

OVERVIEW

Philippines

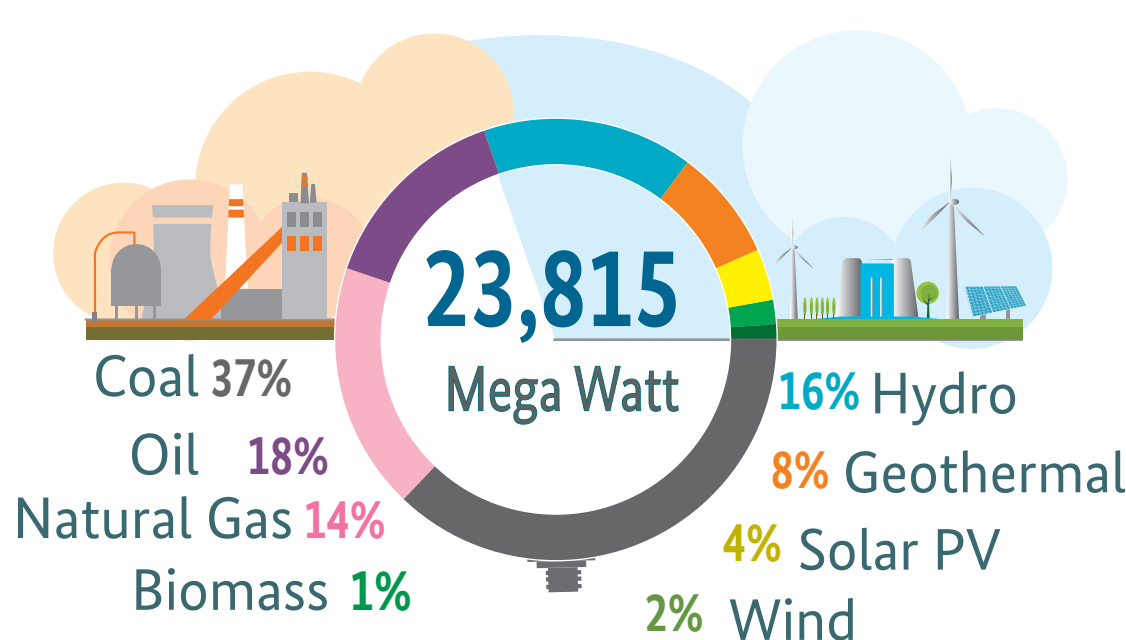


★ Manila
 👤 106,598,600
 *as of 2019

🌐 300,000 km²

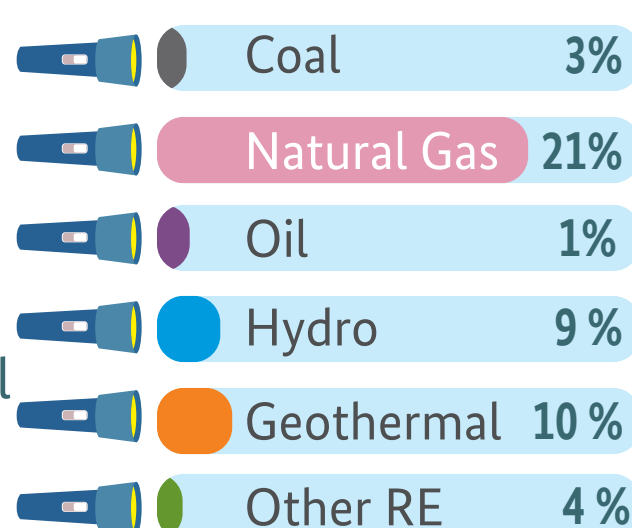
Electrification
 ⚡ 95.3 %

2018 Installed Capacity



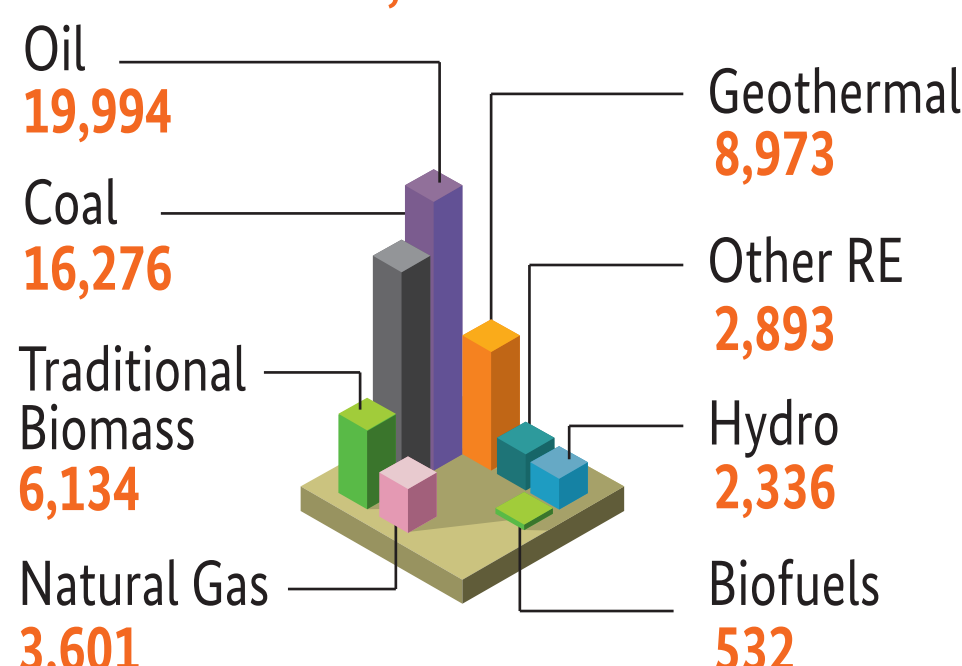
2018 Power Generation

99,765 GWh

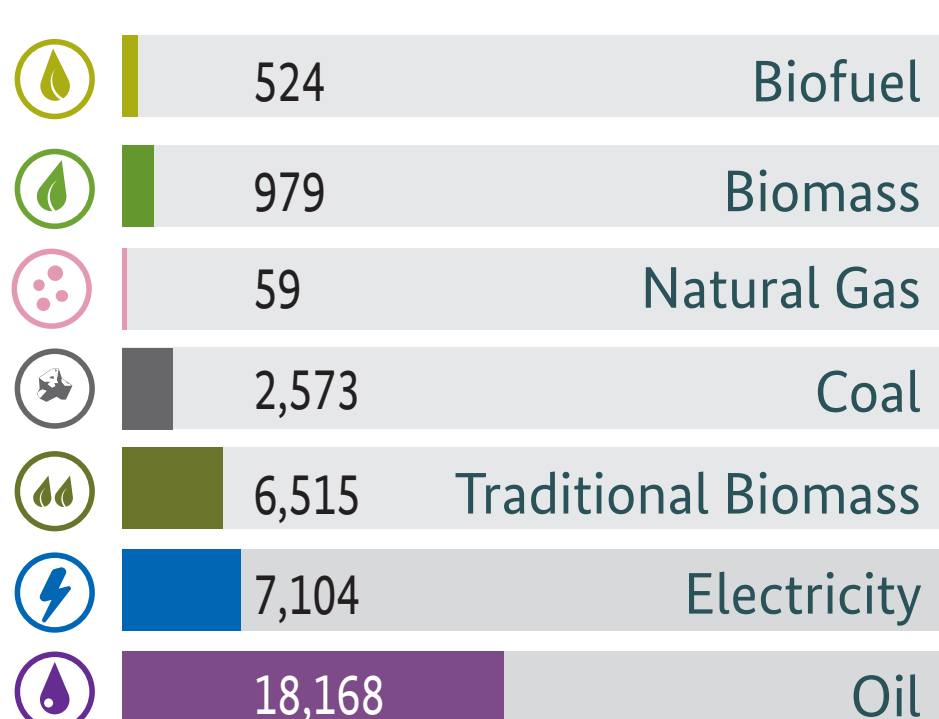


2018 Energy Supply

60,739 Ktoe

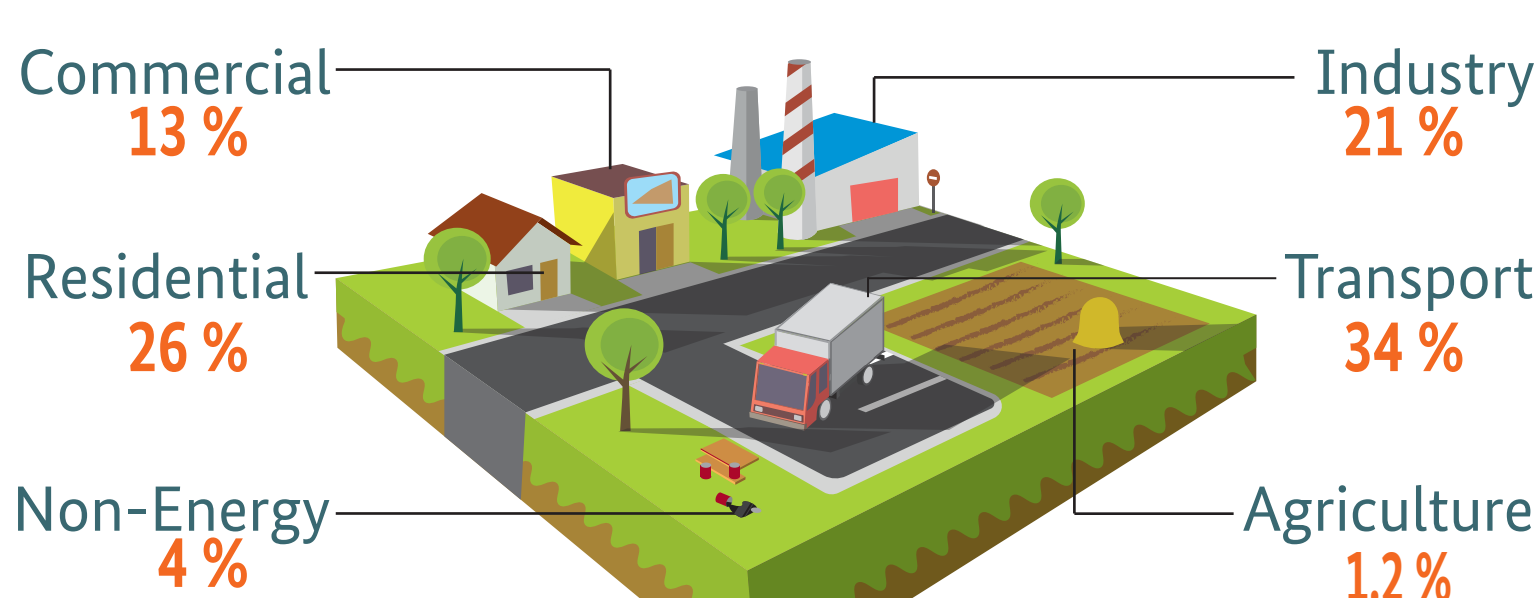


2018 Final Energy Consumption by Fuel (Ktoe)



2018 Fuel Consumption by Sector

35,723 Ktoe



