

## Energy Solutions Group Llc

In 2009, Rolling Stone named Joe Romm to its list of "100 People Who Are Changing America." Romm is a climate expert, physicist, energy consultant, and former official in the Department of Energy. But it's his influential blog, one of the "Top Fifteen Green Websites" according to Time magazine, that's caught national attention. Climate change is far more urgent than people understand, Romm says, and traditional media, scientists, and politicians are missing the story. Straight Up draws on Romm's most important posts to explain the dangers of and solutions to climate change that you won't find in newspapers, in journals, or on T.V. Compared to coverage of Jay-Z or the latest philandering politician, climate change makes up a pathetically small share of news reports. And when journalists do try to tackle this complex issue, they often lack the background to tell the full story. Despite the dearth of reporting, polls show that two in five Americans think the press is actually exaggerating the threat of climate change. That gives Big Oil, and others with a vested interest in the status quo, a huge opportunity to mislead the public. Romm cuts through the misinformation and presents the truth about humanity's most dire threat. His analysis is based on sophisticated knowledge of renewable technologies, climate impacts, and government policy, written in a style everyone can understand. Romm shows how a 20 percent reduction in global emissions over the next quarter century could improve the economy; how we can replace most coal and with what technologies; why Sarah Palin wears a polar bear pin; and why controversial, emerging technologies like biochar have to be part of the solution. The ultimate solution, Romm argues, is bigger than any individual technology: it's citizen action. Without public pressure, Washington and industry don't budge. With it, our grandkids might just have a habitable place to live. "The Web's most influential climate-change blogger" and "Hero of the Environment 2009" —Time Magazine "I trust Joe Romm on climate." —Paul Krugman, New York Times "America's fiercest climate-change activist-blogger" and one of "The 100 People Who Are Changing America" — Rolling Stone "One of the most influential energy and environmental policy makers in the Obama era" — U.S. News & World Report "The indispensable blog" —Thomas Friedman, New York Times "One of the most influential energy and environmental policy makers in the Obama era" — U.S. News & World Report "The indispensable blog" —Thomas Friedman, New York Times

The Directory of Corporate Counsel, Fall 2021 Edition remains the only comprehensive source for information on the corporate law departments and practitioners of the companies of the United States and Canada. Profiling over 30,000 attorneys and more than 12,000 companies, it supplies complete, uniform listings compiled through a major research effort, including information on company organization, department structure and hierarchy, and the background and specialties of the attorneys. This newly revised two volume edition is easier to use than ever before and includes five quick-search indexes to simplify your search: - Corporations and Organizations Index - Geographic Index - Attorney Index Law - School Alumni Index - Nonprofit Organizations Index Previous Edition: Directory of Corporate Counsel, Spring 2021 Edition, ISBN 9781543836479

The volume presents innovative approaches to improving energy access in underprivileged communities. A core theme is the use of previously underutilized or unrecognized resources that can be found through synergies in supply and value innovation, novel financing methods, and the use of leapfrog technologies. The contributors illustrate how decentralized approaches and small-scale localized solutions can promote climate change mitigation and adaptation and increase the resiliency of vulnerable communities. This book gathers selected articles from the 2014 Micro energy Systems Conference at UC Berkeley that focus on technical, financial, human, institutional, and natural resource capital. The contributions reflect the latest concepts, theories, methods and techniques, offering a valuable resource for researchers, practitioners and governmental institutions engaged in the field of energy access for developing countries.

