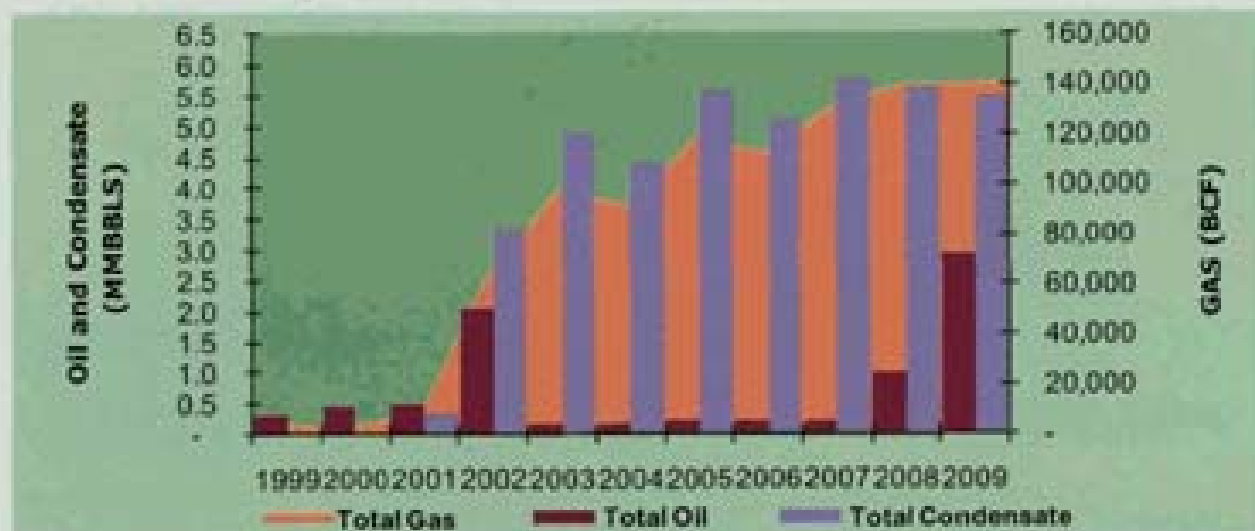


# Indigenous Energy Resource Development

## Fossil Fuels Production

### Oil and Gas



	1999	2000	2001	2002	2003	2004
<b>In MMBBLS</b>						
Total Oil	0.31	0.42	0.47	2.02	0.15	0.14
Nido	0.04	0.19	0.15	0.15	0.08	0.08
Matinloc	0.24	0.22	0.16	0.11	0.07	0.06
North Matinloc	0.03	0.02	0.00	-	-	-
Galoc	-	-	-	-	-	-
Malampaya Oil	-	-	0.17	1.76	-	-
Total Condensate	-	-	0.30	3.33	4.86	4.40
Malampaya Condensate	-	-	0.30	3.33	4.86	4.40
<b>In MMSCF</b>						
Total Gas	253.25	375.90	4,951.27	62,204.97	94,806.82	87,557.25
San Antonio	253.25	375.90	111.59	82.68	276.54	285.08
Malampaya Gas	-	-	4,839.68	62,122.29	94,530.28	87,272.17

