

Representative Projects and Services Undertaken in the Last 15 Years

| Country | Project Study | Main Features | Cost (M\$) | Services Provided | Period | Loan's source | Loan's amount | Client |
|--------------------------------|--|----------------------|------------|-------------------|-----------|---------------|----------------|--|
| ALBANIA | Kesh Rehabilitation | | | E F | 2004 | | | |
| | Power System Dispatching Center | | | | | IBRD | 120,000 US\$ | IBRD – International Bank for reconstruction and Development |
| | - transmission and distribution system | 400/220/110 kV | - | A D E | 1998-1999 | | | |
| | Power Transmission Feasibility Project | | | | | EBRD | 235,000 US\$ | EBRD –European Bank for Reconstruction and Development |
| | - 110 kV transmission line | 105 km | | C D F V | 1995-1996 | | | |
| | - 220 kV transmission line | 5 km | | | | | | |
| | Environment Situation and Strategies Studies | | - | A B V | 1992-1993 | WB | 260,000 US\$ | WB - World Bank |
| | Electric System Rehabilitation and Enlargement | | | | | | | |
| | - 220 kV power transmission | | | | | | | |
| | - 110 kV transmission facilities | 1 105 km 1 146 km | 45 | A B C M | 1992-1993 | IBDR | | IBRD – International Bank for reconstruction and Development |
| | - 35 kV distribution system | 1 150 km | | | | | | |
| | - interconnection with Greece | 400 kV | | | | | | |
| | - interconnection with Jugoslavia | 220 kV | | | | | | |
| | Environmental Situation and Strategies Studies | | | | 1992-1993 | WB | 260,000 US\$ | WB – World Bank |
| ALGERIA – SPAIN | Algeria-Spain HVDC Connection | | | C | 2001-2002 | | | REE - Sonelgaz |
| ALGERIA - ITALY | Algeria-Italy HVDC Connection | | | C | 2003-2004 | | | GRTN - Sonelgaz |
| ANGOLA | National Power Sector Rehabilitation Program | 252 MW | 67 | C D E F H L M | 1994-1999 | IDA | 2,800,000 US\$ | MINEA – Ministry of Energy and Water Affairs |
| AUSTRIA/ GERMANY/ ITALY | Munchen-Brenner-Verona railway link: | | | | | | | |
| | - line layout | 350 km | | | | | | |
| | - passenger trains project speed | 250 km/h | 20 | A* | 1991-1993 | | | |
| | - goods trains project speed | 160 km/h | | | | | | |
| | - length of the pass tunnel | 54 km | | | | | | |
| AZERBAIJAN | National energy sector technical cooperation | | | | | EBRD | 180,000 US\$ | EBRD –European Bank for Reconstruction and Development |
| | - Thermal power plants | 7 | | A B M V | 1993-1994 | | | |
| | - Hydroelectric power plants | 5 | | | | | | |
| | Tariff Study | | | A | 1996-1997 | EBRD | 80,000 US\$ | Azerenergji |

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| | Yenikend Renewable Energy Project 110kV Substation | | | | 2000 | EBRD | 150,000 US\$ | Azerenergji |
| | Yenikend Renewable Energy Project - powerhouse - 2 generators | 4 x 37,5 MW 42 MVA | 80 | C D E F G H L M P | 1995-2001 | EBRD | 2,915,000 US\$ | Azerenergji |
| | Mingechaur Power Project - powerhouse - transmission lines (330-110 kV) | 6 x 60 MW 84 km | 45 | D E F G H L M P | 1998-2002 | EBRD | 1,905,000 US\$ | Azerenergji |
| | Mingechaur Power Project 330 kV and 110 kV Transmission lines and Substations | | | | 1998-2001 | EBRD | 600,000 US\$ | Azerenergji |
| BOLIVIA | Development plan of the Guadalquivir river watershed - watershed area - agricultural area | 1 100 km ² 15 000 ha | - | B | 1993 | BID Intern. Develop Bank | 180,000 US\$ | CODETAR-Corporacion Regional de Desarrollo de Tarija |
| BRAZIL | High Iguaçú river flood control | 50 km | 25 | C D | 1996-1997 | | 650,000 US\$ | C.O.M.E.C.-Coordenacao da Regio Metropolitana de Curitiba |
| | Itaparica Irrigation Special Project | | | | 1992-1998 | | 300,000 US\$ | CODEVASF-Companhia de Desenvolvimento do Vale do Sao Francisco |
| | Angical irrigation system - pumping stations - sprinkler irrigated area | 3 10 000 ha | - | B C V | 1992-1994 | IADB | 4,000,000 US\$ | CODEVASF Companhia de Desenvolvimento do Vale do Sao Francisco |
| BRAZIL/ PARAGUAY | Itaipù Hydroelectric project - reservoir - Itaipù concrete buttress dam - 18 units (each) - energy yearly production | 12 600 MW 29 000 Mm ³ h = 196 m 700 MW 75000 GWh | 18 000 | B C D E F G H L P | 1971-1992 | | 20,000,000 US\$ | Itaipu Binacional |
| BULGARIA | Unit Control System | | | E | 1994 | IBRD | 650,000 US\$ | NEK - Natzionalna Elektricheska Kompania |
| CAMEROON | Post Privatization Cameroon | | | AE | 2001 | | | |
| CHINA | Wanjiazai water transfer project | 48 m ³ /s | 1200 | A V | 1995-1996 | IBRD | 600 US\$ | World Bank (IBRD) |

