Question 28

All outcomes, All outputs
Topic: Energy or Greenhouse related projects Asia
Written question

Senator Brown asked:

(1) For each of the financial years 1999–2000, 2000–01, 2001–02, 2002–03 and 2003–04, can a list be provided of energy or greenhouse-related projects and programs for the Asian region, including for each project or program its title, aim, amount of expenditure, and the country to which it relates. For energy projects, please specify the energy source.

(2) For each of the financial years 1999–2000, 2000–01, 2001–02, 2002–03 and 2003–04, can a list and details be provided of assistance given for coal exports from Australia, including through AusAID, provision of export credit, finance or insurance, export incentives and the like. In each case, include details of the country, company, funding and any conditions attached.

Answer:

AUSAID
(1) See spreadsheet below.

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
AAECP III: Energy From Biomass Residue	Biomass	Biomass	Brunei, Indonesia, Malaysia, Philippines, Singapore, Thailand and Vietnam	To assist ASEAN in the commercial development of fluidised bed combustion (FBC) technologies for the production of combined heat and power which utilises biomass residues available in the country.	803,351	47,568	8,000	-	-
AAECP III: Energy Policy & System Analysis	Energy Education/Training	Multi-source	Brunei, Indonesia, Malaysia, Philippines, Singapore, Thailand and Vietnam	To enhance the capacity of ASEAN policy makers and planners to assess the effectiveness and impact of energy policy options and strategies.	777,180	578,353	970,507	2,469,010	1,089,505
AADCP: Economic Policy & Research Facility: Preparing for Electricity Trading in ASEAN	Energy Policy & Administrative Management	Electricity	ASEAN member countries (except Singapore and Brunei)	Research study to guide the progressive implementation of power interconnection projects in ASEAN and help prepare for electricity trading.	-	-	-	-	200,000

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
AADCP: Regional Partnerships Scheme: Energy Policy & Systems Analysis Project	Energy Policy & Administrative Management	Multi-source	Cambodia, Laos and Myanmar (CLM)	To enhance the capacity of CLM energy policy makers and planners to assist the impacts and cost effectiveness of alternative energy options which could assist the CLM countries to formulate policies and programs to help meet the demand for energy at least cost.	-	-	-	-	395,640
IAEA Australia Nat. Safeguards Training	Energy Policy & Administrative Management	Nuclear Energy	South East Asia	To enhance regional security by ensuring that regional States are able to appropriately protect and control nuclear material and nuclear facilities within their jurisdictions and are fully aware of and able to implement their obligations	-	-	-	-	252,366

