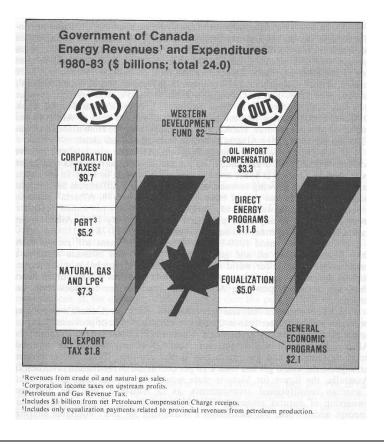
THE NATIONAL ENERGY PROGRAM OF 1980

The current multifaceted attacks on the Canadian petroleum industry have reminded many people of the National Energy Program - also brought into effect by a Liberal Government in Ottawa and also by a Trudeau. Attempts have been made to draw parallels between the two situations. I think that this is incorrect. Without coming across as a supporter of the N.E.P. given that it did cause havoc across Western Canada, I would say that both the contexts and the broad strokes of the policies were and are quite different.

At the time that the N.E.P. was announced in October 1980, the petroleum industry was seen by all as a central component of the Canadian economy and a sector that it was worth fighting over. The Trudeau Liberals wanted to gain more control over both the financial side of the industry and its long term strategic direction. They conceived and launched a coordinated set of energy-related programs that involved every part of the economy from petroleum exploration through to home heating – and even international collaboration and assistance.

In contrast, the present Liberal Government seems to be using every trick in the book to destroy the industry through carbon taxes, fuel standards, and regulatory complications along with downright badmouthing. The government is being ideologically-driven to oppose just about everything that the industry needs to be successful – despite this mainstay being a potential engine for recovery from the pandemic. Talk about shooting yourself – in both feet.

One aspect of a comparison is how program-related funds flowing into the Federal Government compare to the use of those funds. The following diagram shows what the Liberals had in mind in 1980. They seem to have planned to obtain and use roughly the same amounts for energy.



The following is the rationalization for the N.E.P., as provided by Energy, Mines and Resources Minister Marc Lalonde, in the preamble to the 115 page 1980 N.E.P. program document

AN ENERGY PROGRAM FOR THE PEOPLE OF CANADA

This is a set of national decisions by the Government of Canada.

The decisions relate to energy. They will impinge, however, on almost every sphere of Canadian activity, on the fortunes of every Canadian, and on the economic and social structure of the nation for years to come. They have major, positive implications for the federation itself.

The Government of Canada is acting from what it perceives to be a position of national strength in energy, not weakness. We in Canada already produce more energy than we consume. We are less vulnerable than most other nations to the caprice of an international oil cartel, and we are better able than most to break that bond. Our energy options are wide enough to preclude any sudden rush to energy choices that may compromise our social and environmental goals. If we can restrain our demands through strong conservation efforts and this we can do—we can keep these options open.

We have, moreover, a record of achievement. We are second to none and in many respects we lead the world—in the techniques and the organization required for the exploration and development of primary energy resources. We in fact have a contribution to make to the world, especially the Third World, and we intend to make that contribution.

Matched against this present and potential strength, our energy problems are relatively small on the international scale.

Yet there are problems. The world oil situation threatens the economic growth and stability of the world, and Canada is profoundly affected. In such circumstances our strategy must be to use our domestic energy strength to both shield and stimulate our own economy.

Within the political structure of our own Confederation, our internal energy problems could be allowed through excessively prolonged debate to become divisive, disruptive and a cause of increased uncertainty at the very time when there is urgent need for decision, management, and unity.

We must not let our energy strength become a source of internal weakness. Most Canadians are aware of the strains created within the federation by domestic energy pricing and revenue-sharing issues. At the heart of these issues is fairness—how the benefits and burdens of the new energy situation are shared among Canadians.

