

Energy Essentials for New Employees – Online

Course Length

Approximately six hours

Course Description

This course provides an introductory overview of the natural gas and electric industries. It assumes no previous knowledge of these industries and is ideal for new employee or summer hire orientation. The course has been fully updated for 2006 and is now available in convenient online format. Simply log-in via our website and begin learning about natural gas and electricity!

Who Should Take This Course?

This seminar provides a basic introduction to the natural gas and electric industries and is designed for those with little or no previous knowledge. You should take the course if you are a:

- New hire in a gas or electric utility or any other business within the energy industry
- Summer intern in a gas or electric utility or any other business within the energy industry
- New hire in a business providing services to the energy industry
- Summer intern in a business providing services to the energy industry

What You Will Learn

Upon completing Energy Essentials for New Employees, you will have a basic understanding of how the natural gas and electric industries operate. You will complete the seminar with a firm grasp of:

- What natural gas and electricity are and why they are important to our economy
- Who uses natural gas and electricity, how they use it, and service options they have
- How gas and electricity is produced and delivered
- Who are market participants in the natural gas and electric delivery chains
- How regulation and deregulation have affected and continue to affect industry participants
- How market dynamics affect business in the energy industry

8 Great Benefits You Won't Find Anywhere Else!

This Energy Essentials Online™ product has been uniquely designed to offer the best value in the business. With your purchase, you will receive:

- A 45-day license – view this course as many times and in any order you like within the 30-day license period
- E-mail access to Energodynamics – ask any questions relevant to the course material
- Audio and full-color presentation – this is not a page turner!
- Online exercises – designed to cement your understanding plus access to reference materials you can print and refer to for years to come
- Expert instruction – this course was developed by professionals with decades of experience in the industry.
- Full-color presentations – our seminars are carefully designed for maximum impact and interest
- Learn anytime and anywhere – wherever you have Internet access
- Your satisfaction is guaranteed – so you have nothing to lose

Cost

\$345 for a single user with substantial discounts for bulk purchases. Please call us at 1-866-765-5432 for more information on quantity sales and site licenses. Click here to purchase this course:

<http://www.energodynamics.com/19>

Course Content

- Overview of Natural Gas and Electricity
 - What natural gas is and how it works
 - What electricity is and how it works
 - Key physical characteristics of gas and electricity
 - Natural gas and electricity in our society
 - Units used in gas and electricity
 - Typical gas and electric consumption patterns
- Customers
 - Who gas and electric customers are
 - What different customers use gas and electricity for
 - Natural gas usage patterns

Call 866-765-5432 for more information and bulk pricing

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- Electricity usage patterns
- Customer needs and services designed to satisfy them
- The Physical System and Delivery Chain
 - Where natural gas comes from
 - Typical North American gas flows
 - The natural gas delivery system
 - LNG as an alternative source of supply
 - Current supply/demand situation
 - Operating the gas system
 - Market participants
 - The current natural gas market structure
 - How electricity is generated
 - The electric physical system
 - Types of generation and their uses
 - Transmission
 - Distribution
 - Key components of system reliability
 - Current supply/demand situation
 - System operations
 - Market participants
 - Different electric market structures
- Regulation, Deregulation and Market Evolution
 - Why we have regulation and what it does
 - Who the regulators are and what they regulate
 - The regulatory process
 - The history of gas regulation/deregulation
 - The history of electric regulation/deregulation
 - National and state restructuring activities
 - Key ongoing regulatory issues
- Making Money and Managing Risk
 - A typical gas transaction
 - A typical electric transaction
 - Profitability for various companies
 - Risk in the energy business
 - Gas price volatility
 - Electric price volatility
 - Tools for managing risk
- The Future
 - The future of regulation
 - The future of technology
 - The future of markets
 - The brain drain

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