

NATIONAL ELECTRIFICATION ADMINISTRATION



PHILIPPINE RURAL ELECTRIFICATION PROGRAM

SCALING UP ACCESS TO ENERGY

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OUTLINE OF PRESENTATION



STATUS



BARRIERS



CHALLENGES

STATUS OF RURAL ELECTRIFICATION PROGRAM

As of JUNE 1969

DISTRIBUTION

LUZON - 8 EDUs
 VISAYAS - 4 EDUs
 MINDANAO - 4 EDUs

TOTAL 16 EDUs

Municipalities/Cities

Potential 1,422
 Energized 739
 % Energized 51.97

Connections

Potential 6.210M
 Served 1.217M
 % Energized 19.60

Source:
 EA Annual Report 1968-1969

STATUS OF ELECTRIC COOPERATIVES' BARANGAY ENERGIZATION

As of March 2008

LEGEND: 119 ECs

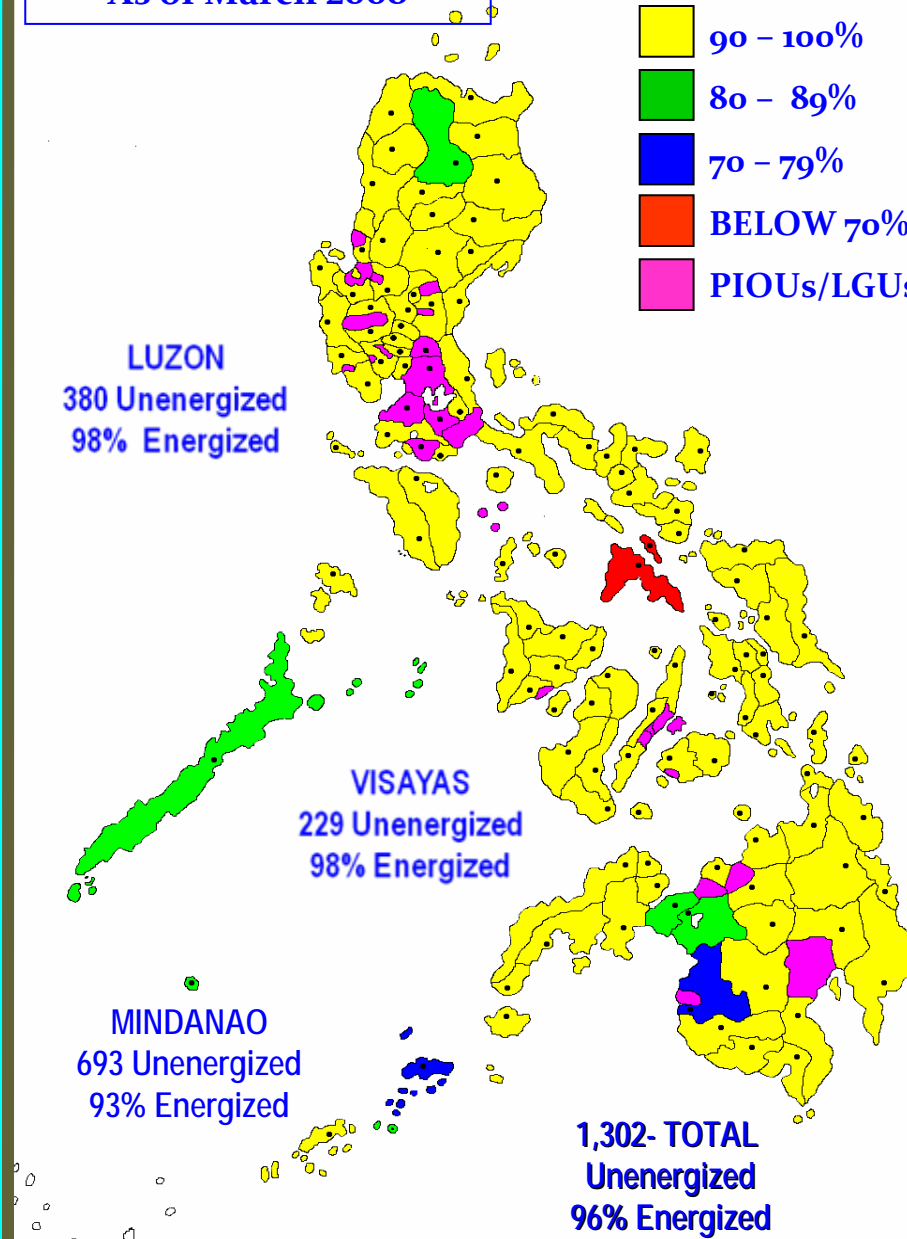
- 90 - 100%
- 80 - 89%
- 70 - 79%
- BELOW 70%
- PIOUs/LGUs-22

