

III. Cross-Index to Issues Raised by Major Energy Proposals

Cross-Index to Issues Raised by Major Energy Proposals

The National Energy Plan makes more than 100 specific proposals for changing laws or regulations to achieve its objectives. Some of the proposals are more controversial or will influence supply, demand, and society more than others. This section presents cross-indexes of analyses of issues in eight general areas:

1. Coal Utilization;
2. Domestic Crude Oil Tax and Regulations;
3. Natural Gas Pricing and Regulation;
4. Nuclear Development;
5. Oil and Gas Consumption Taxes;
6. Utility Regulation;
7. Buildings Conservation; and
8. Transportation.

The cross-index does not imply an effort to rank proposals according to importance, although clearly the Plan's treatment of crude oil and natural gas prices will have a broader impact on energy supply and demand than appliance standards or vanpools. It is intended only as a guide to detailed discussion of issues raised by the Plan's proposals in these eight general areas.

1. Coal Utilization

Supply Impacts

- Issue #5: Meeting Coal Utilization Goals, p. 46.
- Issue #6: Accelerated Eastern Production, p. 48.
- Issue #7: Coal Mining Research and Development, p. 49.
- Issue #8: Coal-based Synthetic Gas, p. 50.

Demand Impacts

- Issue #1: Expected Energy Use to 1985, p. 81.
- Issue #2: Replacement Cost Pricing, p. 84.
- Issue #20: The Research and Development Role of the Electric Utilities, p. 126.
- Issue #21: Cogeneration by Industry, p. 127.
- Issue #22: Industrial Conversion From Oil and Gas, p. 131.

Societal Impacts

- Issue #3: Air Quality Impacts of Increased Combustion of Coal, p. 157.
- Issue #4: Other Environmental Impacts of Coal Utilization, p. 160.
- Issue #14: Regional Impacts, p. 182.

Cross-Index to Issues Raised by Major Energy Proposals

2. Domestic Crude Oil Tax and Regulations

Supply Impacts

- Issue #1: Oil and Natural Gas Production Outlook, p. 35.
- Issue #2: Oil and Natural Gas Price Policies, p.39.
- Appendix II: p. 216.

Demand Impacts

- Issue #2: Replacement Cost Pricing, p. 84.
- Issue #13: Crude Oil Equalization Tax and Heating Oil Use, p. 109.
- Issue #17: The Impact of the Plan's Tax Proposals on Electric Utilities, p. 119.
- Issue #24: Oil and Natural Gas Price and User Tax Provisions, p. 136.
- Issue #25: The Effect of the Oil and Gas Use Tax on Petrochemical Feedstocks, p. 140.

Societal Impacts

- Issue #1: Macroeconomic Impacts, p. 150.
- Issue #2: Distributional Impacts, p. 153.

3. Natural Gas Pricing and Regulation

Supply Impacts

- Issue #1: Oil and Natural Gas Production Outlook, p. 35.
- Issue #2: Oil and Natural Gas Price Policies, p. 39.
- Issue #3: Policies Governing Liquefied Natural Gas Imports, p. 42.
- Appendix II: p. 216.

Demand Impacts

- Issue #2: Replacement Cost Pricing, p. 84.
- Issue #15: Conversion of Electric Utilities From Natural Gas, p. 113.
- Issue #16: Electric and Natural Gas Utility Rate Reform, p. 115.
- Issue #17: The Impact of the Plan's Tax Proposals on Electric Utilities, p. 119.
- Issue #18: Impacts of the Plan on the Gas Utility Industry, p. 121.

Societal Impacts

- Issue #1: Macroeconomic Impacts, p. 150.
- Issue #2: Distributional Impacts, p. 153.

4. Nuclear Development

Supply Impacts

- Issue #9: Constraints on Expansion of Nuclear Power, p. 53.
Issue #10: Public Acceptance of Nuclear Expansion, p. 57.
Issue #11 : Administration Breeder Reactor Proposals, p. 59.

Societal Impacts

- Issue #6: Environmental and Social Impacts of Nuclear Proposals, p. 165.

5. Oil and Gas Consumption Taxes

Demand Impacts

- Issue #1 : Expected Energy Use to 1985, p. 81,
Issue #3: The Automobile Excise and Standby Gasoline Taxes, p. 88.
Issue #17: The Impact of the Plan's Tax Proposals on Electric Utilities, p. 119.
Issue #24: Oil and Natural Gas Price and User Tax Provisions, p. 136.
Issue #25: The Effect of the Oil and Gas Use Tax on Petrochemical Feedstocks, p. 140.

Societal Impacts

- Issue #2: Distributional Impacts, p. 153.

Cross-Index to Issues Raised by Major Energy Proposals

6. Utility Regulation

Demand Impacts

- Issue #2: Replacement Cost Pricing, p. 84.
- Issue #15: Conversion of Electric Utilities from Natural Gas, p. 113.
- Issue #16: Electric and Natural Gas Utility Rate Reform, p. 115.
- Issue #17: The Impact of the Plan's Tax Proposals on Electric Utilities, p. 119.
- Issue #18: Impacts of the Plan on the Gas Utility industry, p. 121.
- Issue #19: Electric and Natural Gas Utility Conservation Programs, p. 123.

Societal Impacts

- Issue #11 : The Impact of Utility Rate Reform on Federal-State Relations, p. 177.

7. Buildings Conservation

Demand Impacts

- Issue #1: Expected Energy Use to 1985, p. 81.
- Issue #8: Scope of Buildings Conservation Program, p. 100.
- Issue #9: Materials Availability for Buildings Conservation, p. 103.
- Issue #10: Tax Credits for Energy Conservation in Buildings, p. 105.
- Issue #11: Mandatory Standards for Major Appliances, p. 106.
- Issue #12: Communication of Conservation Information, p. 108.
- Issue #13: Crude Oil Equalization Tax and Heating Oil Use, p. 109.
- Issue #14: The Role of Financial Institutions, p. 111.
- Issue #17: The Impact of the Plan's Tax Proposals on Electric Utilities, p. 119.
- Issue #19: Electric and Natural Gas Utility Conservation Programs, p. 123.

Societal Impacts

- Issue #2: Distributional Impacts, p. 153.

8. Transportation

Demand Impacts

- Issue #1: Expected Energy Use to 1985, p. 81.
- Issue #3: The Automobile Excise and Standby Gasoline Taxes, p. 88.
- Issue #4: The Impact of Truck Fuel Consumption on Meeting the Gasoline Consumption Goal, p. 92.
- Issue #5: State, County and Local Government Transportation Fuel Conservation, p. 94.
- Issue #6: The Role of Mass Transit in Transportation Energy Conservation, p. 95.
- Issue #7: Transportation Regulation and Energy Conservation, p. 99.

Societal Impacts

- Issue #2: Distributional Impacts, p. 153.
- Issue #4: Other Environmental Impacts of Coal Utilization, p. 160.
- Issue #9: Health Effects of Diesel-Powered Automobiles, p. 172.
- Issue #20: Impact of a Petroleum-Scarce Future on the Automobile Industry, p. 196.
- Issue #21 : Land-Use Patterns, p. 197.