Within the space of a year two national governments have attempted, in concert with the provinces, to reach agreement on oil and gas prices as part of a national scheme for the management of our energy future and the equitable distribution of benefits. On all sides the positions have been reasonable; yet consensus has not been possible. The Governments of the Provinces, by word and action, recognize the need for decision. They share a determination to foster in all Canadians an early and vigorous response to the energy challenge. For the most part, they endorse the view that what is needed now is effective management of a manageable national energy situation; that decisive moves are mandatory.

Accepting its national responsibility in the energy area, the Government of Canada has therefore decided that it must act now, and that it must act in a manner that fully recognizes the special circumstances surrounding energy.

Such considerations have dictated the three precepts of federal action:

It must establish the basis for Canadians to seize control of their own energy future through *security* of supply and ultimate independence from the world oil market.

• It must offer to Canadians, all Canadians, the real opportunity to participate in the energy industry in general and the petroleum industry in particular, and to share in the benefits of industry expansion.

• It must establish a petroleum pricing and revenue-sharing regime that recognizes the requirement of *fairness* to all Canadians no matter where they live.

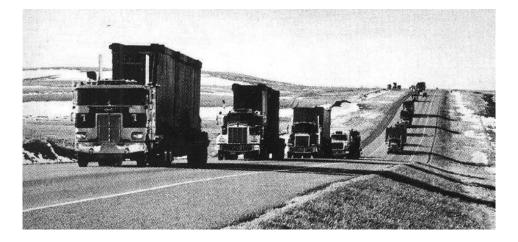
The Government intends to achieve these objectives through the National Energy Program outlined in this document. It believes this Program to be eminently in the national interest.

ollle our domestic energy strength to both

MARC LALONDE Minister Energy, Mines and Resources Canada

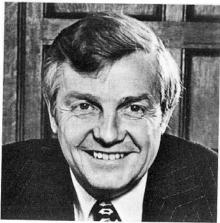
The Government of Canada will obtain an estimated \$24 billion over the four years 1980-83 from crude oil and gas tax revenues. The National Energy Program involves direct energy expenditures of \$11.6 billion over the same period. Over this period, the Western Development Fund will cost a further \$2.0 billion. In addition, the Government will pay about \$3.3 billion in subsidizing those costs of imported oil which are not covered by the Petroleum Compensation Charge. As part of the equalization program, the Government of Canada will pay out \$5 billion to the provincial governments to help equalize resource revenues. More than \$21.9 billion, or over 90 per cent of the revenues, will be spent on initiatives arising out of the National Energy Program. The remaining \$2.1 billion will be used to support the government's general economic program.





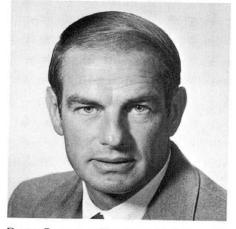
Drilling rigs headed for the United States - late 1980

GOV'T OF ALBERTA



Premier Peter Lougheed of Alberta. Wanted a better deal for gas and oil exported from Alberta.

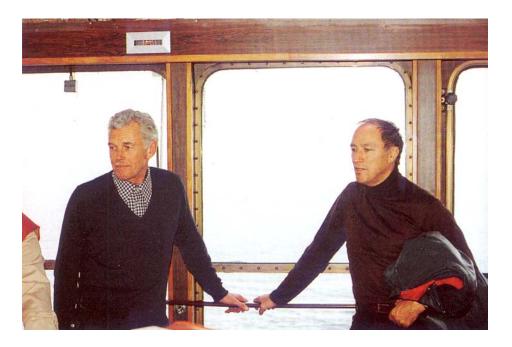
GOV'T OF ALBERTA



Don Getty, Alberta Minister of Energy and Natural Resources. "We do have, to some degree, the economic clout: the oil and gas."