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| | - discharge - pumping installed power - conveyance system | 450 MW 300 Km | | | | | | |
| | Wanijazhai Pump and Turbine Plant | | | | 1995-1996 | WB | 800,000 US\$ | WB |
| CHINA | Sanxia Multipurpose Project | | | | 1988-1989 | | 700,000 US\$ | Ministry of Water Resources Yangtze Valley Planning Office |
| CIS & CEE COUNTRIES | Efficient Thermal Power Technologies | | | A | 1998 | UNIDO | 100,000 US\$ | UNIDO-United Nations Industrial Development Organization |
| CONGO BRAZZAVILLE | Power Sector Privatisation Project | | | A D E | 1999-2001 | AFC French Coop. Agency | 90,000 US\$ | Government of Congo |
| COSTA RICA | Miravalles Geothermal field and plant (2 units of 55 MW) | 110 MW | 140 | B C D V | 1983-1994 | | 2,100,000 US\$ | ICE - Instituto Costarricense de Electricidad |
| DJIBOUTI | Ali Sabieh water supply system | 30 km | 10 | B D F H L * | 1988-1992 | | 450,000 US\$ | ONED –Office National des Eaux de Djibouti |
| DOMINICAN REPUBLIC | Rio Blanco Hydroelectric project - concrete dam - conveyance system - shaft powerhouse | h = 35 m 8 km 25 MW | 60 | D F G H L | 1985-1994 | | 4,000,000 US\$ | CDE – Corporacion Dominicana de Electricidad |
| | Rio Blanco Hydroelectric Project: 69kV OHTL and Substation | | | | 1993-1994 | | 800,000 US\$ | CDE – Corporacion Dominicana de Electricidad |
| | Santo Domingo urban area master plan: - inhabitants | 2 000 000 | - | B C* | 1989-1993 | | | |
| EAST TIMOR | Emergency Infrastructure Rehabilitation Project ▪ 138 kV lines ▪ 46 kV ▪ 15 substations | n.21 pwr st. lines 20 kV 32 km 150 km 454 MVA | 0.6 | C D E F | 2000-2001 | ADB | 140,000 US\$ | UNITAET – United Nations Transition Administration East Timor |
| ECUADOR | Daule Peripa Hydroelectric Plant | 210 MW | 200 | E G H L P * | 1996-2000 | CAF Italian Gov. Ecuador Gov | 5,000,000 US\$ | Cedegè (Comision para el Desarrollo de la Cuenca del rio Guayas) |

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| | 138 kV Transmission Lines and Substation of Daule Peripa HPP | | | | 1998-1999 | CAF Italian Gov. Ecuador Gov | | Cedegè (Comision para el Desarrollo de la Cuenca del rio Guayas) |
| | Zamora Hydroelectric plant - arch dam - 4 units x 200 MW | h = 120 m 800 MW | 900 | B V* | 1986-1992 | | | |
| | Coca-Codo Sinclair Hydroelectric Project - weir structure - power tunnels - powerhouse | h = 38 m 2 x 25 Km 6 x 144 MW | | B C | 1986-1992 | | 3,500,000 US\$ | INECEL – Instituto Nacional Ecuatoriano de Energia Electrica |
| | Coca-Codo Sinclair Hydropower Project: 230 kV Transmission Line | | | | 1991-1992 | | 200,000 US\$ | INECEL – Instituto Nacional Ecuatoriano de Energia Electrica |
| EGYPT | New Esna multipurpose project on Nile river: - power (6 units x 17 MW) - navigation lock - 130 kV line | 102 MW 110 x 17 m 4 km | 180 | D F G I P | 1988-1993 | | 2,500,000 US\$ | Impreglio S.p.A. Milan |
| | New Esna Multipurpose Development :130kV Transmission Line and Substation | | | | 1992-1993 | | 240,000 US\$ | Impreglio S.p.A. Milan |
| | Damietta combined cycle thermal power station: - 3 steam units and 6 gasturbine units | 1 260 MW | - | D E F P | 1990-1993 | Electric Egyptian Authority | 1,600,000 US\$ | Nuova Cimimontubi Milan |
| | Gabral el Arfar waste water treatment plant - capacity per day | 1 Mm ³ | 90 | A B | 1991-1992 | | | |
| EL SALVADOR | Berlin geothermal field and power plant | 55 MW | 95 | B C D E V | 1980-1997 | | | |
| | Ahuachapan geothermal field & plant | 95 MW | 55 | C D E F | 1993-1997 | | | |
| | Acajutla Thermal power plant rehabilitation - unit 1 - unit 2 | 30 MW 33 MW | - | C M V | 1993-1994 | | | |
| | Toluca new Thermal power plant | 75 MW | 100 | B C D | 1993-1995 | | | |