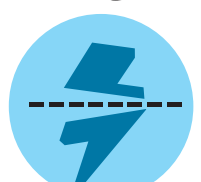
Ktoe = Kilotonne of Oil Equivalent

NATIONAL POLICY



Philippine Development Plan (PDP) 2017-2022

Pursuing development of RE such as wind and solar, continuing the implementation of EE&C program, reviewing mandated biofuels



2017

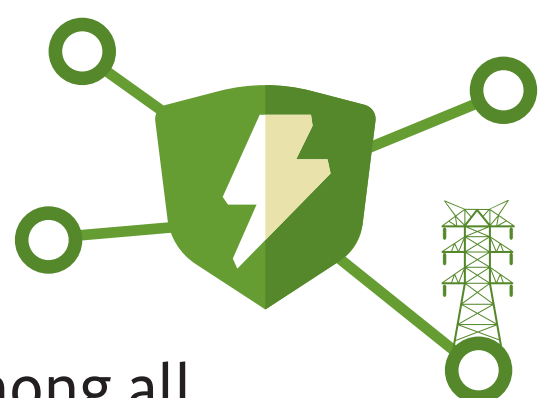
Energy Efficiency and Conservation Roadmap 2017-2040

Integrating the identified opportunities with existing energy efficiency policy instruments and strategies

Philippine Energy Plan (PEP) 2016-2030

- Ensure energy security
- Expand energy access
- Promote low-carbon
- Stngthen Collaboration among all government agencies involved in Energy

2016



Energy Efficiency and Conservation Action Plan 2016-2020

Ensuring maximum injection of intermittent and FIT-eligible generation while maintaining system security at all times

2015

Department Circular No. 2015-03-0001

Promulgating the Framework for the implementation of **Must Dispatch and Priority Dispatch** of renewable energy resources in the wholesale electricity spot market