CONTENTS

	Page
AN ENERGY PROGRAM FOR THE PEOPLE OF CANADA	
201 This is a set of national decision by the Covernment Virtugal Va	
THE DRODI EMS	
THE PROBLEMS	3
The International Context	3
Towards Canadian Energy Independence	7
Energy Benefits and Burdens	10
Canadian Ownership	16
Security, Opportunity, and Fairness	22
net loss to the coorte of an international of cortel, and we are better able	
THE PROGRAM	23
Pricing	23
The Oil Price	24
The Natural Gas Price	31
Energy Taxes	
New Taxes on Oil and Gas	35
Sharing the Oil Export Charge Revenues	
Petroleum and Gas Revenue Tax	37
The Incentive System for Oil and Gas	
Earned Depletion Allowance	38
Petroleum Incentives Program	
Heavy Crude Oil Processing Plants	
Natural Gas Bank	41
Canada Lands	42
New Legislation	
For a Truly Canadian Industry	
Helping the Developing Countries	53
Direct Action Programs	
Substitution Away from Oil	
Improving the Efficiency of Crude Oil Use	
A Greater Role for Renewable Energy	
A More Vigorous Conservation Effort	
Research and Development	74
Regional Initiatives	
Western Canada	
Atlantic Canada	
Strengthening Our Oil Supply Resilience	
Projected Costs of the National Energy Program	89
	Page
THE IMPACT	93
Energy Security	93
o Oil Supply	93
Oil Demand	99
Energy Opportunity	102
Energy Fairness	105
The Consumer	106
The Producing Provinces	108
The Government of Alberta	110
The Government of Canada	111
Conclusion	113



President of Dome Petroleum, Smilin' Jack Gallagher (left) and Canadian Prime Minister Pierre Elliott Trudeau (right) on a tour of inspection in the Beaufort Sea. They are almost holding hands which in many was symbolic of the relationship between the Federal Government and the large companies operating in Canada's Frontier regions who were funded to a large degree with N.E.P.-based monies.



Drillship of the Dome Petroleum-affiliated Canmar fleet in the "ice-infested" waters of the Beaufort Sea. Canmar, together with Gulf Canada-affiliated Beaudril, operated large fleets of drilling and support vessels as they mounted multi-year evaluation campaigns that can only be considered military-scale in their size and extent. Photo from "*Breaking Ice with Finesse*" from the Arctic Institute of North America, University of Calgary,

The following is Lalonde's preamble to the 94 page 1982 N.E.P. update:

FOREWORD

On October 28, 1980, the Government of Canada announced a set of national decisions about energy. We acted from what we perceived to be a position of national strength—not weakness—in energy.

We knew that with a concerted effort by all Canadians, it was possible to achieve energy security—independence from the world oil market—in this decade.

We knew that Canadians wanted and deserved to own and control more of their oil and gas industry.

We knew there had to be fairness: between governments and to consumers.

We also knew that none of these things was likely to happen unless the Government of Canada took decisive action.

The National Energy Program has been a central topic of debate. Much of the debate has been helpful. More than ever, Canadians are aware that they are part of the solution to a solvable energy problem. More than ever, Canadians recognize how they can grasp the opportunities afforded by Canada's energy strengths. More than ever, Canadians appreciate the balances that must be struck in sharing the burdens and benefits of our energy situation—between producers and consumers, and between regions of the country.

The National Energy Program is not a single document, nor a static set of policies. The National Energy Program is a dynamic and comprehensive set of evolving responses to a changing world—whether through compromise with provinces, or through necessary mid-course corrections in specific initiatives or the fiscal burden. The National Energy Program has changed, and will continue to do so, as circumstances change and new opportunities emerge. The fundamental strength of the Program is this adaptability around a nationally agreed and unchanging set of objectives:

- Security of oil supply,
- Opportunity for Canadians to participate in their oil and gas industry, and
- Fairness in the distribution of energy benefits and burdens.

The Government of Canada is pleased with progress made to date. Canadians as taxpayers, producers and consumers, should be aware of this progress. This *Update* reports in detail on progress towards our three objectives. At the same time, some new measures are indicated to respond to new needs and circumstances. These are outlined in this *Update*.

The Government of Canada believes even more than it did on October 28, 1980, that its energy objectives are achievable in this decade. I believe that those who read this *Update* will agree with our assessment of the future.

Illace la londe

MARC LALONDE Minister, Energy, Mines and Resources Canada.

