# PPG#7 COST ENGINEERING IN THE UTILITY INDUSTRIES, 2ND EDITION

## Table of Contents

### Introduction to the Second Edition

### Introduction to the First Edition

### Chapter 01: Project Management

#### Volume 1

#### Volume 2

### Chapter 02: Investment and Financial Analysis

#### Volume 1
2. Calculating Utility Prudence Issue Costs, Kris R. Nielsen, AACE Transactions, 1985
4. Rationalising an Unprofitable Gas Utility, Edward O. Naughton, AACE Transactions, 1987
7. “Here Come the Auditors”, Deborah Flannagan, AACE Transactions, 1988
8. Unit Process Cost Allocations for Rate Studies, Kees W. Coorsmit, AACE Transactions, 1988
12. Project Economic Evaluation Model (PEEM), Dennis H. Lougeay, PE; David R. Krumholz, AACE Transactions, 1993

Volume 2
20. Evaluating the Costs of Trenchless Sewer Repairs, Iqbal Noor, AACE Transactions, 2000
22. Decision Support System for Pipeline Route Selection, Prasanta Kumar Dey; Soumitra S. Gupta, Cost Engineering Journal, 1999
23. Simulation-Based Pipeline Route Selection Tool, Cary Hirst; Janaka Y. Ruwanpura, Cost Engineering Journal, 2006
24. Controlling Non-Construction Costs, Peter R. Bredehoeft, Jr., AACE Transactions, 2005

Chapter 03: Planning and Scheduling

Volume 1
2. Fossil and Nuclear Outage Planning -- A Critique, Ronald P. Vigue; Frank J. Ponzi, AACE Transactions, 1986
3. Keeping the Pace at River Bend, Kenneth J. Aupperle; John W. Paveglio, AACE Transactions, 1986
5. Utility Rate Case - Schedule Analysis, Anthony J. Werderitsch, PE CCE; Clive D. Francis, CCE, AACE Transactions, 1987
6. The 5-Year Living Schedule, Ralph L. Cochran; Patricia D. Galloway, AACE Transactions, 1987
18. **Benefits of Linear Scheduling**, Gary Rock Spencer, PE; Rose Mary Lewis, *AACE Transactions*, 2005

**Chapter 04: Cost and Schedule Control**

**Volume 1**


**Volume 2**
12. Improving Cost Control for Skeptical Managers, Morris E. Fleishman, PE CCE, AACE Transactions, 2004
13. SCCS - The Next Step Ahead, Gudmund Vigerust, CCC, AACE Transactions, 1998
19. Effective Use of Gantt Chart for Managing Large Scale Projects, Pankaja Pradeep Kumar, CCE, Cost Engineering Journal, 2005
22. Project Historical Databases for the Canadian Oilsands, Bruce G. Elliott, CCC, AACE Transactions, 2005

Chapter 05: Cost Estimating

Volume 1
5. Integrated Estimating Technique, Arun Chakravartty, PE, AACE Transactions, 1992
10. Costs of Electricity From Pressurized Fluidized-Bed Combustion Power Plants: A Literature Review, Dr. Jack A. Fuller; Dr. Frederick C. Scherr, Cost Engineering Journal, 1997
12. Nuclear Fuel Cycle Cost Estimate Model, Kee-Hwan Moon; Dr. Ki-Dong Song; Dr. Man-Ki Lee; Seung-Su Kim; Dr. Kyu-Nam Chae, AACE Transactions, 1998

Volume 2
15. To Skid or Not to Skid?, Robert T. Bryden, AACE Transactions, 2000
18. What's in ISBL, OSBL, and The Factors?, Christopher L. Kinney; Rafaele Gauche, AACE Transactions, 2006
20. Estimating for EPA Drinking Water Regulations, Kin K. Chao; Faysal Bekdash; Rajiv Khera, AACE Transactions, 2000

Chapter 06: Risk Assessment

Volume 1
1. Escalation Modeling, Forecasting and Tracking, James J. Stevenson, Jr., CCE, AACE Transactions, 1984
2. Definitive Cost Modeling, Ken O. Adkisson, CCE, AACE Transactions, 1984
5. Power Plant Economy of Scale – Revisited, James J. Stevenson Jr., CCE; Paul H. Walker, CCE, AACE Transactions, 1987
7. Joint Participation in Large Power Projects, James J. Stevenson, Jr., CCE; Philip Saunders, AACE Transactions, 1988

Volume 2
11. Guidelines for Successful Risk Facilitating and Analysis, Dr. Iqbal Noor, PE CCE; Thomas J. Rye, AACE Transactions, 1999
15. Challenges of Implementing Risk Management Processes, Iqbal (Bob) Noor, PE CCE; Terry Joyner; Robert J. Martin Jr., AACE Transactions, 2002
19. Multi-Attribute Utility Model for Quantifying Schedule and Cost Overruns in Pipe-line Projects, Ahmed Eldieb; Mohamed Marzouk; Moheeb Elsaid, AACE Transactions, 2005
20. Significance of WBS in Contingency Modeling, John Gengxin Zhao, AACE Transactions, 2006
Chapter 07: Case Studies

Volume 1

Volume 2
Author Index

Chronological Index

About the Editor