An Energy Efficiency Roadmap for the Philippines 2014-2030

2014

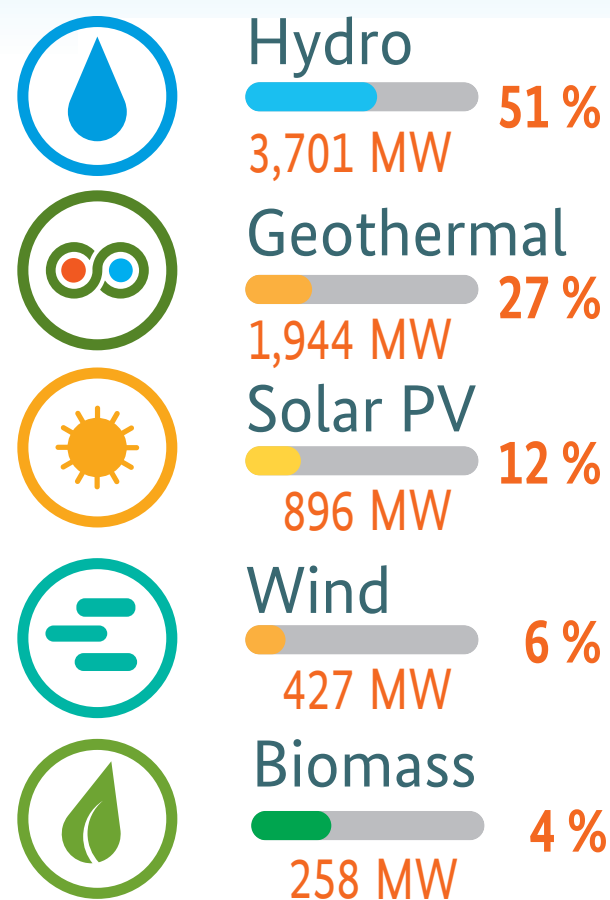
Detailing the outline of a strategic plan that is directed at creating a more energy efficient across sectors

*as of 2019

ACTIVITIES

RENEWABLE ENERGY

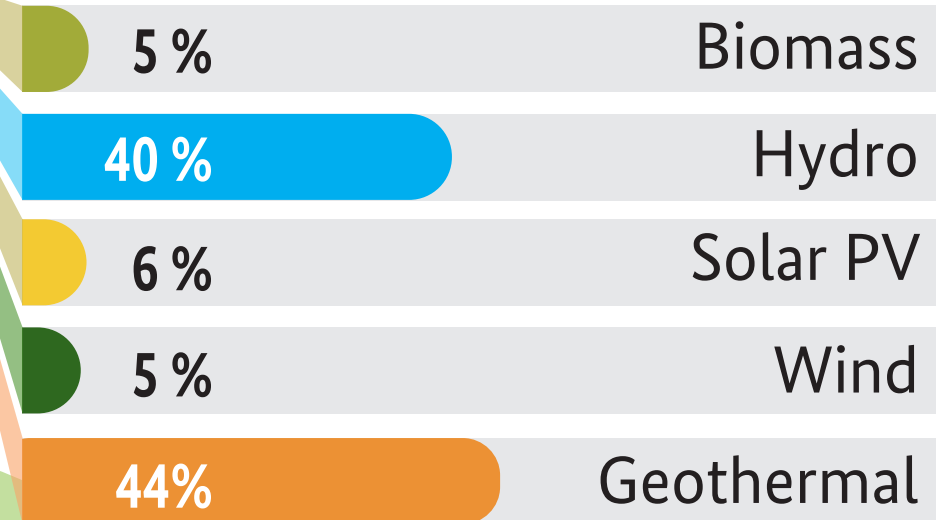
2018 RE Installed Capacity



7,226 MW

2018 RE Power Generation

23,326 GWh



ENERGY EFFICIENCY

Energy Efficiency Conservation Roadmap 2017 - 2040



Reducing 1.6% per year until 2040



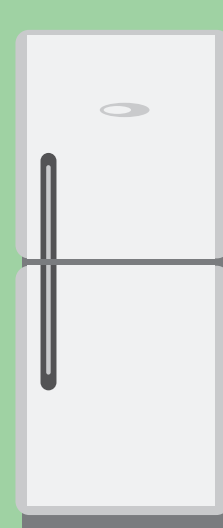
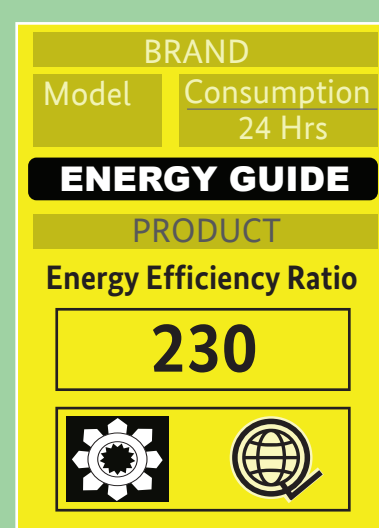
Energy intensity improvement 3 % per year until 2040

Energy Service Companies (ESCOs) Accreditation

Energy Standards and Labeling

Energy Labeling Approved in Philippines

September 2019



$$EER = \frac{\text{Cooling Capacity}}{\text{Power Consumption}}$$

Higher EER (Energy Efficiency Ratio) means lower operating cost

March 2015

Higher Efficacy means more saving.

