Electricity Cost Modeling Calculations

Description: A "quick look up guide," Electricity Cost Modeling Calculations places the relevant formulae and calculations at the reader's finger tips. In this book, theories are explained in a nutshell and then the calculation is presented and solved in an illustrated, step-by-step fashion. A valuable guide for new engineers, economists (or forecasters), regulators, and policy makers who want to further develop their knowledge of best practice calculations techniques or experienced practitioners (and even managers) who desire to acquire more useful tips, this book offers expert advice for using such cost models to determine optimally-sized distribution systems and optimally-structured power supplying entities. In other words, this book provides an Everything-that-you-want-to-know-about-cost-modelling-for-electric utilities (but were afraid to ask) approach to modelling the cost of supplying electricity. In addition, the author covers the concept of multiproduct and multistage cost functions, which are appropriate in modelling the cost of supplying electricity. The author has done all the heavy number-crunching, and provides the reader with real-world, practical examples of how to properly quantify the costs associated with providing electric service, thus increasing the accuracy of the results and support for the policy initiatives required to ensure the competitiveness of the power suppliers in this new world in which we are living.

The principles contained herein could be employed to assist in the determination of the cost-minimizing amount of output (i.e., electricity), which could then be used to determine whether a merger between two entities makes sense (i.e., would increase profitability). Other examples abound: public regulatory commissions also need help in determining whether mergers (or divestitures) are welfare-enhancing or not; ratemaking policies depend on costs and properly determining the costs of supplying electric (or gas, water, and local telephone) service. Policy makers, too, can benefit in terms of optimal market structure; after all, the premise of deregulation of the electric industry was predicated on the idea that generation could be deregulated. Unfortunately, the economies of vertical integration between the generation.

A comprehensive guide to the cost issues surrounding the generation, transmission, and distribution of electricity;

Real-world examples that are practical, meaningful, and easy to understand;

Policy implications and suggestions to aid in the formation of the optimal market structure going forward (thus increasing efficiency of electric power suppliers)

The principles contained herein could be employed to assist in the determination of the cost-minimizing amount of output

Contents:

Introduction

The Theory of Natural Monopoly

The U.S. Electric Markets, Structure, and Regulations

The Economics (and Econometrics) of Cost Modeling

Case Study: Breaking up Bells

Cost Models

Case Study: Can Rural Electric Cooperatives Survive in a Restructured U.S. Electric Market? An Empirical Analysis

A Test of Vertical Economies for Non-Vertically Integrated Firms: The Case of Rural Electric Cooperatives

Load Forecasting

The "Demand" for Electricity
Efficient Pricing of Electricity

Case Study: The California Debacle (or What Not to Do)

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/1760052/](http://www.researchandmarkets.com/reports/1760052/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Electricity Cost Modeling Calculations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/1760052/">http://www.researchandmarkets.com/reports/1760052/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SC6IK9T5</td>
</tr>
</tbody>
</table>

Product Format
Please select the product format and quantity you require:

| Quantity          | Hard Copy (Hard Back): USD 116 + USD 29 Shipping/Handling |

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World