This is the Table of Contents (2 pages) of the 1982 N.E.P. Update

CONTENTS

L	n	a	0
1	u	x	c

Chapter 2. RECENT EVENTS IN THE ENERGY SECTOR. 7 Agreements with the provinces. 7 The world oil outlook and its implications. 9 Domestic supply-demand developments to date. 12 Oil demand. 14 Oil supplydemand balances. 18 Chapter 3. PROGRAM UPDATE. 19 Substitution away from oil. 20 Canada Oil Substitution Program (COSP) 22 Federal building conversions 22 Gas pipeline and distribution expansion 24 Propane 24 Conservation initiatives 25 Canadarin Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North. 35 Conservation, conversion and renewable energy efforts 36 Energy price protection	Chapter 1.	INTRODUCTION	1
Agreements with the provinces. 7 The world oil outlook and its implications. 9 Domestic supply-demand developments to date 12 Oil demand. 14 Oil supply-demand balances. 18 Chapter 3. PROGRAM UPDATE. 19 Substitution away from oil. 20 Canada Oil Substitution Program (COSP) 22 Federal building conversions 22 Gas pipeline and distribution expansion 22 Electricity. 24 Alternatives to gasoline 24 Propane. 25 Conservation initiatives. 25 Conservation in the federal government. 277 Conservation in new housing. 277 Industrial and commercial sectors 28 Transportation sector 29 Municipalities. 29 Research and development 30 Renewable energy. 32 Atlantic Canada 31 The North. 35 Conservation, conversion and renewable energy efforts. 36 Berery price protection 37 Responsible nor	Chapter 2	RECENT EVENTS IN THE ENERGY SECTOR	7
The world oil outlook and its implications. 9 Domestic supply-demand developments to date 12 Oil demand. 14 Oil supply.demand balances 18 Chapter 3. PROGRAM UPDATE 19 Substitution away from oil 20 Canada Oil Substitution Program (COSP) 22 Federal building conversions 22 Gas pipeline and distribution expansion 22 Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canservation in the federal government 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 38 Responsible northern resource development 38 Responsible nort	Chapter 2.		7
Domestic supply-demand developments to date 12 Oil demand		The world oil outlook and its implications	9
Oil demand 14 Oil supply 16 Oil supply-demand balances 18 Chapter 3. PROGRAM UPDATE 19 Substitution away from oil. 20 Canada Oil Substitution Program (COSP) 22 Federal building conversions 22 Gas pipeline and distribution expansion 22 Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts. 36 Energy price protection 38 Retoreada Landra Landra Landra Landra Landra 39 Reserves and potential resources. 41 New management regime for Canada Lands.		Domestic supply-demand developments to date	12
Oil supply		Oil demand	14
Oil supply-demand balances 18 Chapter 3. PROGRAM UPDATE 19 Substitution away from oil 20 Canada Oil Substitution Program (COSP) 22 Federal building conversions 22 Gas pipeline and distribution expansion 22 Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Industrial and commercial sectors 28 Transportation sector 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts. 36 Benergy price protection 38 Research and costs of energy programs. 39 The Northn 35 Conservation, conversion and renewable energy efforts. 36 Petro-Canada International Assistance Corporation 38			16
Substitution away from oil. 20 Canada Oil Substitution Program (COSP) 22 Federal building conversions 22 Gas pipeline and distribution expansion 22 Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Benergy price protection 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canada - Nova Scotia Agreement 43 Newfoundland			18
Substitution away from oil. 20 Canada Oil Substitution Program (COSP) 22 Federal building conversions 22 Gas pipeline and distribution expansion 22 Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Benergy price protection 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canada - Nova Scotia Agreement 43 Newfoundland	Observer 2	DDOCDAMUDDATE	19
Canada Oil Substitution Program (COSP) 22 Federal building conversions 22 Gas pipeline and distribution expansion 22 Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 38 Northern participation 38 Petro-Canada International Assistance Corporation 38 Recap: Status and costs of energy programs 39 The Canada Lands 42 Canada - Nova Scotia Agreement 43 New management regime for Canada Lands. 42 Canada - Nova Scotia	Chapter 3.		
Federal building conversions 22 Gas pipeline and distribution expansion 22 Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canada - Nova Scoti		Canada Oil Substitution Program (COSP)	
Gas pipeline and distribution expansion 22 Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 37 Responsible northern resource development 38 Northern participation 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canada - Nova Scotia Agreement 43 Newfoundland		Ederal building conversions	
Electricity 24 Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 37 Responsible northern resource development 38 Northern participation 38 Petro-Canada International Assistance Corporation 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canadianization of the oil and gas industry 45 B		Gas pipeline and distribution expansion	
Alternatives to gasoline 24 Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 37 Responsible northern resource development 38 Northern participation 38 Petro-Canada International Assistance Corporation 38 Recap: Status and costs of energy programs 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canada - Nova Scotia Agreement 43 Newfoundland 45 British Columbia 45 Canadianizati			
Propane 24 Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts. 36 Energy price protection 37 Responsible northern resource development 38 Northern participation 38 Petro-Canada International Assistance Corporation 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canada - Nova Scotia Agreement 43 Newfoundland 45 British Columbia 45 Canadianization of t		Alternatives to gasoline	
Compressed natural gas (CNG) 25 Conservation initiatives 25 Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 37 Responsible northern resource development 38 Northern participation 38 Petro-Canada International Assistance Corporation 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canadianization of the oil and gas industry 45 British Columbia 45 British Columbia 45 Canadianization of the oil and gas industry 49 <td></td> <td></td> <td></td>			