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| | - unit 3 | | | | | | | |
| | Transmission system rehabilitation program | | | M (B C D) V | 1992-1993 | IBRD | 500,000 US\$ | CEL – Comision Ejecutiva del rio Lempa |
| | - 115 kV lines to be rehabilitated | 580 km | 26 | | | | | |
| | - 115 kV lines to be rebuilt | 200 Km | | | | | | |
| | Emergency program for transmission system | | | | | IADB | 500,000 US\$ | CEL – Comision Ejecutiva del rio Lempa |
| | - 230 kV lines | 72 Km | 40 | M (B C D) V | 1992 | | | |
| | - 115 kV lines | 140 Km | | | | | | |
| | - 115/46/23 kV substations | 8 | | | | | | |
| ETHIOPIA | Gilgel Gibe II Power Transmission Project | | | E F | 2004 | | | |
| | Pre-feasibility Study, Feasibility Study, Design Works and Tender | Capacity: 38 MW | | C E F | 2004 | | | |
| | Gilgel – Omo HPP Owner Engineer | | | A C | 2003 | | | |
| | Gilgel Gibe Hydroelectric Plant | | | | | IBRD | 4,300,000 US\$ | EPEPCO – Ethiopian Electric Power Corporation |
| | - earthfill dam | h = 40 m | 245 | C D E F G H I L * | 1995-2003 | | | |
| | - conveyance tunnel | 8,8 Km | | | | | | |
| | - underground power house | 190 MW | | | | | | |
| | Power and Telecommunications Sector Reform | | | A | 1998-1999 | IBRD | 450,000 US\$ | IBRD |
| | Tendaho Geothermal Power Plant Project | | | AC * | 1995-1997 | EELPA | 70,000 US\$ | Aquater (Italy) |
| GEORGIA | Khrami II Hydroelectric Plant Rehabilitation Project (phase 1) | 190 MW | 20 | M (D E F G H L P) | 1997-2003 | IBRD | 700,000 US\$ | Sakenergogeneratsia |
| | Khrami II & Lajanuri Hydroelectric Plant Rehabilitation Project (phase 1&2) | | | | 1997-2003 | JBIC | 1,711,000 US\$ | Energogeneratsia |
| | Khrami II and Lajanuri Poer Rehabilitation project:110kV and 220kV Switchyard | | | | 1997-2003 | IBRD | 100,000 US\$ | Sakenergogeneratsia |
| | Lajanuri Hydroelectric Plant Rehabilitation Project (Phase 2) | 115 MW | 30 | M (D E F G H L P) | 2000-2003 | JBIC | 1,777,000 US\$ | Energogeneratsia |
| | Georgia Construction Supervision | | | H | 2000 | | | |

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| GHANA | | | | | 2003 | | | |
| GUATEMALA | Camotan Hydraulic Plant - rockfill dam - powerhouse | h = 82 m 59 MW | 238 | C V | 1990-1992 | | 1,700,000 US\$ | Instituto Nacional de Electrificación - INDE |
| | Oregano Hydroelectric Project | | | | 1990-1992 | | 1,600,000 US\$ | Instituto Nacional de Electrificación - INDE |
| INDONESIA | Kamojang Project | | | E F | 2004 | | 220,000 US\$ | PT Pertamina (National Oil Company) |
| | Karaha Geothermal Project | | | C | 2002-2003 | | 200,000 US\$ | PT Pertamina (National Oil Company) |
| | IPP Project Advisor | | | A | 2002-2003 | ADB | | Perusahaan Umum Listrik Negara – PLN |
| | Sarulla Geothermal PP | | | C | 2003 | PLN found | 200,000 US\$ | PT PLN (PERSERO) |
| | BOT Renegotiation Advisor | | | A | 2000-2001 | | | |
| | Private Develop. Of Geothermal Power | | | | 2000-2001 | ADB | 250,000 US\$ | Perusahaan Umum Listrik Negara – PLN |
| | South Sumatra 150 kV transmission System - 150 kV transmission lines - 150 kV substations | 122 km n. 5 | 50 | A E F H L V | 1995-1998 | ADB | 2,000,000 US\$ | PLN (PERSERO) |
| | TAP Substations - substation number - initial capacity | 3 30 MWA | | D E G H P | 1996-2000 | IBRD | 700,000 US\$ | P.T. PLN (PERSERO) |
| | Technical Assistance for BOO Contracts | | | A D | 1995-1996 | IBRD | 480,000 US\$ | Director General of Energy & Electricity (DGEED) |
| | Greater South Sumatra 275 kV transmission Project - transmission lines 275 kV - transmission lines 150 kV | 116 km 68 km | 2 | A E F H L | 1997-2000 | ADB | 2,100,000 US\$ | P.T. PLN (PERSERO) |
| | Minigeothermal Project | 20 MW | 20 | A B D V | 1995-1998 | IBRD | 500,000 US\$ | Perusahaan Umum Listrik Negara – PLN |
| | Irrigation Development in Bali Province | 40 000 ha | 25 | A D E H | 1995-2001 | ADB | 2,300,000 US\$ | Directorate General of water Resources Develop. (DGWRD) |
| | Central Java groundwater development (2 phase) | | | B H | 1992-1998 | ADB | 3,500,000 US\$ | Directorate General of water Resources Develop. (DGWRD) |