'An historically grounded study on a cutting-edge topic, Intellectual Property and Climate Change has it all. Not only is it well-written, concise, and hugely informative, it is also a timely intervention addressing truly global challenges. Quite simply, a must-read.' Eva Hemmungs Wirtén, Uppsala University, Sweden 'Rimmer provides a much needed, well written, authoritative book on the intellectual property aspects of climate change, natural disasters, clean vehicles, and renewable energy. The book is essential reading for those wishing to better understand the complex patent issues involved with transitioning away from our current fossil-dominated economy to a more environmentally sustainable and equitable energy future.' Benjamin K. Sovacool, National University of Singapore In the wake of the international summits in Copenhagen and Cancún, there is an urgent need to consider the role of intellectual property law in encouraging research, development, and diffusion of clean technologies to mitigate and adapt to the effects of climate change. This book charts the patent landscapes and legal conflicts emerging in a range of fields of innovation including renewable forms of energy, such as solar power, wind power, and geothermal energy; as well as biofuels, green chemistry, green vehicles, energy efficiency, and smart grids. As well as reviewing key international treaties, this book provides a detailed analysis of current trends in patent policy and administration in key nation states, and offers clear recommendations for law reform. It considers such options as technology transfer, compulsory licensing, public sector licensing, and patent pools; and analyses the development of Climate Innovation Centres, the Eco-Patent Commons, and environmental prizes, such as the L-Prize, the H-Prize, and the X-Prizes. This book will have particular appeal to policy-makers given its focus upon recent legislative developments and reform proposals, as well as legal practitioners by developing a better understanding of recent legal, scientific, and business developments, and how they affect their practice. Innovators, scientists and researchers will also benefit from reading this book.

Sustainability in agriculture and associated primary industries, which are both energy-intensive, is crucial for the development of any country. Increasing scarcity and resulting high fossil fuel prices combined with the need to significantly reduce greenhouse gas emissions, make the improvement of energy efficient farming and increased use of rene

The energy industry is boiling over with changes. Deregulation, new opportunities in foreign fields and markets and environmental challenges are rushing together head-on to shape the energy and utilities business of the future. Extremely deep offshore wells in the Gulf of Mexico and offshore of West Africa are being drilled at immense cost. Meanwhile China has become a major energy importer and Russia has become a major exporter. In the U.S., Europe and Japan, renewable and alternative energy sources are developing quickly, including big breakthroughs in wind power and fuel cells. This exciting new reference book covers everything from major oil companies to electric and gas utilities, plus pipelines, refiners, retailers, oil field services and engineering. Petroleum topics include upstream and downstream. Additional topics include coal, natural gas and LNG. More than a dozen statistical tables cover everything from energy consumption, production and reserves to imports, exports and prices. Next, our unique profiles of the Energy 500 Firms are also included, with such vital details as executive contacts by title, revenues, profits, types of business, web sites, competitive advantage, growth plans and more. Purchasers of either the book or PDF version can receive a free copy of the company profiles database on CD-ROM, enabling key word search and export of key information,

addresses, phone numbers and executive names with titles for every company profiled.

For four decades, Petroleum Refining has guided thousands of readers toward a reliable understanding of the field, and through the years has become the standard text in many schools and universities around the world offering petroleum refining classes, for self-study, training, and as a reference for industry professionals. The sixth edition of this perennial bestseller continues in the tradition set by Jim Gary as the most modern and authoritative guide in the field. Updated and expanded to reflect new technologies, methods, and topics, the book includes new discussion on the business and economics of refining, cost estimation and complexity, crude origins and properties, fuel specifications, and updates on technology, process units, and catalysts. The first half of the book is written for a general audience to introduce the primary economic and market characteristics of the industry and to describe the inputs and outputs of refining. Most of this material is new to this edition and can be read independently or in parallel with the rest of the text. In the second half of the book, a technical review of the main process units of a refinery is provided, beginning with distillation and covering each of the primary conversion and treatment processes. Much of this material was reorganized, updated, and rewritten with greater emphasis on reaction chemistry and the role of catalysis in applications. Petroleum Refining: Technology, Economics, and Markets is a book written for users, the practitioners of refining, and all those who want to learn more about the field.

This book gathers an in-depth collection of 45 selected papers presented at the Global Conference on Global Warming 2014 in Beijing, China, covering a broad variety of topics from the main principles of thermodynamics and their role in design, analysis, and the improvements in performance of energy systems to the potential impact of global warming on human health and wellbeing. Given energy production's role in contributing to global warming and climate change, this work provides solutions to global warming from the point of view of energy. Incorporating multi-disciplinary expertise and approaches, it provides a platform for the analysis of new developments in the area of global warming and climate change, as well as potential energy solutions including renewable energy, energy efficiency, energy storage, hydrogen production, CO<sub>2</sub> capture and environmental impact assessment. The research and analysis presented herein will benefit international scientists, researchers, engineers, policymakers and all others with an interest in global warming and its potential solutions.

