

## Gas Industry Overview – Online

### Course Length

Approximately eight hours

### Prerequisites

None

### Course Description

This course provides a basic overview of how the natural gas business operates. It assumes little previous knowledge of the industry, and is appropriate for both new hires as well as those more experienced who can benefit from a broad understanding of industry dynamics. Most modules will take from 45 minutes to one hour to complete and include interactive assessments of your learning progress.

### Who Should Take this Course?

This seminar is essential for anyone needing a broader perspective on how the natural gas business operates. Specifically, you should take the course if you are a(n):

- Senior manager needing a broader understanding of the gas business
- Professional moving into the gas industry from another industry
- Engineer working in the gas industry who needs to understand how the business operates
- Experienced energy industry employee needing a broader business overview
- Recent hire into a gas production, pipeline or utility company
- Sales professional providing services to the natural gas industry
- Finance, legal, public relations, or regulatory professional
- Technical professional becoming involved in regulatory issues

### What You Will Learn

Upon completing Gas Industry Overview, you will have a solid understanding of the workings of the gas industry from wellhead to burnertip. You will complete this seminar with a firm grasp of:

- Natural gas users and their needs
- The physical system and its operation
- Market structures and market participants
- Regulation of market participants
- Key trends to watch in the future
- And much more!

This knowledge will empower you to better interact with industry participants and to better understand the impact of your day-to-day activities on the marketplace as a whole.

### 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 single user license to the course – view the course material as many times and in any order you like during the license period.
- E-mail access to Enerdynamics – feel free to ask any questions relevant to the course material.
- Professional audio and animated content – 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.enerdynamics.com/36>

### Course Content

- Introduction
  - Natural gas in our society
  - Physical properties of natural gas
  - Gas units
- Gas Customers
  - The six basic customer types
  - How different customer types use gas
  - Usage patterns
  - Customer needs and wants
  - Aggregate load curves
  - Options for customers to fulfill electric needs

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## Gas Industry Overview – Online

- Average costs by customer type
- The Gas Delivery System
  - What is natural gas?
  - Major supply basins and sources of natural gas
  - The natural gas delivery system
  - The North American transmission network
  - Gas production and processing
  - How the system is operated
  - Pipelines, storage and hubs
  - Distribution systems and their components
- Gas Operations
  - Who is responsible for operations?
  - Principles of gas operations
  - System modeling
  - System maintenance
  - Functions of gas control
  - Nominations and scheduling
  - Curtailments, balancing and flow orders
  - Accounting
  - The evolving role of gas operations
- Gas Regulation and Deregulation
  - What regulation is and does
  - Why regulate the gas industry?
  - Who are the regulators?
  - Who regulates what?
  - The regulatory compact
  - Regulatory proceedings
- The regulatory process
- Traditional ratemaking
- Incentive regulation
- What is deregulation?
- The history of gas deregulation
- The impacts of deregulation
- Current status of customer supply choice
- Gas Markets
  - Upstream market participants
  - Midstream market participants
  - Downstream market participants
  - Market structures
  - How participants make money
  - Wholesale market transactions
  - Retail services
  - Supply and demand
  - Future supply sources
  - Price volatility
  - Gas market risks
  - Risk management
- The Future
  - The future of the upstream sector
  - The future of the midstream sector
  - The future of the downstream sector
  - The future of the workplace
  - The gas company of tomorrow

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