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| | Darajat Geothermal power plant - power - substation | 1 x 55 MW70 MVA | 50 | G H I L V * | 1992-1995 | | 2,400,000 US\$ | Perusahaan Umum Listrik Negara – PLN |
| | Groundwater Irrigation Develop. Project Prep. Work | | | | 1992 | IBRD | 200,000 US\$ | Ministry of Public Works Directorate General of water Resources Develop. (DGWRD) |
| | Sermo Dam Irrigation Develop. Project | | | B C V | 1991-1995 | ADB | 2,300,000 US\$ | DGWRD |
| | Integrated irrigation sector project in the Yogyakarta area - Sermo rockfill dam - irrigated area | h = 42 m 115 000 ha | 20 | C V * | 1991-1996 | ADB | 2,500,000 US\$ | Directorate General of water Resources Develop. (DGWRD) |
| | Study on Geothermal Steam pricing policy | | | | 1991-1992 | ADB | 200,000 US\$ | Perusahaan Umum Listrik Negara – PLN |
| | Groundwater Irrigation Develop. Project Prep. Work | | | | 1990 | IBRD | 100,000 US\$ | Ministry of Public Works Directorate General of water Resources Develop. (DGWRD) |
| | Groundwater Irrigation Develop. Project Prep. Work | | | | 1991 | IBRD | 400,000 US\$ | Directorate General of water Resources Develop. (DGWRD) |
| | INDECEL Rural Electrification Project - 20/0.4 kV pole mounted substations - 20 kV transmission lines - users | n.100 80 km 50 000 | - | C D E F G H I L | 1990-1993 | CEC | 400,000 US\$ | Directorate General for Electricity and New Energies (DJLEB) |
| | Central Java groundwater development (1 phase) - irrigated area - production wells | 15 600 ha 839 | - | A B C * | 1988-1992 | ADB | 3,900,000 US\$ | Directorate General of water Resources Develop. (DGWRD) |
| | North Sumatra transmission and distribution system - transmission lines - distribution lines - 5 substations 150/20 kV | 228 km 810 km 23 MVA | 58 | A E F H L | 1988-1992 | ADB | 4,500,000 US\$ | Perusahaan Umum Listrik Negara – PLN Ministry of Mines & Energy |
| | Lombok groundwater irrigation scheme - irrigated area | 1 700 ha | - | H I | 1988-1992 | Ministry of Foreign Affairs; Italian Gov. | 2,500,000 US\$ | Ministry of Foreign Affairs; Italian Gov |

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| | Groundwater irrigation development in the central region of Java and Sulawesi - irrigated area - production wells | 4 750 ha 725 | - | D E H I P * | 1988-1992 | ADB | 200,000 US\$ | Ministry of Public Works DGWRD |
| | Ira Lalaro Hydroelectric Project | | | C | 1988-1989 | ADB | 1,000,000 US\$ | Perusahaan Umum Listrik Negara - PLN |
| | Isal 2 – Hydroelectric Project | | | C | | ADB | 1,000,000 US\$ | Perusahaan Umum Listrik Negara - PLN |
| | Gunung Salak Geothermal PP | | | A B C E V | 1985-1990 | IBRD | 1,000,000 US\$ | Perusahaan Umum Listrik Negara - PLN |
| | Palasari Irrigation Project | | | B C | 1985-1989 | | 1,200,000 US\$ | Ministry of public Works – Directorate of water –Resources Develop. |
| | Ujung Pandang Power Distrib. Project | | | H P | 1983-1990 | | 2,000,000 US\$ | Perusahaan Umum Listrik Negara – PLN Ministry of Mines & Energy |
| | Bali Rural Development Plan | | | B C | 1979-1989 | ADB | | Directorate General of Water Resources |
| IRAN | O&M Services for a typical Combined Power Plant | | | L | 2003-2004 | | 300,000 US\$ | |
| | Pareh Sar CCGT | 900 MW | | F | 2002 | | 150,000 US\$ | EDISON –Italy DSD – Germany MAPNA -Iran |
| | Pa-Alam Hydroelectric Project | | | | 1999-2000 | | 100,000 US\$ | Ministry of Energy Iran Water and Power Develop.Co. (IWPC) |
| | Seymareh Hydroelectric Project | | | | 1998-on going | | 120,000 US\$ | Ministry of Energy Iran Water and Power Develop.Co. (IWPC) |
| | Sazbon Hydroelectric Project | | | | 1998-2000 | | 100,000 US\$ | Ministry of Energy Iran Water and Power Develop.Co. (IWPC) |
| | Technical assistance to Ministry of Water and energy for Karkeh Hydropower Plants | | 400 | D E H | 1997-2000 | | | |
| | Karkeh River Hydroelectric Develop. Feasibility Study | | | C | 1994-1996 | | 680,000 US\$ | Ministry of Energy Iran Water and Power Develop.Co. (IWPC) |
| | Busher multipurpose project - Tang-e-duck arch dam | h = 140 m | | | | | | |

