

Table 1. Projects supported by Export Development Canada (EDC)

Legend:

⊗ **Symbol indicates information EDC was asked to provide, but refused.**

A Blue font highlights projects which pose considerable environmental, economic or social risks.

Year	Country	Principal Counterparty (Borrower/ Investor/ Financier)	EDC Product	Project Description	Principal Exporter/ Investor	Amount Corporate Account	Amount Canada Account	Points of interest and known environmental problems	Sources Cited
1963	India	Indian Department of Atomic Energy	Financing	RAPP-1 CANDU Nuclear Reactor – services, material and equipment	Atomic Energy of Canada Ltd.	US\$37,000,000 from ECIC* *The Export Credit Insurance Corporation (ECIC), created in 1944, was replaced by the Export Development Corporation, a Crown corporation established in 1969 through the Export Development Act.		Canada’s first sale of a power reactor.	<i>Financing Disaster: How the G8 fund the Global Proliferation of Nuclear Technology</i> , June 2001, by David H. Martin, Sierra Club of Canada Nuclear Campaign. [Online]. Available: http://www.sierraclub.ca/national/nuclear/reactors/financing-disaster-g8.pdf .
1963/64	Pakistan	Pakistan Water & Power Development Authority	Financing	Tarbela Dam – hydro generators	Canadian General Electric	Cdn\$19,200,000		Irreparable damage to the Indus river basin. Fears of earthquakes and dam failure due to increased seismic activity in the area of the dam.	June 21, 1983, written correspondence from D.G. Carmichael, Communications Officer at EDC, to Probe International.
1965	Pakistan	Government of West Pakistan	Financing	KANUPP CANDU Nuclear Reactor	Canadian General Electric	Cdn\$24,678,100 from ECIC and Cdn\$23,362,900		“Canada ended nuclear cooperation with Pakistan on January 1, 1977, shortly after its December 1976	David H. Martin, op. cit.; November 7, 2001 e-mail correspondence from Yolanda Banks, Corporate Social

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						concessional financing from EAO* *The External Aid Organisation (EAO) was the predecessor of the Canadian International Development Agency (CIDA).		decision that nuclear trading partners with Canada must sign the Non Proliferation Treaty. Loan payments continued despite the end of nuclear cooperation between Canada and Pakistan,” from David H. Martin’s <i>Financing Disaster</i> .	Responsibility Advisor at EDC, to Probe International.
1966	India	Indian Department of Atomic Energy ⊘	Financing	RAPP-2 CANDU Nuclear Reactor – services and equipment	Atomic Energy of Canada Ltd.	US\$38,500,000 from ECIC		“In 1974 India exploded a nuclear bomb fuelled with plutonium made in the CIRUS reactor, and Canadian personnel stopped work on RAPP-2. Canada’s nuclear non-proliferation safeguards were subsequently strengthened, and after the failure of negotiations, Canada ended nuclear assistance to India, delaying commercial operation of RAPP-2 until 1981,” from David H. Martin’s <i>Financing Disaster</i> . Note: CIRUS funded by Canadian Government.	David H. Martin, op. cit.
1973	Indonesia	P.T. International Nickel Indonesia	Financing	Soroako Nickel Project/Hydro Dam – first stage of construction, equipment and services	Inco Ltd.	Cdn\$17,250,000 ⊘		Larona River Dam caused flooding of rice fields, coconut groves and local mosque, and disrupted migratory patterns of eels, an important protein source for local people.	<i>Modern Power and Engineering</i> , Toronto, 1978; <i>Hydro File</i> *; Probe International files. * Details on hydro dams throughout the list are filed in Probe International’s <i>Hydro File</i> , a collection of data and articles on approximately 800 hydro dams around the world.).