Conservation initiatives25Canadian Home Insulation Program (CHIP)26Conservation in the federal government27Conservation in new housing27Industrial and commercial sectors28Transportation sector29Municipalities29Research and development30Renewable energy32Atlantic Canada34The North35Conservation, conversion and renewable energy effortsGenergy price protection37Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51		Compressed natural gas (CNG)	
Canadian Home Insulation Program (CHIP) 26 Conservation in the federal government 27 Conservation in new housing 27 Industrial and commercial sectors 28 Transportation sector 29 Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 37 Responsible northern resource development 38 Northern participation 38 Petro-Canada International Assistance Corporation 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canada - Nova Scotia Agreement 43 Newfoundland 45 British Columbia 45 British Columbia 45 Oil imports 51		Compressed natural gas (CINO)	
Conservation in the federal government27Conservation in new housing27Industrial and commercial sectors28Transportation sector29Municipalities29Research and development30Renewable energy32Atlantic Canada34The North35Conservation, conversion and renewable energy effortsGenergy price protection37Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry.45The downstream oil industry49Refinery rationalization and investment50Oil imports51		Conservation initiatives	
Conservation in new housing27Industrial and commercial sectors28Transportation sector29Municipalities29Research and development30Renewable energy32Atlantic Canada34The North35Conservation, conversion and renewable energy effortsGenergy price protection37Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry49Refinery rationalization and investment50Oil imports51		Canadian Home Insulation Program (CHIP)	
Industrial and commercial sectors28Transportation sector29Municipalities29Research and development30Renewable energy32Atlantic Canada34The North35Conservation, conversion and renewable energy effortsGenewable northern resource developmentResponsible northern resource developmentResponsible northern resource developmentResponsible northern resource developmentRecap: Status and costs of energy programsThe Canada LandsReserves and potential resourcesReserves and potential resourcesMunicipalitienReserves and potential resourcesReserves and potential resourcesReserves and potential resourcesReserves and potential resourcesReserves and potential resourcesReservesRese			
Transportation sector29Municipalities29Research and development30Renewable energy32Atlantic Canada34The North35Conservation, conversion and renewable energy efforts36Energy price protection37Responsible northern resource development38Northern participation39Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51Oil imports		Conservation in new housing	
Municipalities 29 Research and development 30 Renewable energy 32 Atlantic Canada 34 The North 35 Conservation, conversion and renewable energy efforts 36 Energy price protection 37 Responsible northern resource development 38 Northern participation 38 Petro-Canada International Assistance Corporation 38 Recap: Status and costs of energy programs 39 The Canada Lands 39 Reserves and potential resources 41 New management regime for Canada Lands 42 Canada - Nova Scotia Agreement 43 Newfoundland 45 British Columbia 45 Canadianization of the oil and gas industry 49 Refinery rationalization and investment 50 Oil imports 51			
Research and development30Renewable energy32Atlantic Canada34The North35Conservation, conversion and renewable energy efforts36Energy price protection37Responsible northern resource development38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51			
Renewable energy32Atlantic Canada34The North35Conservation, conversion and renewable energy efforts36Energy price protection37Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51			
Atlantic Canada34The North35Conservation, conversion and renewable energy efforts36Energy price protection37Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51			
The North35Conservation, conversion and renewable energy efforts36Energy price protection37Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51			
Conservation, conversion and renewable energy efforts.36Energy price protection37Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51			
Energy price protection37Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry49Refinery rationalization and investment50Oil imports51		The North	
Responsible northern resource development38Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51			
Northern participation38Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry49Refinery rationalization and investment50Oil imports51			
Petro-Canada International Assistance Corporation38Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51			
Recap: Status and costs of energy programs39The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51		Northern participation	
The Canada Lands39Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51		Petro-Canada International Assistance Corporation	
Reserves and potential resources41New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51		Recap: Status and costs of energy programs	
New management regime for Canada Lands42Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51		The Canada Lands	
Canada - Nova Scotia Agreement43Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51		Reserves and potential resources	
Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51		New management regime for Canada Lands	
Newfoundland45British Columbia45Canadianization of the oil and gas industry45The downstream oil industry49Refinery rationalization and investment50Oil imports51		Canada - Nova Scotia Agreement	
Canadianization of the oil and gas industry			
The downstream oil industry 49 Refinery rationalization and investment 50 Oil imports 51		British Columbia	
The downstream oil industry 49 Refinery rationalization and investment 50 Oil imports 51		Canadianization of the oil and gas industry	
Refinery rationalization and investment			49
Oil imports 51		Refinery rationalization and investment	50
			51
			52