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| | - power plant (2 units of 35 MW) | 70 MW | - | A B D I | 1991-1994 | | | |
| | Hydroelectric development resources of Upper Dez and Karun | 2500 MW | 2 000 | B | 1993-1994 | | 300,000 US\$ | Ministry of Energy Iran Water and Power Develop.Co. (IWPC) |
| | Feasibility of 1500 Mw Alkan Pump - Turbine | | | C | 1993 | Min.of Energy | 200,000 US\$ | Ministry of Energy |
| | Baresou arch dam | h = 82 m | - | C | 1992-1993 | | | |
| | Karkeh water resources Master Plan | | | | | | 1,000,000 US\$ | Ministry of Energy Iran Water and Power Authority |
| | - Hydroelectric power plants - irrigated area | 1100 MW 26 500 ha | 1 030 | A B C * | 1991-1993 | | | |
| | Ilam multipurpose plant - Cham Gardolan arch dam | h = 90 m | - | D | 1991-1992 | | | |
| | Rehabilitation of Dez Hydroelectric power plant - arch dam - power plant (8 units of 65 MW) | h = 203 m 520 MW | 800 | M (B C D)* | 1991-1992 | | 1,700,000 US\$ | Ministry of Energy Khuzestan Water and Power Authority |
| | Extension of Dez Hydroelectric power plant - new underground power plant | 760 MW | 800 | B C D * | 1991-1992 | | 1,300,000 US\$ | Ministry of Energy Khuzestan Water and Power Authority |
| ITALY | Menta New Study on Evaluation of Environmental Impact | | | | 2004 | | | |
| | Glorenza HPP | Total capacity 96 MW (4 Palton turbines) | | F | 2003 | | 10,000 US\$ | EDISON |
| | Salisano HPP | Total capacity 40 MW (4 Francis turbines) | | AF | 2003 | | | |
| | Acquisition of EUROGEN Technical Assistance | | | A | 2002 | | 10,000 US\$ | Citigroup Corporate & Investment Bank |
| | Filago CCGT | 800MW | | ABF | 2002 | Entergy Power Group | 800,000 US\$ | Entergy Power Group |

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| | Pumped Storage Plants | | | | 2002 | | Below 100,000 US\$ | Italian Regulatory Authority for Electricity and Gas |
| | Bormida River Hydraulic Studies | | | F | 2002 | | | |
| | Porto Vesme Coal Fired PP | | | F | 2002 | | 100,000 US\$ | PB Power |
| | Italian Authority – Energy Produced Determination | | | C | 2002 | | | |
| | As Built – Codelfa – Dronero | | | F | 2002 | | | |
| | Calice 40 Mw Wind Farm | | | | 2001-2002 | Entergy Power Group | 100,000 US\$ | Entergy Power Group |
| | Cairo Montenotte CCGT | 800 MW | | ABF | 2000 | Entergy Power Group | 800,000 US\$ | Entergy Power Group |
| | Catacino Vizzanola DME | | | F | 1998-1999 | | | |
| | Milan Exhibition Center Building | 63 000 m ² | 140 | H* | 1995-1998 | | | |
| | Viola Conveyance System - water intakes - tunnel | n. 5 16 km | 50 | C D | 1995-1996 | | 1,000,000 US\$ | AEM |
| | Timavo River Basin | 2 500 km ² | - | B* | 1995-1998 | | | |
| | LNG vaporisation terminal (liquefied natural gas): - storage capacity - send-out rate - annual gas send-out rate | 0.3 Mm ³ 1 M Nm ³ /hr 5 000 M Nm ³ | 700 | D F H * | 1992-1996 | | | |
| | Edison Hydroelectric Plants: Patrimonial Evaluation | | | | 1992 | | 160,000 US\$ | EDISON |
| | Dronero HPP Rehabilitation | | | | 1990-1995 | | 550,000 US\$ | ENEL |
| | Gromo Hydroelectric Plant Rehabilitation | | | | 1990-1995 | | 610,000 US\$ | ENEL |
| | Brindisi Sud Thermal power plant – reduction of SO2 emissions | 660 MW | 190 | F I V * | 1990-1994 | | | |
| | Cassano d'Adda Thermal | | 120 | C D M | 1991- | | | |