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1974	Argentina	Comision Nacional de Energia Atomica	Financing	Embalse CANDU Nuclear Reactor located near Cordoba	Atomic Energy of Canada Ltd.		Cdn\$124,050,000	Deal complicated by inflation and under-pricing. As well, defective boilers costing US\$15,000,000 were supplied by Babcock & Wilcox Canada. Embalse sale controversial as alleged bribes in the form of 'agent fees' were paid to secure the contract. Additional financing in 1979.	David H. Martin, op. cit.; EDC, (News Release), April 9, 1974.
1975 ⊘	Indonesia	P.T. International Nickel Indonesia	Financing	Soroako Nickel Project/Hydro Dam – second stage of construction, equipment and services	Inco Ltd.	Up to Cdn\$40,000,000		Inco Ltd. entered into many agreements with the Suharto regime.	<i>Review of the Export Development Act</i> , Presentation to the Standing Committee on Foreign Affairs and International Trade, November 16, 1999, by Joan Kuyek, National Co-ordinator, Mining Watch Canada. [Online]. Available: http://www.miningwatch.ca/publications/SCFAIT-EDC.html .
1975	South Korea	Korean Electric Power Company	Financing	Wolsong-1 CANDU Nuclear Reactor	Atomic Energy of Canada Ltd.	Cdn\$50,000,000	Cdn\$250,000,000	Bribery alleged. Additional financing in 1979.	David H. Martin, op. cit.; <i>Reckless Lending: How Canada's Export Development Corporation Puts People and the Environment at Risk</i> , March 2000, by the NGO Working Group on the EDC, part of the Halifax Initiative.
1977	Venezuela	CVG Electrificacion Del Caroni C.A.	Financing	Guri-II Dam – sale of 5 hydroelectric generator sets, exciters, installation and technical services	Canadian General Electric Ltd.	Cdn\$60,100,000		Thousands of people lost land. Sedimentation problem in reservoir due to cleared land used by settlers and gold mining companies. Parallel funding from CIDA.	D.G. Carmichael, op. cit.; EDC, "Loans to Five Countries," (News Release), December 28, 1977.
1978	Argentina	Celulosa Puerto Piray S.A.	Financing	Kraft pulp and industrial paper mill – equipment and services	SNC-Rust Ltd.	US\$34,000,000			EDC, <i>1978 Annual Report</i> . *Only selected projects from EDC <i>Annual Reports</i> and EDC <i>Statistical Reviews 1978-1982</i> are included in this

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									table. For a complete list, please refer to the original documents.
1978	Argentina	Alto Parana S.A.	Financing	Kraft pulp mill – equipment and services	Sandwell and Company Ltd.	US\$24,000,000			Ibid.
1978	Brazil	Centrais Eletricas do Sul do Brasil S.A.	Financing	Salto Santiago (Iquacu River) Hydroelectric Project – design, manufacture, installation of turbines	Dominion Engineering Works Ltd.	Cdn\$5,610,000 with Bank of Montreal		Loss of land and relocation of Guarani people due to illegal expropriation of their reservation lands has led to tensions and conflict.	Ibid.; EDC, (News Release), May 25, 1978.
1978	Brazil	Caraiba Metais S.A., Industria e Comercio	Financing	Copper ore mining shaft – equipment and services	Patrick Harrison & Company Ltd.	US\$3,100,000			EDC, <i>1978 Annual Report</i> .
1978	Czechoslovakia	Ceskoslovenska Obchodni Banka A.S.	Financing	Sulphate pulp mill – equipment and services	H.A. Simons Ltd.	US\$218,000,000			Ibid.
1978	Mexico	Petroleos Mexicanos	Line of credit		Various Exporters	US\$20,000,000			Ibid.
1978	Thailand	Electricity Generating Authority of Thailand	Financing	Electric power generating unit	Babcock & Wilcox Canada Ltd.	Cdn\$15,600,000			Ibid.
1978	Venezuela	C.A. Energia Electrica de Venezuela	Financing	Thermal power generating unit – goods and services	C.I. Power Services Ltd.	US\$10,200,000			Ibid.
1979	Argentina	Comision Nacional de Energia Atomica	Financing	Embalse CANDU Nuclear Power Station – additional financing to cover cost escalation	Atomic Energy of Canada Ltd.	Cdn\$70,000,000		Payment rescheduled under Paris Club (date unreleased).	EDC, <i>1979 Annual Report</i> ; September 14, 1990, written correspondence from Sylvain Leclerc, Press Relations Officer at EDC, to Probe International.