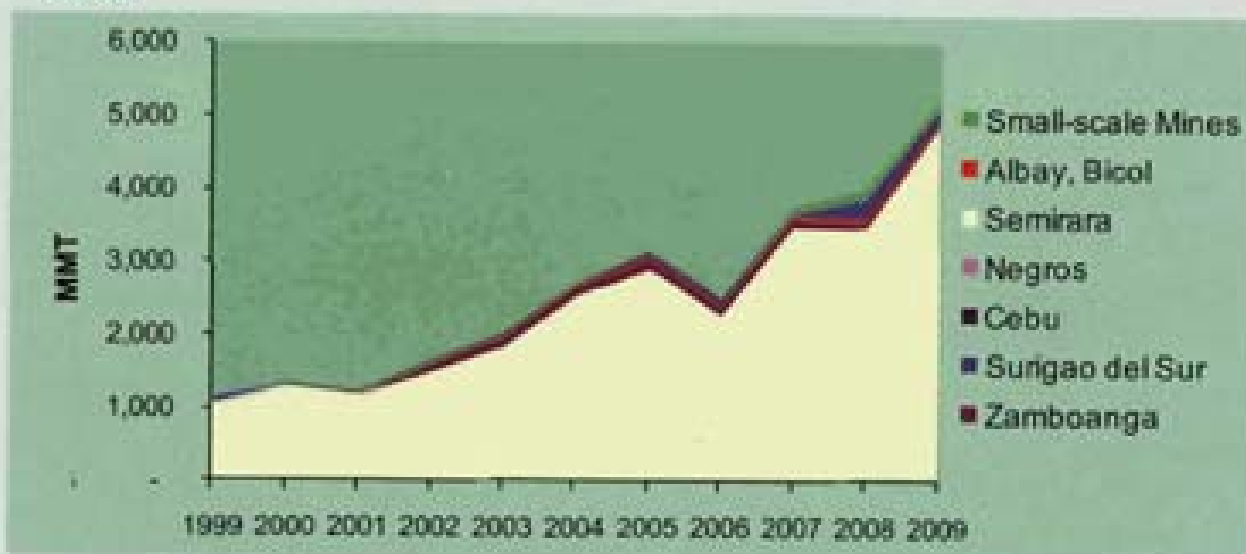
	2005	2006	2007	2008	2009	AAGR*
<b>In MMBBLS</b>						
Total Oil	0.21	0.18	0.18	0.96	2.92	25%
Nido	0.12	0.12	0.10	0.09	0.08	8%
Matinloc	0.09	0.06	0.08	0.05	0.07	-12%
North Matinloc	-	-	-	-	0.03	0%
Galoc	-	-	-	0.83	2.74	-
Malampaya Oil	-	-	-	-	-	-
Total Condensate	5.58	5.12	5.75	5.61	5.46	43%
Malampaya Condensate	5.58	5.12	5.75	5.61	5.46	43%
<b>In MMSCF</b>						
Total Gas	115,966.24	108,606.46	130,210.84	137,072.49	138,029.79	52%
San Antonio	93.64	327.69	324.80	186.63	-	-3%
Malampaya Gas	115,872.60	108,278.77	129,886.04	136,885.86	138,029.79	52%

\*average annual growth rate

# Indigenous Energy Resource Development

## Fossil Fuels Production

### Coal



### In MMT

	1999	2000	2001	2002	2003	2004
Semirara	1,058	1,306	1,190	1,515	1,858	2,545
Zamboanga	6	-	1	102	122	135
Cebu	22	18	22	20	30	21
Negros	-	-	2	7	6	13
Sungao del Sur	76	6	-	-	-	3
Albay, Bicol	10	10	9	9	1	-
Small-scale Mines	-	10	6	11	13	11
<b>Total Production*</b>	<b>1,177</b>	<b>1,353</b>	<b>1,230</b>	<b>1,665</b>	<b>2,032</b>	<b>2,726</b>

	2005	2006	2007	2008	2009	AAGR**
Semirara	2,918	2,293	3,498	3,472	4,847	16.4%
Zamboanga	137	111	110	65	31	17.9%
Cebu	42	37	15	31	24	0.6%
Albay, Bicol	21	25	26	53	50	26.3%
Sungao del Sur	35	45	11	238	121	4.8%
Negros	-	5	1	1	-	-
Small-scale Mines	11	14	76	117	103	-
<b>Total Production*</b>	<b>3,164</b>	<b>2,531</b>	<b>3,737</b>	<b>3,977</b>	<b>5,176</b>	<b>16.0%</b>

\*Run-Of-Mine

\*\*average annual growth rate

# Indigenous Energy Resource Development

## Renewable Energy Production

### Geothermal

	1999	2000	2001	2002	2003	2004
Proven Steam Capacity (MW)	2,017.0	2,017.0	2,017.0	2,017.0	2,017.0	2,017.0
Installed Generating Capacity (Cumulative, MW)	1,909.0	1,909.0	1,931.0	1,931.0	1,931.0	1,931.0
Electricity Generation (GWh)	10,576.7	11,317.1	10,381.0	10,248.0	9,419.0	10,280.8
	2005	2006	2007	2008	2009	
Proven Steam Capacity (MW)	1,628.6	1,797.0	2,082.2	1,558.7	1,943.9	
Installed Generating Capacity (Cumulative, MW)	1,978.0	1,978.0	1,958.0	1,858.4	1,953.2	
Electricity Generation (GWh)	9,902.5	10,465.0	10,214.7	10,722.8	10,323.8	

