basics of managing a wide variety of projects across disciplines including construction, building, industrial engineering, petroleum engineering, software engineering, information technology, business administration, and event management. Introduction to Project Management: A Source Book for Traditional PM Basics can serve as a core textbook for academic courses in project management, for preparing for PMP and CAPM Certification exams, as an excellent resource for new project managers, as well as a handy reference book for project sponsors.

City, Society, and Digital Transformation Berrett-Koehler Publishers

This is an open access book. Management science aims to study the dynamic study of human use of limited resources in

management activities to achieve organizational goals: complex and innovative social behavior and its laws. And engineering management refers to the management of important and complex new products, equipment and devices in the process of development, manufacturing and production, and also includes the study and management of technological innovation, technological transformation, transformation, transformation, layout and strategy of industrial engineering technology development. The development or breakthrough of management theory is accompanied by the development and progress of science and technology, and the level of science and technology and the level of management theory in each historical period are mutually adaptive, and it can be said that the progress of science and technology plays an important role in promoting the development of management. At the same time, the rapid development and progress of science and technology give a strong injection to the development of engineering, and provide the possibility for engineering construction can use new technology, new equipment, new technology and new materials. Modern management is an important development direction of management science nowadays. And the use of modern management in engineering has an important role in saving social costs, ensuring project quality, and improving safety awareness and behavior. ICMSEM 2023 will focus on modern management, discuss about the benefits that modernization brings to engineering. ICMSEM 2023 aims to: Develop and advance management science through the study and application of certain issues. Open up new perspectives in the sharing of speakers and inspire the audience to new ways of managing in engineering. Create a forum for sharing, research and exchange at the international level, so that the participants can be informed of the latest research directions, results and contents of management science, which will inspire them to new ideas for research and practice.

[Introduction to Project Management](#) Academic Press

This book presents the outcomes of the 2021 International Conference on Cyber Security Intelligence and Analytics (CSIA 2021), an international conference dedicated to promoting novel theoretical and applied research advances in the interdisciplinary field of cyber security, particularly focusing on threat intelligence, analytics, and countering cybercrime. The conference provides a forum for presenting and discussing innovative ideas, cutting-edge research findings and novel techniques, methods and applications on all aspects of cyber security intelligence and analytics. Due to COVID-19, Authors, Keynote Speakers and PC committees will attend the conference online.

Strategies for Project Sponsorship Cambridge University Press

PMBOK® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard for Project Management enumerates 12 principles of project management and the PMBOK® Guide – Seventh Edition is structured around eight project performance domains. This edition is designed to address practitioners' current and future needs and to help them be more proactive, innovative and nimble in enabling desired project outcomes. This edition of the PMBOK® Guide: Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.); Provides an entire section devoted to tailoring the development approach and processes; Includes an expanded list of models, methods, and artifacts; Focuses on not just delivering project outputs but also enabling outcomes; and Integrates with PMIstandards+™ for information and standards application content based on project type, development approach, and industry sector.

Handbook on Project Management and Scheduling Vol. 2 Springer Nature

This is an open access book. As a leading role in the global megatrend of scientific innovation, China has been creating a more and more open environment for scientific innovation, increasing the depth and breadth of academic cooperation, and building a community of innovation that benefits all. These endeavors have made new contribution to globalization and creating a community of shared future. With the rapid development of modern economic society, in the process of economic management, informatization has become the mainstream of economic development in the future. At the same time, with the emergence of advanced management technologies such as blockchain technology and big data technology, real market information can be quickly obtained in the process of economic management, which greatly reduces the operating costs of the market economy and effectively enhances the management level of operators, thus contributing to the sustained, rapid and healthy development of the market economy. Under the new situation, the innovative application of economic management research is of great practical significance. 2022 International Conference on Bigdata, Blockchain and Economic Management (ICBBEM 2022) will be held on March 25-27, 2022 in Wuhan, China. ICBBEM 2022 will focus on the latest fields of Bigdata, Blockchain and Economic Management to provide an international platform for experts, professors, scholars and engineers from universities, scientific institutes, enterprises

and government-affiliated institutions at home and abroad to share experiences, to expand professional fields, to exchange

new ideas face to face, to present research results, and to discuss the key challenging issues and research directions facing the development of this field, with a view to promoting the

development and application of theories and technologies in universities and enterprises.

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