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				and additional material					
1979	Colombia	Instituto Colombiano de Energia Electrica	Financing	Two 15,000 KW turbines and related transmission line equipment and services	Westinghouse Canada Ltd.	Cdn\$9,900,000			Ibid.
1979	Czechoslovakia	Ceskoslovenska Obchodni Banka A.S.	Financing	Pulp mill and other projects – equipment and services	Various exporters	Cdn\$37,300,000			Ibid.
1979	Korea	The Government of the Republic of Korea	Financing	Wolsong-1 CANDU Nuclear Power Station – additional financing	Atomic Energy of Canada Ltd.	Cdn\$233,300,000			Ibid.
1979	New Zealand	The Government of New Zealand	Financing	Four 250 MW coal and gas fired generating units – equipment and services for construction	Combustion Engineering-Superheater Ltd.	Cdn\$23,300,000			Ibid.
1979	Peru	Empresa Publica de Electricidad del Peru	Financing	Chili River Hydroelectric Project – construction supervision and equipment	Harrison Overseas Construction Inc.	Cdn\$16,900,000			Ibid.
1979	Portugal	Companhia de Celulose Do Caima S.A.R.	Financing	Pulp and paper mill – equipment	Powlesland Engineering Ltd.	Cdn\$1,800,000			Ibid.
1979	Romania	Romanian Bank for Foreign Trade	Financing and Guarantee	Cernavoda-1 Nuclear Reactor	Atomic Energy of Canada Ltd.	Cdn\$1,003,300,000 financing and Cdn\$163,300,000		Forced labour used during construction. Workers conscripted, received little food and lived in unheated, poorly	David H. Martin, op. cit.; EDC, <i>1979 Annual Report</i> ; Energy Probe files. [Online]. Available:

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						guarantee agreement for bank consortium loans		serviced barracks. Though Canadian Energy Minister at the time, Jean Chretien, was quoted as saying, “We are not bartering CANDUs against strawberries,” reports stated that reactors would be traded for a variety of goods (strawberries, wine, shoes, clothing, etc.) in order to help pay off the EDC loan. Was the largest long-term loan in Canadian history for a single export sale. Throughout the 1980s, construction floundered due to poor management and lack of quality control. September 1991, AECL formed consortium with Italian state-owned nuclear company, Ansaldo, and with US\$300 million from EDC’s Canada Account, and US\$19.4 million from EDC’s Corporate Account (for a total of Cdn\$370 million) finished the reactor. Ansaldo is believed to have received US\$135 million from the Italian Medio Credito Centrale for its part. The total cost of Cernavoda 1 came to US\$2.2 billion. It reached first criticality on April 16, 1996 – more than a decade after the initial target start-up date of December 1985.	http://www.energyprobe.org/energyprobe/index.cfm ; NGO Working Group on the Export Development Corporation, op. cit.; Probe International files.
1979	Thailand	⊘	Financing	Mae Moh Power Project – supply and installation of third steam generating unit	Babcock & Wilcox Canada Ltd.	Cdn\$15,580,000 with Bank of Montreal		Project has caused a serious public health disaster. Villagers near the plant suffer chronic respiratory diseases, breathing problems, and skin disorders; livestock regularly fall ill and die; large areas of orchards, vegetable gardens and rice crops wilt from acid rain;	<i>Modern Power and Engineering</i> , Toronto, 1979; (<i>Hydro File</i>)*; Probe International files. * Details on hydro dams throughout the list are filed in Probe International’s <i>Hydro File</i> , a collection of data and

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								streams and waterways are blackened by the emissions as well as by the run-off from the coal mining operations. One of the largest point-sources of poisonous sulphur gas in South East Asia.	articles on approximately 800 hydro dams around the world.
1979	Venezuela	C.A. Energia Electrica de Venezuela	Financing	Three oil-fired steam generators, spare parts and services	Babcock & Wilcox Canada Ltd.	Cdn\$39,700,000			EDC, <i>1979 Annual Report</i> .
1979/80	Ivory Coast	⊘	Financing	Koussou-Daloa Rural Electrification Project	Acres, Shaw, Viceroy, Secord, Dominion Bridge	⊘		Displacement of 75,000 Baule people due to flooding.	<i>Hydro File*</i> ; Probe International files. * Details on hydro dams throughout the list are filed in Probe International's <i>Hydro File</i> , a collection of data and articles on approximately 800 hydro dams around the world.