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Representative Projects and Services Undertaken in the Last 15 Years

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|---------|--|------------------|------------|-------------------|-----------|-----------------------------------|----------------|--|
| | power plant - repowering of group 2 - steam unit - turbogas | 320 MW 130 MW | | | 1994 | AEM | 1,200,000 US\$ | AEM Milan |
| | Fusina Thermal plant - reduction of SO2 emissions | 320 MW | 170 | F I V * | 1991-1994 | | ? | AEM Milan |
| | Cardone HPP Rehabilitation | | | | 1991-1994 | EEC | 475,000 US\$ | ENEL |
| | Caolo HPP Rehabilitation | | | | 1991-1994 | ENEL /CEE | | ENEL |
| | Fiume Santo Thermal power plant - reduction of NOx emissions | 320 MW | 90 | F I V * | 1991-1994 | | | ENEL |
| | Menta multipurpose project - rockfill dam - yearly water supply | h = 90 37 Mm3 | 65 | B D F H L V * | 1976-2000 | Agency Develop. Prom. South Italy | 3,000,000 US\$ | Agency for Develop. Promot. In South Italy |
| | Tuscano Hydroelectric Plant rehabilitation | | | | 1992-1994 | ENEL | 400,000 US\$ | ENEL |
| | Cassano d'Adda Thermal power plant - revamping of group 1 - steam unit - turbogas | 80 MW 25 MW | 50 | D E F I | 1991-1993 | | 1,500,000 US\$ | AEM Milan |
| | Aterno Pescara Groundwater Protection Project | | | | 1991-1992 | | 800,000 US\$ | |
| | Enel Mini-hydro Plants Rehabilitation - number of plants - total capacity | 6 50 MW | | AFIM | 1990-1996 | | 3,200,000 US\$ | ENEL |
| | Roncaglia Hydroelectric Plant | | | | 1989-1994 | ENEL | 675,000 US\$ | De Pretto – Esher Wiss |
| | Lasa Powerhouse Pumping Unit | | | | 1989 | | 300,000 US\$ | Società Energia Montedison |
| | Valda flood control project - arch dam | h = 132 m | 250 | B C D * | 1988-1993 | | 2,400,000 US\$ | Gov. of Trento Provinces |
| | Railway link Saronno-Malpensa | 20 km | 210 | G H * | 1988-1993 | | | |
| | Latera Geothermal field and power plant | 40 MW | - | C D F | 1988-1992 | | | |

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| | Milan gas distribution system - users | 60 000 | 120 | D E F | 1986-1992 | | 3,200,000 US\$ | AEM - Milan |
| | Premadio 2 Hydroelectric plant - underground power station - conveyance system | 220 MW 4 km | 320 | C D E | 1986-1992 | | 4,500,000 US\$ | AEM - Milan |
| | Ridracoli Water Supply Project | | | | 1975-1990 | | 2,800,000 US\$ | Water Supply Authority of Ravenna and Forli Provinces (CORIDRA) |
| | Assistance for the Establishment of the Electric and Gas National Authority | | | A | 1997 | | 120,000 US\$ | Electric and Gas National Authority Italian Gov. |
| | Assessment of Mini-hydro Potential | | | A B | 2001 | | | ENEL Hydro SPA CESI SPA |
| IVORY COAST | Study concerning the Reform of the Electric System Institution | | | A | 2003 | | | |
| JAMAICA | Rockfort Transmission system expansion: - 69 kV lines - 69 kV substations | 20 Km 6 | 32 | B D E G H L | 1994-1996 | EIB | 800,000 US\$ | JPS Jamaica Public Service Company |
| | T&D System Expansion Programme - 138/69 kV lines - 4 substations | 174 km 80 MVA | 32 | B D E F G H P | 1978-1993 | | | |
| KAZAKHSTAN | Syr Darya river flood control - river training - irrigated area | 1 750 Km 280 000 ha | | A B | 1995-1996 | IBRD | 425,000 US\$ | IBRD |
| KIRGYZSTAN | Energy advisory group - 1992 installed hydroelectric capacity - 1992 installed thermal capacity | 2 740 MW 674 MW | - | A B | 1994 | TACIS | 400,000 US\$ | EC TACIS |
| KOSOVO | UNMIK: Feasibility Study for the Kosovo-Albania 400kV Transmission interconnection Project, and task (B) Electricity Exchange Strategy Foundation | | | | 2004 | | | |
| LAOS | Energy Sector Technical Assistance Project Nam Ngum irrigation | | - 10 | A * D E H | 2001-2002 1990- | WB | 2,500,000 US\$ 1,300,00 | Unmik Public Utilities Department Ministry of |

