

Meeting the Challenges of the Nation's Growing Natural Gas Demand

Outline of Report Volumes I, II, & III

Volume I: Summary

FOREWORD

Key Differences from 1992
Approach to the 1999 Study

CONCLUSIONS

Critical Factors
Sensitivity Analyses

RECOMMENDATIONS

SUMMARY OF KEY FINDINGS

Findings of the Demand Task Group
Findings of the Supply Task Group
Findings of the Transmission &
Distribution Task Group

APPENDICES

Appendix A: Request Letters and
Description of the NPC
Appendix B: Study Group Rosters

ACRONYMS AND ABBREVIATIONS

GLOSSARY

Volume II: Task Group Reports

Foreword

DEMAND TASK GROUP REPORT

Table of Contents
Overview
Chapter One: The Reference Case—
A Bottom Up Analysis
Chapter Two: Gas Demand Projected
by Current Study
Chapter Three: Sensitivity Analyses

SUPPLY TASK GROUP REPORT

Table of Contents
Summary and Key Findings of the
Supply Task Group

Overview of Methodology for
Supply Analyses

Chapter One: Sufficient Resources Exist to
Meet Growing Demand Well into the
Twenty-First Century

Chapter Two: Restricted Access Limits the
Availability of Natural Gas Supply

Chapter Three: A Healthy Oil and Gas
Industry is Critical for Natural Gas
Supply to Satisfy Expected Increases
in Demand

Chapter Four: Investment in Research
and Development will be Needed to
Maintain the Pace of Advancements
in Technology

Chapter Five: Sensitivity Analyses

Chapter Six: Major Resource Area
Discussions

Chapter Seven: Determination of Model
Inputs

TRANSMISSION & DISTRIBUTION TASK GROUP REPORT

Table of Contents

Summary of Key Findings of the
Transmission & Distribution Task Group
General Methodology Overview
Background

Chapter One: Significant Expansion and
Enhancements to the Delivery System are
Required to Serve the Growing Demand

Chapter Two: Access: Rights-of-Way
and Permitting

Chapter Three: The Need for New
Services to Serve Electricity Generation
Loads

Chapter Four: Uncertainty, Risk, and
Attracting Capital for New Infrastructure

APPENDICES

- Appendix A: Request Letters and Description of the NPC
- Appendix B: Study Group Rosters

ACRONYMS AND ABBREVIATIONS

GLOSSARY

INDEX

Volume III: Appendices

GENERAL

- Appendix C: NPC Summary Results – EEA Modeling Output
 - Part 1: Demand and Supply Results, NPC Reference and Sensitivity Cases
 - Part 2: Supply Results, NPC Reference Case
 - Part 3: Rig-Related Results, NPC Reference Case
 - Part 4: T&D Results, Output of Model
 - Part 5: Flow Maps
- Appendix D: Comparison of 1999 NPC Results to Other Estimates
- Appendix E: Retrospective on NPC 1992 Study Results
- Appendix F: Historical Overview of Natural Gas Industry

DEMAND TASK GROUP

- Appendix G: Productivity Improvements – Remarks of Alan Greenspan
- Appendix H: Electric Utility Issues Affecting Gas Demand for Electricity Generation

SUPPLY TASK GROUP

- Appendix I: Sustainability of North American Natural Gas Supply
- Appendix J: Access to Natural Gas Resources
 - Part 1: The Impact of Federal and Indian Lands Access Restrictions on Natural Gas Resources
 - Part 2: Accessibility to the Gas Supply on Bureau of Land Management and Forest Service Lands in Eastern Utah and Western Wyoming

- Appendix K: Old Field Reserve Appreciation
- Appendix L: Collaboration in the Technology Sector

TRANSMISSION & DISTRIBUTION TASK GROUP

- Appendix M: Natural Gas Storage

CD-ROM

- Root Directory (PC and Mac)
 - Introduction, Description of Contents, and System Requirements for Use of CD (Text and PDF)
 - Installation program for Adobe® Acrobat® PDF Reader (PC and Mac)
- Report and Presentation (PC and Mac)
 - Volume I: Summary Report (PDF)
 - Slide Presentation on Report (PDF)
 - Presentation Transcript (PDF)
- NPC Reference and Sensitivity Case Data – National and Regional – Prepared by Energy and Environmental Analysis, Inc. (PC and Mac)
 - Introduction and Documentation for Data Files and Pipeline Maps (PDF)
 - Summary Data (Excel 97)
 - Demand Data (Excel 97)
 - Supply Data (Excel 97)
 - Transmission & Distribution Data and Maps (Excel 97 and PDF)
- Land Access Restriction Maps Prepared by Advanced Resources International, Inc. (PC Only)
 - Introduction and Documentation for Resource Access Maps (Text)
 - Installation Program for Display of Access Map and Data SHAPE Files (MapObjects LT application)
 - Rocky Mountain Resource Access Mapping Files (SHAPE files that may be viewed and printed using self-executable MapObjects LT application or manipulated using a GIS package such as ArcView, ArcExplorer, or MapInfo)