



Engr. JAYSON G. CORPUZ

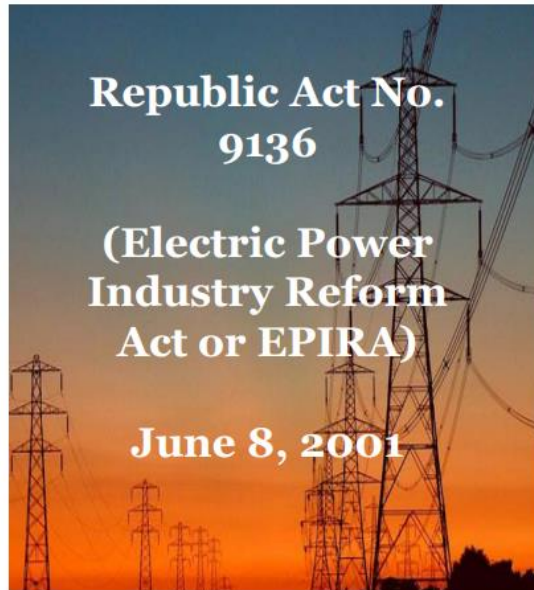
**Chief , Renewable Energy Division
Market Operations Service
ENERGY REGULATORY COMMISSION (ERC)**



Accelerating Renewable Energy Adoption in Industries

ENGR. JAYSON G. CORPUZ
Chief, Renewable Energy Division
Market Operations Service

ERC's Mandate & Role



Sec. 38 of EPIRA
"There is hereby created an independent, quasi-judicial regulatory body to be named the Energy Regulatory Commission (ERC)."

THE COMMISSION

Promote competition

Monitor the Market

Encourage market development

Ensure customer choice

Penalize abuse of market power



Alexis M. Lumbatan
Commissioner



Catherine P. Maceda
Commissioner



Monalisa C. Dimalanta
Chairperson & CEO



Floresinda G. Baldo-Digal
Commissioner



Marko Romeo L. Fuentes
Commissioner

Pre-RE Act (2008) Condition



Philippines	2003	2004	2005	2006	2007	2008
Coal	3,958	3,967	3,967	4,177	4,213	4,213
Oil Based	3,604	3,669	3,663	3,602	3,616	3,353
Natural Gas	2,763	2,763	2,763	2,763	2,834	2,831
Renewable Energy (RE)	4,799	5,149	5,226	5,261	5,277	5,284
Geothermal	1,932	1,932	1,978	1,978	1,958	1,958
Hydro	2,867	3,217	3,222	3,257	3,293	3,291
Biomass	0	0	0	0	0	0
Solar	0	0	1	1	1	1
Wind	0	0	25	25	25	33
Total	15,124	15,548	15,619	15,803	15,941	15,681

Accelerate exploration & development of RE resources

To achieve self-reliance through adoption of sustainable energy development strategies. This will reduce dependence on fossil fuels, hence, minimize exposure to price fluctuations in the international markets.

Establish necessary infrastructure & mechanisms

Renewable Energy Act of 2008

Republic Act No. 9513

Effectively prevent or reduce harmful emissions

Balance the goals of Economic Growth and Development with the Protection of Health and Environment

Increase RE Utilization

- * Provide Fiscal & Non-Fiscal Incentives to promote RE's efficient and cost-effective commercial application.
- * Institutionalize the development of national and local capabilities in the use of RE systems.

Installations after RE Act



Philippines	2008	2009	2010	2011	2012	2013	2014	2015
Coal	4,213	4,277	4,867	4,917	5,568	5,568	5,708	5,963
Oil Based	3,353	3,193	3,193	2,994	3,074	3,353	3,476	3,610
Natural Gas	2,831	2,831	2,861	2,861	2,862	2,862	2,862	2,862
Renewable Energy (RE)	5,284	5,309	5,437	5,391	5,521	5,541	5,898	6,330
<i>Geothermal</i>	1,958	1,953	1,966	1,783	1,848	1,868	1,918	1,917
<i>Hydro</i>	3,291	3,291	3,400	3,491	3,521	3,521	3,543	3,600
<i>Biomass</i>	0	30	38	83	119	119	131	221
<i>Solar</i>	1	1	1	1	1	1	23	165
<i>Wind</i>	33	33	33	33	33	33	283	427
Total	15,681	15,610	16,358	16,162	17,025	17,325	17,944	18,765
<i>BESS</i>								
<i>Off Grid</i>								

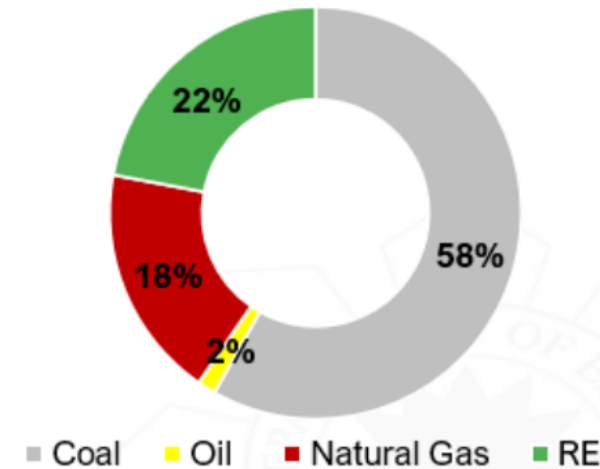
Energy Mix (2021)



Installed Capacity - 26,286 MW



Gross Generation - 106,115 GWh



In 2021, RE comprised 29% of the installed capacity and 22% of the gross power generation of the country.

