

Annex 3: FY07 Renewable Energy and Energy Efficiency Projects (millions of U.S. dollars)

No.	Country	Project name	Energy type	Financing sources	RE or EE component financing
Africa Region					
1	Congo/Africa	Regional & Domestic Power Market Development Project	Hydro > 10 MW	IDA	272.97
2	Ghana	Urban Transport Project	EE (urban transport)	GEF	7.00
3	Kenya	Olkaria II Geothermal Expansion Project	Geothermal	Carbon Finance	8.70
4	Madagascar	Power/Water Sector Recovery and Restructuring Project	Small hydro	IDA	3.00
5	Nigeria	Aba Cogeneration Project	EE (Cogeneration)	Carbon Finance	9.00
6	Senegal	Felou Hydro Project	Hydro > 10 MW	Carbon Finance	3.11
7	Senegal	Vicat-SOCOCIM	EE	IFC	17.53
8	South Africa	Renewable Energy Market Transformation Project	Biomass, solar, small-scale hydro	GEF	6.00
9	Uganda	Private Power Generation (Bujagali) Project	Hydro > 10 MW	MIGA IFC IDA Guarantees	115.00 130.00 115.00
10	Uganda	Power Sector Development Project	EE	IDA	6.00
11	Uganda	Umeme Limited (Globeleq ConCo)	EE (Transmission & Distribution)	MIGA	39.60
12	Uganda	West Nile Electrification Project	Solar PV and other new renewables	Carbon Finance	2.55
East Asia and Pacific Region					
13	China	Bank of Beijing (CHUEE)	EE	IFC	18.00
14	China	CDCF Hubei Guangrun Hydropower Project	Hydro > 10 MW	Carbon Finance	4.61
15	China	Huitengxile Wind Farm	Wind	Carbon Finance	15.20
16	China	Tianjin Shuangko	Waste energy	Carbon Finance	1.16
17	China	Tinarui Cement	EE	IFC	1.97
18	China	Yunnan Hydropower Project	Hydro > 10 MW	Carbon Finance	19.25
19	Lao PDR	GMS Power Trade Project	Hydro > 10 MW	IDA	2.10
20	Mongolia	Renewable Energy for Rural Access Project	Solar PV, wind	GEF	3.50
21	Mongolia	Renewable Energy for Rural Access Project	Solar Home Systems, wind, renewable-diesel hybrid system	IDA	3.15
22	Pacific Islands	Sustainable Energy Finance Project	Solar PV, pico-hydro and bio-diesel	GEF	9.48
23	Philippines	MWC III	EE	IFC	4.39
24	Philippines	Northern Negros Geothermal Power Project	Geothermal	Carbon Finance	9.36
25	Philippines	PNOC-EDC	Geothermal	IFC	49.30
26	Timor-Leste	Energy Services Delivery Project	RE, including wind	IDA	1.63

Europe and Central Asia Region

27	Europe and Central Asia	GeoFund 1	Geothermal	GEF	4.53
28	Bosnia	EKI	EE	IFC	0.77
29	Macedonia, Former Yugoslav Republic	Sustainable Energy Project	New renewables, including solar, hydro, biomass, EE	GEF	5.00
30	Poland	Puck Wind Farm Project	Wind	Carbon Finance	2.44
31	Russian Federation	MDM Bank	EE	IFC	50.00
32	Serbia	Energy Efficiency Additional Financing Project	EE	IBRD	27.16
33	Serbia	Pro-Credit Serbia	EE	IFC	19.10
34	Ukraine	Hydropower Rehabilitation – Proto Carbon Finance Project	Hydro > 10 MW	Carbon Finance	7.15
35	Ukraine	Sandora II	EE	IFC	0.40

Latin America & Caribbean Region

36	Brazil	Bauducco	EE	IFC	1.08
37	Brazil	Bertin LTD	EE Cattle waste fat bio-diesel	IFC IFC	1.62 1.62
38	Brazil	Lages Cogen Facility	Biomass Cogeneration	Carbon Finance	7.50
39	Brazil	Vale do Parana	Bagasse Cogeneration	IFC	5.95
40	Chile	Hidromaule	20 MW	IFC	9.70
41	Colombia	Furatena Energy Efficiency Project	EE	Carbon Finance	0.66
42	Mexico	CFE Wind Farm Project	Wind	Carbon Finance	1.22
43	Mexico	Hybrid Solar Thermal Integrated Cycle Project	Solar Thermal	GEF	49.35
44	Mexico	Umbrella Waste Management Project	Waste energy	Carbon Finance	1.56
45	Mexico	Wind Umbrella Project	Wind	Carbon Finance	16.73
46	Nicaragua	Nicaragua Sugar	Bagasse cogeneration	IFC	3.25
47	Peru	BBVA Continental	New renewable energy credit-line to bank EE	IFC IFC	8.40 19.60
48	Peru	Laredo Expansion	EE	IFC	0.84
49	Uruguay	Orion	Pulp and paper biomass cogeneration	IFC	4.20

Middle East and North Africa Region

50	Iraq	Dokan & Derbankdikhan Emergency Hydropower Project	Hydro > 10 MW	IDA	40.00
51	Morocco	Integrated Solar Combined Cycle Power Project	Solar Thermal	GEF	43.20
52	Morocco	Energy Sector Development Policy Loan	Solar, wind EE	IBRD IBRD	22.00 16.00

South Asia Region

53	India	Allain Duhangan Hydro Project	Hydro > 10 MW	Carbon Finance	31.73
54	India	Balrampur II	Biomass cogeneration	IFC	10.40
55	India	BHSL	Biomass cogeneration + ethanol	IFC	15.30
56	India	CCIL II	EE	IFC	3.91
57	India	CF IHDC	Small hydro	IFC-Carbon	7.40
58	India	Electrotherm	EE	IFC	2.60
59	India	Moser Baer Photovoltaic Ltd. (MBPV)	Export-oriented solar PV manufacturing plant investment with 80 MW p.a. production capacity	IFC	22.50
60	India	MSPL	Two wind projects of 37 MW	IFC	33.00
61	India	West Coast Paper	EE	IFC	14.60
62	Nepal	Nepal Village Micro Hydro Carbon Offset Project	Micro-hydro	Carbon Finance	1.96
63	Sri Lanka	Technical Assistance to the Ministry of Public Works	Small hydro, solar home systems, bio-energy	IDA	40.00

Notes: RE stands for renewable energy, and EE stands for energy efficiency.

In the absence of a precise methodology, the IFC assesses the percentage of IFC investment in proportion to the full project cost and applies that proportion to the full RE/EE project value. For more details, see "Choices Matter: 2005 Sustainability Report" at www.ifc.org/SustainabilityReport/.

Fuel cells are categorized as RE by IFC regardless of whether the energy resource used to generating the hydrogen has been a fossil fuel or renewable energy resource. For the World Bank and *for this report*, fuel cells are only filed as renewable energy of the energy resource used to generating hydrogen is a renewable energy resource.

Hydropower rehabilitation projects, which do not result in greater output, are classified as EE by the WBG.