### Hydropower

	1999	2000	2001	2002	2003	2004
Installed Generating Capacity (MW)	2,301.0	2,301.0	2,518.0	2,518.0	2,867.0	3,217.0
Electricity Generation (GWh)	7,840.0	7,799.0	7,104.0	7,033.0	7,870.0	8,593.0
	2005	2006	2007	2008	2009	
Installed Generating Capacity (MW)	3,223.0	3,257.0	3,289.0	3,291.5	3,291.4	
Electricity Generation (GWh)	8,387.0	9,939.0	8,563.4	9,842.5	9,787.6	

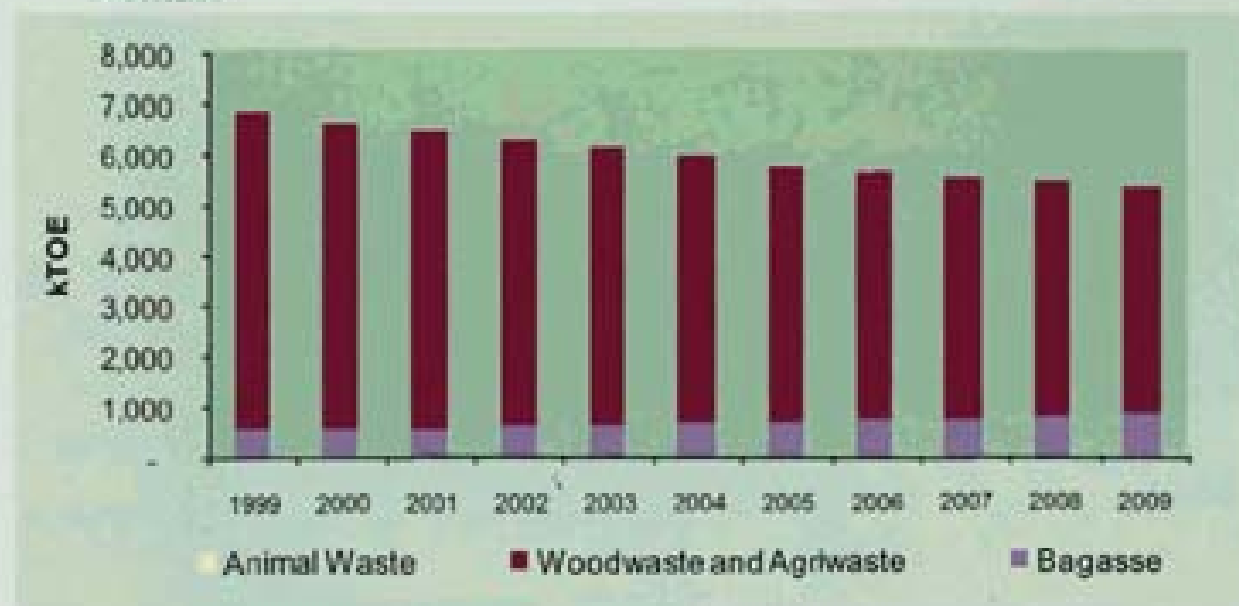
### Wind/Solar

	2005	2006	2007	2008	2009
Installed Generating Capacity (MW)	25.7	26.0	26.0	34.0	64.0
Electricity Generation (GWh)	19.0	54.6	59.2	62.7	79.4

# Indigenous Energy Resource Development

## Renewable Energy Production

### Biomass



### in kTOE

	1999	2000	2001	2002	2003	2004
Bagasse	562	585	608	632	658	684
Woodwaste and Agrwaste	6,278	6,073	5,869	5,666	5,464	5,263
Animal Waste	12	12	13	13	14	14
<b>Total</b>	<b>6,852</b>	<b>6,670</b>	<b>6,490</b>	<b>6,312</b>	<b>6,136</b>	<b>5,961</b>

	2005	2006	2007	2008	2009
Bagasse	711	740	769	800	839
Woodwaste and Agrwaste	5,040	4,897	4,775	4,657	4,522
Animal Waste	15	16	16	17	18
<b>Total</b>	<b>5,766</b>	<b>5,652</b>	<b>5,561</b>	<b>5,474</b>	<b>5,378</b>