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| | implementation project | 1 800 ha | | | 1994 | EEC | 0 US\$ | Agriculture Forests Irrigation and Cooperatives |
| | Nam Houm irrigation scheme | 10 000 ha | - | D E H | 1989-1992 | EEC | 500,000 US\$ | Interim Committee for Coordination of Investigation of the Lower Mekong Basin |
| LEBANON | Lebanon Electric Sector Privatisation | | | A* | 2002 | | 200,000 US\$ | Government of Lebanon |
| LIBYA | Great Man – Made River Project | 477 km | | | | | 150,000 US\$ | C.E.I Compagnia Elettrotecnica Italiana |
| | - 66 kV lines | 877 km | - | A B E | 1994-1995 | | | |
| | - 33 kV lines | 11 | | | | | | |
| | - 66/33/11 kV substations | | | | | | | |
| MACEDONIA | Macedonia Electric Sector Rehabilitation & privatisation | | | (AB)* | 2002 | | 125,000 US\$ | Government of Macedonia |
| MALAYSIA | GIS substations project | | | | 2002 | | 25,000 US\$ | TNB -Tenaga Nasional Berhad |
| REP. MOLDAVIA | Ohrei Co-generation Thermal power plant project | 100 MW | 45 | A B C D V | 1999 | | 150,000 US\$ | Ohrei Co. Pg Group Ltd Italian investors Moldtranselector Chishinau |
| MONGOLIA | Egin Hydroelectric plant: | | | | | ADB | 1,500,000 US\$ | CES Central Energy System |
| | - RCC dam | | | | | | + | |
| | - Power plant 4 units x 55 MW | 70 km | 300 | B C D * | 1992-1993 | | 500,000 US\$ | |
| | - 220 kV transmission line | | | | | | | |
| NEPAL- INDIA | Pancheswar multipurpose project: | 7200 MW | | | | | 1,000,000 US\$ | Nepal Gov.-Ministry of Hydraulic Resources |
| | - power | h = 305 m | - | A B V | 1989-1992 | | | |
| | - concrete dam | 40 000 ha | | | | | | |
| | - irrigation | | | | | | | |
| NICARAGUA | Momotombo Geothermal Field and PP | | | | 1995-1997 | | 700,000 US\$ | ENEL Empresa Nicaraguense de Electricidad |
| PERU | Mantaro HPP | 7 groups 650 MW | | | 2004 | | | |
| | Mantaro HPP – Turbines | | | AP | 2002 | | 100,000 US\$ | Electroperu |
| | Southern Peru electric system extension plan | 780 MW | | | | | | |
| | - installed capacity | 880 Km | - | B C D | 1993 | | | |
| | - 138 kV lines | | | | | | | |
| | Majes pilot irrigation Project: | 3 000 ha | 37 | H I L P | 1984-1993 | Eu Italian | 1,800,000 US\$ | DEPEMA Direccion Ejecutive del |
| | - 3 villages | | | | | | | |

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| | - road system - 494 farms | 80 km | | | | Gov. | | Proyecto Majes |
| PHILIPPINES | Kalayaan HPP BOT project: - 2 generation-pumping units | 300 MW | 150 | D E H I | 1998-2003 | | | |
| | CBK (Caliraya Botocan Kalayaan) Project | | | | 1996 on going | BOT IMPSA | 3,400,000 US\$ | IMPSA |
| | Palawaan II agriculture development project: - irrigation | 4 500 ha | - | F H * | 1992-1995 | | 1,200,000 US\$ | NIA National Irrigation Administration |
| | Malitubog Maridagao Irrigation develop. projec: - irrigated area - canals development | 13 100 ha 190 Km | - | C D E H V * | 1985-1987 1991-1998 | ADB | ? | NIA National Irrigation Administration |
| | Water resources development project | 100 000 ha | - | A | 1994 | IBRD | 1,500,000 US\$ | NIA National Irrigation Administration |
| | CASECNAN Pure Power Scheme | | | | 1992-1994 | | 600,000 US\$ | NPC National Power Corporation |
| | ISIP –II Second Irrigation System Improvement Project | | | | 1993 - 1995 | ADB | 600,000 US\$ | NIA National Irrigation Administration |
| | Agos hydroelectric project: - RCC dam - power station | h = 177 m 288 MW | 400 | B C V * | 1991-1992 | | 400,000 US\$ | NPC National Power Corporation |
| | Binongam hydroelectric project: - RCC dam - power station | h = 110 m 178 MW | 285 | B C V * | 1991-1992 | | 400,000 US\$ | NPC National Power Corporation |
| | Agbulu hydroelectric project: - Rockfill dam - power plant (3 units of 120 MW) | h = 233 m 360 MW | 508 | B C V * | 1990-1992 | | 700,000 US\$ | NPC National Power Corporation |
| | Bulanog Batang Hydroelectric Project | | | | 1990-1991 | | 1,200,000 US\$ | NPC National Power Corporation |
| | TIWI Geothermal Field and PP | | | | 1988-1990 | Client's Funds | 400,000 US\$ | NPC National Power Corporation |
| | Balog Balog Multipurpose Project | | | | 1978-1991 | | 2,400,000 US\$ | NIA National Irrigation Administration |
| QATAR | RAS ABU Fontas "B" Power and Desalination | | | | 1994-1995 | | ? | ABB |

