

Annex A.1.21

ANNUAL INVESTMENT REQUIREMENTS By Sector
(In Billion Pesos, PhP)

Sector	2005			2006			2007			2008			2009			2010		
	Gov't	Private	Total	Gov't	Private	Total	Gov't	Private	Total	Gov't	Private	Total	Gov't	Private	Total	Gov't	Private	Total
Fossil Fuels																		
Oil and Gas	-	23.62	23.62	-	23.47	23.47	-	42.97	42.97	-	43.25	43.25	-	42.04	42.04	-	57.84	57.84
Coal	-	2.54	2.54	-	3.01	3.01	-	6.74	6.74	-	12.94	12.94	-	24.45	24.45	-	18.89	18.89
Renewable Energy Resource																		
Geothermal	1.90	0.29	2.19	3.72	2.06	5.78	6.58	6.24	13.10	9.47	5.64	15.11	7.17	7.99	15.16	7.54	6.18	13.72
Hydropower	0.66	4.58	5.23	6.18	7.73	13.90	9.71	10.13	19.84	1.46	13.04	15.30	1.36	12.20	13.58	2.12	13.80	15.96
Biomass	-	-	-	-	12.36	12.36	-	-	-	-	-	-	-	-	-	-	-	-
Wind	-	4.05	4.05	-	14.18	14.18	-	12.84	12.84	-	-	-	-	12.83	12.83	-	-	-
Alternative Transport Fuels	-	3.05	3.05	-	10.60	10.60	-	20.90	20.90	-	1.00	1.00	-	-	-	-	16.00	16.00
Energy Efficiency and Conservation	0.74	2.12	2.86	0.77	2.59	3.35	0.80	3.13	3.93	0.83	3.79	4.61	0.86	4.37	5.23	0.89	4.97	5.86
Power and Transmission Development																		
Main Grid	-	3.306-3.306	3.306-3.306	-	-	-	-	31.692-31.692	31.692-31.692	-	19.25-19.25	19.25-19.25	-	2.40-2.40	2.40-2.40	-	-	-
Small Island Grid* (2005-2009)	-	5.13	5.13	-	3.66	3.66	-	4.99	4.99	-	5.38	5.38	-	6.08	6.08	-	-	-
Expanded Rural Electrification	-	-	-	0.79	0.34	1.13	0.60	0.89	1.49	0.54	0.73	1.27	-	-	-	-	-	-
Downstream																		
Oil (As of September 2005)	-	28.40	28.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-	-	1.21	1.21	-	0.10	0.10	-	25.30	25.30	-	156.19	156.19

* Based on the MEDP 2005-2009

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ANNUAL INVESTMENT REQUIREMENTS By

(In Billion Pesos, PhP)

Sector	2011			2012			2013			2014			Grand Total		
	Gov't	Private	Total	Gov't	Private	Total	Gov't	Private	Total	Gov't	Private	Total	Gov't	Private	Total
Fossil Fuels															580.01
Oil and Gas	-	57.11	57.11	-	56.31	56.31	-	52.05	52.05	-	46.94	46.94	-	445.61	445.61
Coal	-	20.93	20.93	-	20.68	20.68	-	13.11	13.11	-	11.11	11.11	-	134.4	134.40
Renewable Energy Resource															251.10
Geothermal	6.13	4.69	10.82	2.47	2.79	5.27	2.19	1.37	3.56	1.57	1.10	2.67	49.01	38.36	87.37
Hydropower	3.16	6.28	9.44	5.41	-	5.41	6.07	-	6.07	-	-	-	36.14	68.63	104.76
Biomass	-	-	-	-	-	-	-	-	-	-	-	-	-	12.36	12.36
Wind	-	2.7	2.7	-	-	-	-	-	-	-	-	-	-	46.61	46.61
Alternative Transport Fuels															64.55
	-	-	-	-	-	-	-	-	-	-	13.00	13.00	-	64.55	64.55
Energy Efficiency and Conservation															56.39
	0.93	5.71	6.64	0.97	6.48	7.45	1.00	7.08	8.08	1.02	7.37	8.38	8.78	47.61	56.39
Power and Transmission Development															257.05-261.36
Main Grid	-	-	-	-	-	-	-	-	-	-	-	-	-	227.92-232.23	227.92-232.23
Small Island Grid* (2005-2009)	-	-	-	-	-	-	-	-	-	-	-	-	-	25.24	25.24
Expanded Rural Electrification	-	-	-	-	-	-	-	-	-	-	-	-	1.93	1.96	3.89
Downstream															332.32
Oil (As of September 2005)	-	-	-	-	-	-	-	-	-	-	-	-	-	28.40	28.40
Natural Gas	-	35.34	35.34	-	35.71	35.71	-	25.56	25.56	-	24.50	24.50	-	303.92	303.92

* Based on the MEDP 2005-2009