1. Record Nr. UNINA9910416152903321

Titolo	European Journal of Rhinology and Allergy
Pubbl/distr/stampa	Cankaya, Ankara : , : Turkish Rhinologic Society, , 2018-
ISSN	2636-8072
Descrizione fisica	1 online resource
Soggetti	Nose - Diseases Allergy Nose Nose Diseases Allergy and Immunology Nez - Maladies Nez Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr. UNINA9911006578203321

Autore	Thomsen Kurt E
Titolo	Offshore wind : a comprehensive guide to successful offshore wind farm installation / / Kurt E. Thomsen
Pubbl/distr/stampa	Waltham, Mass., : Elsevier, 2012
ISBN	1-283-34788-1 9786613347886 0-12-385937-9
Descrizione fisica	1 online resource (353 p.)
Disciplina	333.92 621.312136
Soggetti	Wind power plants Wind power
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Front Cover; Offshore Wind: A Comprehensive Guide to Successful Offshore Wind Farm Installation; Copyright; Dedication; Contents; Preface; Why Do You Need This Book?; Who Should Read This Book?; How Does the Author Feel about Wind Farms?; What Can You Get Out of This Book?; Acknowledgments; About the Authors; Chapter 1: What Is an Offshore Wind Farm?; Monopile; Gravity Base; Tripod; Jacket; Chapter 2: Obtaining Permits for Wind Farms; The United States; Offshore Wind Potential; Permits for the Outer Continental Shelf; Obtaining Permits for State Waters; Obtaining Permits for the Great Lakes Offshore PlanningFederal Planning; State Planning; Requests for Proposals; Federal Permitting; The Permitting Process; State, Regional, and Local Permitting; Stakeholder Outreach; The United kingdom; Offshore Wind Potential; Offshore Planning; Offshore Leasing; Permitting and Consenting; Additional Industry Support; Germany; Offshore Wind Potential; Governmental Permitting; State Permitting; Offshore Wind Standing Committee; Other significant offshore wind markets; Chapter 3: Project Planning; Project Strategy Outline; Organization; Metocean Conditions; Seabed Conditions; The Turbine

Health, Safety, and Environmental Compliance with PermittingThe Project Execution Plan; Start of Production; The Logistics Setup; Form of the Contract; Project Options; Do It Yourself; EPIC Contracting; Tender and Contract Strategy; Quality Assurance AND Quality Control Requirements; Human Resources for Installations; Chapter 4: The Basic Organization; Sales; Identify Projects; Tender Projects; Prepare Contracts; Negotiate Terms; Hire Sub Suppliers; Prepare Documentation for Project Planning and Execution; Specify All Products and Services; Specify Interfaces; Planning
Design Equipment for ProjectPlan the Process of Project; Design and Plan Facilities and Specify Equipment; Specify Certification and Other Means of Documentation; Perform Due Diligence on Methods Prior to Start; QA and HSE; Define Interfaces and Requirements; Compliance of Project; Risk Assessment; Hazard Identification; Working Procedures; Supplier Assessments; Training of Personnel; Project Management; Project Due Diligence; Contract Sub Suppliers; Build and/or Buy and Implement All Equipment and Services; Set Up and Manage Site; Load Out and Installation of Turbines
Documentation of All WorkCoordinate QA/HSE Work; Service Department; Technical Management; Chapter 5: Project Preparation; Define Project Parameters; Contracting Products and Services; Developing Project HSE Plans and Procedures; Developing QA/QC Plans and Procedures; Determining Methods and Required Equipment; Defining the Balance of Plant; Creating the Final Project Time Schedule; The Choice of Equipment; The Turbine Type; Installation Time; Necessary Weather Window; Onsite Metocean Conditions; Distance and Navigation Time; Auditing the Contract Suppliers
Implementing Plans and Procedures for Suppliers and Contractors

Sommario/riassunto

This book is the first-ever roadmap to successful offshore wind installation. It provides a ready reference for wind project managers, teaching them how to deal with complications on-site, as well as for financers, who can utilize the text as an easy guide to asking the pivotal questions of petitioning wind project developers. These developers' planning stages will be improved by the book's expert advice on how to avoid wasting money by scoping out and mitigating potential problems up-front. Wind turbine manufacturers will benefit from insights into design optimization to support cheaper insta