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| RUSSIA | Analysis of Method to Assess Cost of Modernizing or Replacing Turbines | | | | 2004 | | 600,000 US\$ | Unified Energy System Of Russia (RAO UERS) |
| | Electricity Sector Reform Support Projects | | | A | 2003 | | | |
| | Restructuring Russian CHP system | | | C | 2003 | | | |
| SENEGAL | Power Sector Privatisation Project | | | A | 1998 | IBRD | 200,000 US\$ | SENELEC |
| | Acquisition of Senegal AES | | | AE | 2001 | IBRD | 150,000 US\$ | SENELEC |
| | Cayor Canal: - length - flow rate - water velocity - mean gradient - lining area (m2) | 240 km 18 m ³ /s 0.5-0.9 m/s 0.01% 6.200.000 | 450 | C D * | 1991-1994 | ADB | 1,500,000 US\$ | Ministry of Agricultural Develop. Ministry of Hydraulics Dakar |
| SERBIA MONTENEGRO | Feasibility Studies on Co-generation in Serbia | | | C | 2004 | | | |
| SLOVENIA | Drava river Hydroelectric power plants: - Dravograd HPP - Vuzenice HPP - Mariborski otok HPP | 3 x 9.5 MW 3 x 20.5 MW 3 x 21.5 MW | - | A B E M | 1993-1994 | EBRD | 170,000 US\$ | EBRD |
| SPAIN | Small HPP Evaluation | | | | 1993-1994 | | 180,000 US\$ | Mission Energy Ltd HIBV – Iberian Hi-Power BV |
| SOUTH EAST ASIA | 500 kV GIS | | | AD | 2002 | | | |
| SYRIA | Al Nasserien Power Plant | | | | 1995-1996 | | 100,000 US\$ | FIAT AVIO S.p.A Power Division |
| THAILAND | Medium Scale | | | | 1983-1989 | | 1,200,000 US\$ | |
| TOGO | Mono River 4 | | | | 1995 | | | |
| TUNISIA | Improvement of Irrigation Sector Management | 150,000 ha | | ACFE | 1994-1997 | EU | 800,000 US\$ | Ministry of Agriculture |
| | Bir Micherga Gas Turbine | 2X130 MW | | EF | 1994 | | 200,000 US\$ | Filippo Foschi Energia s.r.c |

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| TURKEY | Gezende Hydroelectric Project | | | | 1986-1992 | | 1,600,000 US\$ | BM Engineering and Construction DSI – Devlet Su Isleri Ankara |
| UKRAINE | Dniester Hydroelectric Power Plant - dam - net head - energy | h = 26 m 136 m 1 000 MW | - | CD | 1996-1998 | IBRD | 600,000 US\$ | Dniester Hydro Ergo |
| URUGUAY | Repowering oil vs. gas Unit 6 thermal power station "La Tablada" Repowering oil vs. gas and conversion CCGT thermal power station " La Battle " | 250 MW 250 MW | 0.55 | E H I L * * | 2001-2003 | UTE | 250,000 US\$ | UTE |
| | 400 MW Combined Cycle Power Plant | | | | 2003 | Client's Funds | 600,000 US\$ | UTE |
| UZBEKISTAN | Uzbekistan – Dam Safety | | | C | 1997 | | 32,000 US\$ | IBRD |
| VIETNAM | Hoc Mon - North Binh Chang irrigation project (stage 1) | 12 700 ha. | - | A C D | 1993-1994 | IBRD | 400,000 US\$ | Ministry of Water Resources |
| | Hoc Mon - North Binh Chang irrigation project (stage 2) | | | | 1995-1996 | IBRD | 150,000 US\$ | Ministry of Water Resources |
| | Power Distribution Rehabilitation in three cities - HV transmission lines - MV transmission lines - MV distribution lines - 115/22 kV new substations | 50 km 230 km 1 200 6 | - | C D E F H L * | 1997-2001 | ADB | 650,000 US\$ | Power Company n.1 (PC1) Electricity of Vietnam |

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