Renewable Energy Mix (2021)

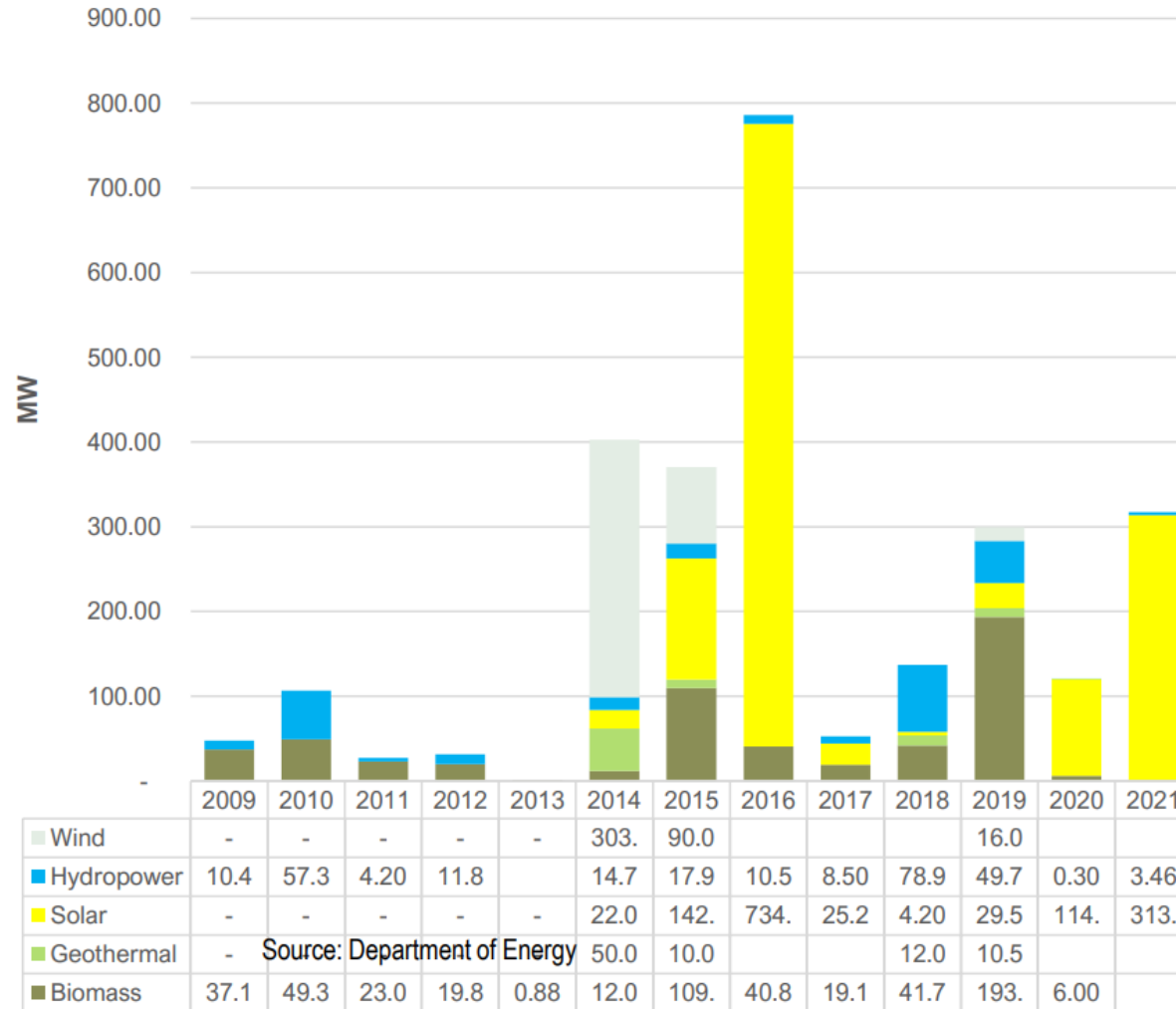


Installed Capacity - 7,914 MW
(29%)

Gross Generation – 23,771 GWh
(22%)



RE Capacity Addition (2009-2021)



2,699.79 MW

of additional RE Installations
since the effectivity of RE Act in 2009

PhP 262.02 B

estimated cost of investments

189,023

estimated Green Jobs Created

**25.973 Million
tons**

estimated GHG Emission Reduction

2 Pronged Approach



**Encourage
Additional
Supply**

**Manage the
Demand**

Encourage Additional Supply

- ✓ Feed-in Tariff Program
- ✓ Power Supply Agreements
- ✓ Green Energy Auction Program
- ✓ Renewable Portfolio Standards



Manage the Demand

- Net-Metering Program
- Green Energy Option Program
- Distributed Energy Resources



Energy
Efficiency

New Developments



**Energy Storage
System**

Electric Vehicle



The Energy Transition



#PowerforthePeople

Thank you.



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