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				under the nuclear Non-Proliferation Treaty and their respective nuclear safeguards agreements with the IAEA.					
IAEA/RCA:App of RadioTech to SustDev-Reg	Energy Policy & Administrative Management	Nuclear Energy	South East Asia	To support Radiological Risk Assessment, Radiological Emergency Response and Radiological Pollution Assessment in Coastal Aquatic Environments. All three components utilise or relate to the peaceful uses of nuclear energy, with risk management and safety issues emphasised.	-	-	-	-	349,950
APEC: (DISR) Strengthening Operational Aspects of APEC Energy Micro-Economic Reform	Energy Policy & Administrative Management	Electricity	Indonesia, Philippines, Vietnam, Malaysia, Thailand	To develop a 'Strategic Manual of APEC EEI Reform' through an examination of: the	182,000	-	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				barriers and impediments to entry, competition and trade in electricity within and between APEC member economies; alternative models for structural and regulatory reform of the EEI; and best practices in the development of the legal and institutional arrangements necessary to implement reform models.					
APEC: (DISR) Strengthening Operational Aspects of APEC Energy Micro-Economic Reform Phase 3	Energy Policy & Administrative Management	Multi-source	Regional developing APEC economies	To promote and implement a regional strategy for institutional strengthening and capacity building amongst APEC member economies in micro-economic reform of energy	-	92,000	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				utilities. This third and final phase of the project which was delivered through a series of 7 day workshops in individual economies that involve regulatory institutions and government departments responsible for energy sector reform and preparation of a final report summarising principal findings and making recommendations for follow-up work.					
APEC: (CASE) Showcase of Australian Renewable Energy Technologies and Associated Application in Vietnam	Power Generation/Non-Renewable Sources	Multi-source	Vietnam	Installation of a sustainable energy power system in a rural Vietnamese village, with on-going performance monitoring and associated training	-	138,000	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				workshops will enable the Vietnamese to appreciate all the benefits of economic and social development electricity will bring to rural communities and enhance Australia's ongoing participation in the Mekong Delta economies.					
APEC: (CSIRO) Develop China's Peak Measurement Capabilities in Support of health, Clean Energy and High Precision Manufacturing Industries and Assist Participation in International Trade Agreements	Energy Policy & Administrative Management	Electricity	China	To develop traveling measurement artifacts in the areas of high voltage and coordinate measuring to provide traceability for Chinese industry in the areas of electrical power, medical equipment and high precision measurement in order to enable China to develop international	-	142,000	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				recognition of its measurement capabilities in theses areas.					
Village Electrification Training for Bule	Energy Education/Training	Multi-source	Solomon Islands	To train the essential local support personnel to manage and operate the Bulelavata village renewable energy system.	3,746	-	-	-	-
Village First Program	Energy Education/Training	Multi-source	Papua New Guinea, Solomon Islands and Vanuatu	To identify and build the local capacity to deliver energy infrastructure and services for rural communities.	-	69,500	-	-	-
Integrated Community Development Energy Supply	Hydro-electric Power Plants	Hydro Electricity	Solomon Islands	To establish a micro-hydro electricity generating scheme, to be fully owned,	73,247	-	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				maintained and operated by the local community management structure, as the key element in the Bulelavata integrated community development plan.					
Strengthened Assistance - Electricity	Electric Transmission/Distribution	Electricity	Solomon Islands	To provide urgent restoration and normalisation of SIEA's power supplies for Honiara	-	-	-	-	625,734
Est of accred & certification scheme	Energy Policy & Administrative Management	Solar Energy	Sri Lanka	This activity will have the following measurable objectives: a) Certified trainers who can conduct the training certification course for the industry; b) An ongoing accreditation program for designers, system installation technicians and	12,250	-	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				system maintenance technicians; c) The SIA trainer conducting the full SEIA course (larger systems) in Sri Lanka; and d) An active Solar Industry Association.					
Training in Hydropower Development	Energy Policy & Administrative Management	Hydro Electricity	Laos	To improve the Lao capacity to provide legal, technical, financial and environmental assessment of hydropower proposals.	-	168,896	-	-	-
Village First: Light up the Future	Energy Policy & Administrative Management	Electricity	Solomon Islands	To develop sustainable community development models for communities and increase local capacity to manage and operate village electrification systems.	-	23,642	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
Renewable Energy Eastern Islands	Solar Energy	Multi-source	Indonesia	To provide 14 villages in Central Sulawesi and South-East Sulawesi with electric power supplies from localised renewable hybrid power stations.	2,520,000	-	-	-	-
Small Grants Scheme – Standby generator for Niu'ui Hospital, Hihifo, Ha'apai	Oil-fired Power Generators	Oil	Tonga	To ensure a reliable constant supply of electricity. Ensure that potency of vaccine are maintained through refrigeration. Ensure that night-time operations and deliveries are conducted in a fully lit environment.	36,000	-	-	-	-
Small Grants Scheme – Generator for Tonga Development Bank (TDB) & Central Planning Department (CPD), Nuku'alofa, Tongatapu	Oil-fired Power Generators	Oil	Tonga	To ensure reliable electricity for the offices of TDB and CPD, that important work keyed into the computer is not lost and that staff are able to perform their	44,561	-	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				jobs even when the main supply of electricity is turned off.					
Incountry training program for Tuvalu Electricity Corporation (TEC)	Energy Education/Training	Electricity	Tuvalu	To provide training for the TEC in relation to Australian Standard Association Wiring Regulations 3000 for Electricians, ASA Wiring Standards, power generator for Vaitupu, power transmission and control, workplace safety, electrical generator maintenance	37,821	34,821	78,000	13,983	48,000
UNDP/GEF Renewable Energy Project	Energy Policy & Administrative Management (Power generation/renewable sources)	Multi-source	China	To address technical and market barriers to renewable energy technologies and strengthen and support an increased capacity	560,125	773,142	447,227	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				within China to shift from current supply driven and state supported mechanisms for renewable energy technology and market development to demand driven mechanisms, investor and consumer friendly approaches, that can provide greater opportunities for rapid commercialisation. Energy sources include solar, wind, biogas and bagasse cogeneration (from sugar cane residue)					
Korean Peninsular Energy Development Org	Nuclear Power Plants	Oil	Korea, Democratic Republic	To assist the DPRK in meeting its short-term energy needs by providing funding for heavy fuel oil, while longer-term nuclear power	3,015,881	1,992,957	4,000,000	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				sources were being developed. Funding was provided through the Korean Peninsular Energy Development Organisation (KEDO).					
Datong Cleaner Environment	Biosphere Protection	Coal	China	To develop and demonstrate a methodology for improving the operations of a large polluting coal gasification plant, the Datong Coal Gasification Corporation (DCGC) and assist DCGC comply with China's Environmental Protection Bureau (EPB) legislation and Water Resource Management Committee (WRMC) requirements.	238,148	738,556	2.394,731	2,090,181	1,120,184