Chapter 4.	ISSUES REQUIRING ACTION	5
ompos	Natural gas	5
	The industrial gas market	5
	Gas in the Maritimes	5
	Other expansion of natural gas infrastructure	5
	Gas exports	6
	Exports of liquefied natural gas (LNG)	6
	The United States market for Canadian gas	6
	Shut-in gas	6
	Equitable export market access	(
	Electricity	(
	Shut-in-oil	(
	April 1st program	(
	Future shut-in expectations	(
	New measures to alleviate shut-in problem	(
	Import restrictions	•
	Modification to Oil Import Compensation Program	
	Oil purchase program	,
	Financial support for oil exchanges	
	Oil and gas fiscal measures	
	Measures to improve the industry's cashflow	
	Reduction in the rate of the Petroleum and Gas	
	Revenue Tax (PGRT)	
	Reduction of the Incremental Oil Revenue Tax	
	(IORT)	
	Special price for oil discovered after 1973	
	Special price for on discovered after 1975	
	Measures to improve the position of small producers	
	Small producers' PGRT exemption	
	Measures to improve the position of higher cost sources of	
	oil	
	New Oil Reference Price for existing tertiary	
	recovery projects	
	Earned depletion for tertiary recovery projects	
	New Oil Reference Price of experimental projects	
	New Oil Reference Price for suspended wells	
	Reduction in rate of PGRT for synthetic oil pro-	
	duction from oil sands plants	
	Impact of measures	
Chapter 5.	OUTLOOK	
Chapter 5.	Oil and gas revenues, and incentives to invest	
	Oil supply and demand	
	Canadianization	
	The consumer	
Chapter 6.	CONCLUSION	

There is one funny story about the PetroCanada International Assistance Corporation. In the late 1980's several ex-Shell Canada individuals were working for P.C.I.A.C. in East Africa. Part of this arrangement was educating government officials about the petroleum potential of their countries and how they should go about interacting with the multinationals. Apparently some Shell Group staff resented this as it undermined their competitive edge over the locals.