The Valuation Handbook – U.S. Guide to Cost of Capital, 2011 Essentials Edition includes two sets of valuation data: Data previously published in the 2011 Duff & Phelps Risk Premium Report Data previously published in the Morningstar/Ibbotson 2011 Stocks, Bonds, Bills, and Inflation (SBBBI) Valuation Yearbook The Valuation Handbook – 2011 U.S. Essentials Edition includes data through December 31, 2010, and is intended to be used for 2011 valuation dates. The Valuation Handbook – U.S. Guide to Cost of Capital, Essentials Editions are designed to function as historical archives of the two sets of valuation data previously published annually in: The Morningstar/Ibbotson Stocks, Bonds, Bills, and Inflation (SBBBI) Valuation Yearbook from 1999 through 2013 The Duff & Phelps Risk Premium Report from 1999 through 2013 The Duff & Phelps Valuation Handbook – U.S. Guide to Cost of Capital from 2014 The Valuation Handbook – U.S. Essentials Editions are ideal for valuation analysts needing "historical" valuation data for use in: The preparation of carve-out historical financial statements, in cases where historical goodwill impairment testing is necessary Valuing legal entities as of vintage date for tax litigation related to a prior corporate restructuring Tax litigation related to historical transfer pricing policies, etc. The Valuation Handbook – U.S. Essentials Editions are also designed to serve the needs of: Corporate finance officers for pricing or evaluating mergers and acquisitions, raising private or public equity, property taxation, and stakeholder disputes Corporate officers for the evaluation of investments for capital budgeting decisions Investment bankers for pricing public offerings, mergers and acquisitions, and private equity financing CPAs who deal with either valuation for financial reporting or client valuations issues Judges and attorneys who deal with valuation issues in mergers and acquisitions, shareholder and partner disputes, damage cases, solvency cases, bankruptcy reorganizations, property taxes, rate setting, transfer pricing, and financial reporting For more information about Duff & Phelps valuation data resources published by Wiley, please visit [www.wiley.com/go/valuationhandbooks](http://www.wiley.com/go/valuationhandbooks).

Covering the basic concepts and principles of Information Technology (IT), this book gives energy managers the knowledge they need to supervise the IT work of a consultant or a vendor. The book provides the necessary information for the energy manager to successfully purchase, install, and operate complex, Web-based energy information and control systems. Filled with comprehensive information, this book addresses the most significant concepts and principles that the typical energy or facility manager might need with emphasis on computer networking, use of facility operation databases, and sharing data using the Web and the TCP/IP communications protocol.

Plunkett's Energy Industry Almanac 2009 The Only Comprehensive Guide to the Energy & Utilities Industry Plunkett Research, Ltd. Authored by experts in various facets of civil litigation and reviewed by general editor William C. Bochet, LexisNexis Practice Guide New Jersey Trial, Post-Trial, and Appellate Proceedings offers quick, direct, New Jersey-specific answers to questions that arise in day-to-day civil litigation practice. Topically organized, LexisNexis Practice Guide New Jersey Trial, Post-Trial, and Appellate Proceedings covers a range of civil practice issues and takes task-oriented approach to each subject in its action-oriented section headings (e.g. Moving for Relief in Limine, Preparing for Direct Examinations of Experts at Trial, and Making Objections or Requests for Curative Instructions) and multiple checklists in each chapter that guide the reader through each step of a task. This publication covers critical topics such as jury charges, bench trial, opening statements, burdens of proof, trial motions, party and non-party witnesses, expert witnesses, summations, and bringing appeals. It includes numerous practice tips (Strategic Point, Warning, Timing and Exception) to ensure best practices and help the attorney make choices, avoid practice pitfalls and recognize important time limitations and exceptions to general rules. The online product includes practice forms. Latinovating is the first book showcasing Latino-led innovation and entrepreneurship in the green economy. As the American green economy picks up momentum, what industries are being transformed for long-term sustainability? What opportunities await you as you begin your business career or your career transition? Which businesses are leading the transformation? What role is the Latino business community playing in this transformation and how can you join them? Who will be growing and hiring for years to come? How can you best position yourself to join the great green American wave? This book takes you inside organizations where real, long-term sustainable practices and innovations are happening today. It spotlights the Latinos and Latinas leading these companies, innovating new ideas and technologies to retool America's energy grid, lighting systems, commercial printing, communication infrastructure and much more. American Latinos have a historical and cultural bias to conserve and reuse resources. It's no wonder that today Latinos are at the forefront of many sustainable initiatives. Unfortunately, the average American employee and the mainstream American media have absolutely no idea of these innovations, contributions and opportunities. It's time to change the conversation. You will read about: Industry transformations and success stories of sustainable businesses Who is