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
Solomon Islands - Generator Repairs	Power Generation/Non-Renewable Sources	Electricity	Solomon Islands	Australian assistance is ensuring the restoration of Solomon Islands Electricity Authority (SIEA) Infrastructure to meet ongoing energy supply demands in Honiara. Australia and New Zealand are implementing a package of essential repairs and installation of a key generator to stabilise normal supply requirements.	-	-	635,414	451,407	781,334
Nauru Package of Development Assistance	Power Generation/Non-Renewable Sources	Electricity	Nauru	To provide Nauru with a reliable power source.	-	-	11,030,000	11,010,000	10,678,777
Electrical Engineer support through Pacific Technical Assistance Program	Energy Education/Training	Electricity	Niue	To provide governance capacity assistance, human resources training and basic	74,602	49,225	45,660	32,566	68,527

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				infrastructure support					
Niue Hospital	Oil-fired Power Generators	Oil	Niue	To provide an emergency generator for Niue Hospital	-	25,814	-	-	-
Strengthening PUB: Electricity	Power Generation/Non-Renewable Sources	Electricity	Kiribati	To secure and maintain a safe and reliable power supply on South Tarawa by improving the maintenance of and response to breakdowns in the current power systems.	717,642	799,812	-199,594	176,913	205,614
Aitutaki Wind Energy Monitoring Station	Wind Power	Wind Energy	Cook Islands	To trial wind-powered electrical generation to develop options for reduced dependency on fossil fuels					71,299
Manihiki Power Upgrade	Electric Transmission/Distribution	Electricity	Cook Islands	To provide reliable electricity generation and distribution systems	201,411	-	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				on the island of Manihiki in the Northern Group of the Cook Islands.					
Manihiki & Penrhyn Water Supply	Energy Education/Training	Electricity	Cook Islands	To upgrade the electrical system in the villages of Omoka and Te Tautua, to enable current and future demand to be met in an economically sustainable way, whilst ensuring that an adequate level of reliability and system performance is met.	-	707,413	878,736	-	-
Ha'apai Electrification Project	Oil-fired Power Generators	Electricity	Tonga	To stimulate economic activity and to improve the amenity of life through the construction of a reliable and less expensive electricity supply.	263,265	311,158	1,438,061	2,511,526	1,061,938

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
Renewable Energy Program	Power Generation/Renewable Sources	Multi-source	Cook Islands, Tonga, Vanuatu & Marshall Islands	To advance the social and economic development in the region through demonstrating the viability of sustainable renewable energy technologies.	250,392	500,000	500,000	245,000	-
POPs Project Phase II	Biosphere Protection	Multi-source	Pacific Islands Unallocated	To collect, package and transport Persistent Organic Pollutants (POPs) and related chemicals from 13 Pacific Island countries for safe destruction in Australia.	-	-	180,593	406,252	878,574
Municipal Solar Infrastructure Project	Solar Energy	Solar Energy	Philippines	The project surveyed 1,539 barangay in 53 municipalities in the Visayas and Mindanao. Of these, 435 barangay received a range of photovoltaic packages, as well	208,918	-	-	-	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				as social preparation and training.					
Philippines Power Restructuring Program (Stage 1) Market Rules Development (under the Philippines Australia Governance Facility - Phase 1)	Energy Policy	Multi-source	Philippines	To develop a set of market rules and a governance structure appropriate to the Philippines setting and environment	-	499,999	-	-	-
Philippines Power Restructuring Program (Stage 2) Technical Assistance in the Development of Market Rules (under the Philippines Australia Governance Facility - Phase 1)	Energy Policy	Electricity	Philippines	To finalize an appropriate set of Market Rules and governance structure to ensure the establishment of a fair, transparent, reliable, safe and efficient operation of the wholesale electricity spot market	-	-	591,920	-	-
Small Activities Scheme	Biomass	Biomass	Vietnam	To assist a clean environment, transform breeding-waste into clean gas for use in cooking and to improve the living	-	-	-	7,398	-

					Expenditure (A$)				
Activity name	**Sub Sector**	**Energy source**	**Country**	**Aim**	**1999–00**	**2000–01**	**2001–02**	**2002–03**	**2003–04**
				conditions of farmers in Da Nang					
Houaphan Micro hydropower	Hydro-electric Power Plants	Hydro Electricity	Laos	To provide micro hydro power and the associated electrical infrastructure to 4 villages in the Ban Tao area of Houaphan province to allow local development priorities to be realized.	36,026	51,142	118,660	7,611	-
Training in hydropower development	Hydro-electric Power Plants	Hydro Electricity	Laos	The project aims to improve the Lao capacity to provide legal, technical, financial and environmental assessment of hydropower proposals.	47,000	168,896	-	-	-

Source: AusAID statistical datamart. Compiled by IRSU, 9 December 2004.

(2) Nil response.

AUSTRADE

(1) Not applicable.

(2) During the period 1999–00 to 2003–04, five grants totalling $198,032 were paid to four coal exporters under the Austrade administered Export Market Development Grants (EMDG) scheme.

The attached table provides details (name, address, industry and grant amount) of the four coal exporters who received EMDG grants during the financial year period 1999–00 to 2003–04.

The privacy provisions of the Australian Trade Commission Act 1985 prevent Austrade from releasing any other information about individual grant recipients.

Export Market Development Grants (EMDG) paid to coal exporters: 1999–00 to 2003–04

Recipient Name	Address	Suburb	State	Post code	Industry	Grant Payment	Financial Year grant paid
ENERGY BRIX AUSTRALIA CORPORATION PTY LTD	Commercial Road	MORWELL	VIC	3840	Petroleum and Coal Product Manufacturing	$23,489	2003-04
IFS INTERCOAL FUEL SUPPLIES PTY LTD	Level 6, Suite 603, 1 Chifley Square	SYDNEY	NSW	2000	Metal and Mineral Wholesaling	$106,652	1999-00
WESFARMERS BENGALLA LIMITED	11th Floor, 40 The Esplanade	PERTH	WA	6000	Petroleum and Coal Product Manufacturing	$17,347	1999-00
WHITE MINING LIMITED	Level 6, 77 Eagle Street	BRISBANE	QLD	4000	Black Coal Mining	$31,694	2002-03
WHITE MINING LIMITED	Level 6, 77 Eagle Street	BRISBANE	QLD	4000	Black Coal Mining	$18,850	2003-04
Total grants: 5						**$198,032**	

EFIC

(1) EFIC does not deliver, provide or sponsor any projects or programs.

(2) Refer to the attached listing at Table 1 of short term credit insurance facilities provided by EFIC for coal exports for each of the financial years 1999–2000, 2000–2001, 2001–2002 and 2002–2003. Details have not been supplied for the 2003–2004 financial year as EFIC's short–term credit insurance business was sold to Gerling NCM (now called Atradius) early in this period.