creating long-term solutions for our new sustainable, green economy How Latinos are applying their hard work, talent, education, innovative thinking, culturally-engrained environmental advocacy, and creative spirit to improve America for all Americans

In the new edition of *The Acquisition & Divestiture of Petroleum Property*, authors Jim Haag and Gene Wiggins have thoroughly revised and expanded upon the comprehensive first edition. This book is a primer for anyone involved in the acquisition or divestiture of petroleum property. It provides guidance from the initial decision by a company to either purchase or sell property in any stage of its life cycle, whether it is conventional or unconventional production, or if the property is located in the United States or in an international setting. With new case studies and an improved format, this book will benefit anyone involved in the transaction process. Features and Benefits Consider geology and basin location in property analysis Determine oil and gas reserves volumes with reservoir engineering methods Assess property value and risk factors Analyze unconventional resources and reserves Determine market value from pricing cycles and recent transactions Review challenges to acquire properties outside the United States

**#1 NEW YORK TIMES BEST SELLER** • In this urgent, authoritative book, Bill Gates sets out a wide-ranging, practical—and accessible—plan for how the world can get to zero greenhouse gas emissions in time to avoid a climate catastrophe. Bill Gates has spent a decade investigating the causes and effects of climate change. With the help of experts in the fields of physics, chemistry, biology, engineering, political science, and finance, he has focused on what must be done in order to stop the planet's slide to certain environmental disaster. In this book, he not only explains why we need to work toward net-zero emissions of greenhouse gases, but also details what we need to do to achieve this profoundly important goal. He gives us a clear-eyed description of the challenges we face. Drawing on his understanding of innovation and what it takes to get new ideas into the market, he describes the areas in which technology is already helping to reduce emissions, where and how the current technology can be made to function more effectively, where breakthrough technologies are needed, and who is working on these essential innovations. Finally, he lays out a concrete, practical plan for achieving the goal of zero emissions—suggesting not only policies that governments should adopt, but what we as individuals can do to keep our government, our employers, and ourselves accountable in this crucial enterprise. As Bill Gates makes clear, achieving zero emissions will not be simple or easy to do, but if we follow the plan he sets out here, it is a goal firmly within our reach.

There are few industry sectors in the world today with more potential than renewable and hydrogen energy. Clean, green and renewable energy technologies are receiving immense emphasis from investors, environmentalists, governments and major corporations. Today's high prices for crude oil, coal and natural gas will increase the demand for renewables of all types. A wide variety of technologies are being researched, developed and implemented on a global basis, from Stirling engines to wind power, from advanced nuclear plants to geothermal and fuel cells. Our analysis also includes tar sands (oil sands), oil shale, fuel cells, clean coal, distributed power, energy storage, biofuels and much more. You'll find a complete overview, industry analysis and market research report in one superb, value-priced package. It contains thousands of contacts for business and industry leaders, industry associations, Internet sites and other resources. This book also includes statistical tables, an industry glossary and thorough indexes. The corporate profiles section of the book includes our proprietary, in-depth profiles of the 250 leading companies in all facets of the alternative, renewable and hydrogen energy business. Here you'll find complete profiles of the hot companies that are making news today, the largest, most successful corporations in the business. Purchasers of either the book or PDF version can receive a free copy of the company profiles database on CD-ROM, enabling key word search and export of key information, addresses, phone numbers and executive names with titles for every company profiled.

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