LUZON
 380 Unenergized
 98% Energized

VISAYAS
 229 Unenergized
 98% Energized

MINDANAO
 693 Unenergized
 93% Energized

1,302- TOTAL
 Unenergized
 96% Energized



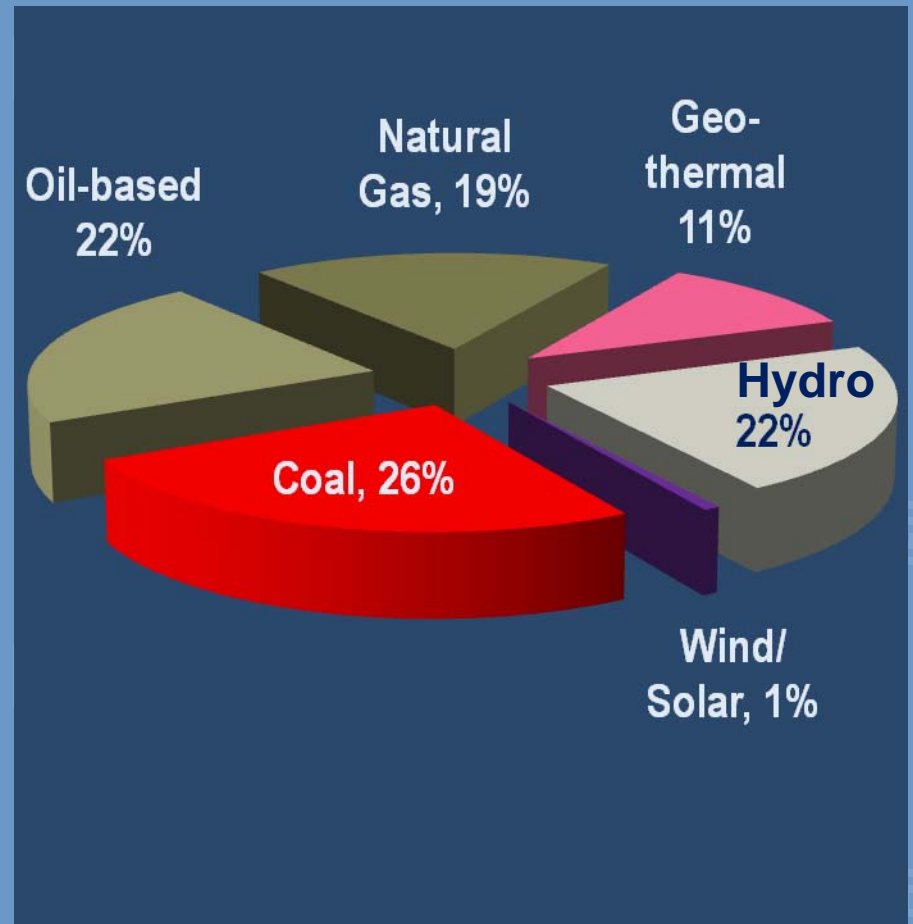
PERFORMANCE BY UTILITY

As of March 2008

Electric Distribution Utilities	Towns/Cities			Barangays			Connections		
	Coverage	Energized	%	Coverage	Energized	%	Potential	Served	%
Electric Cooperatives	1,471	1,471	100	36,030	34,728	96	11,582,000	7,843,482	68
Meralco	111	111	100	4,322	4,261	98.6	4,416,000	4,404,305	99
PIOUs/LGUs/ Others	48	48	100	1,628	1,599	98	1,486,000	1,194,111	80
TOTAL PHILIPPINES	1,630	1,630	100	41,980	40,588	97	17,484,000	13,441,898	77

EXISTING POWER PLANTS

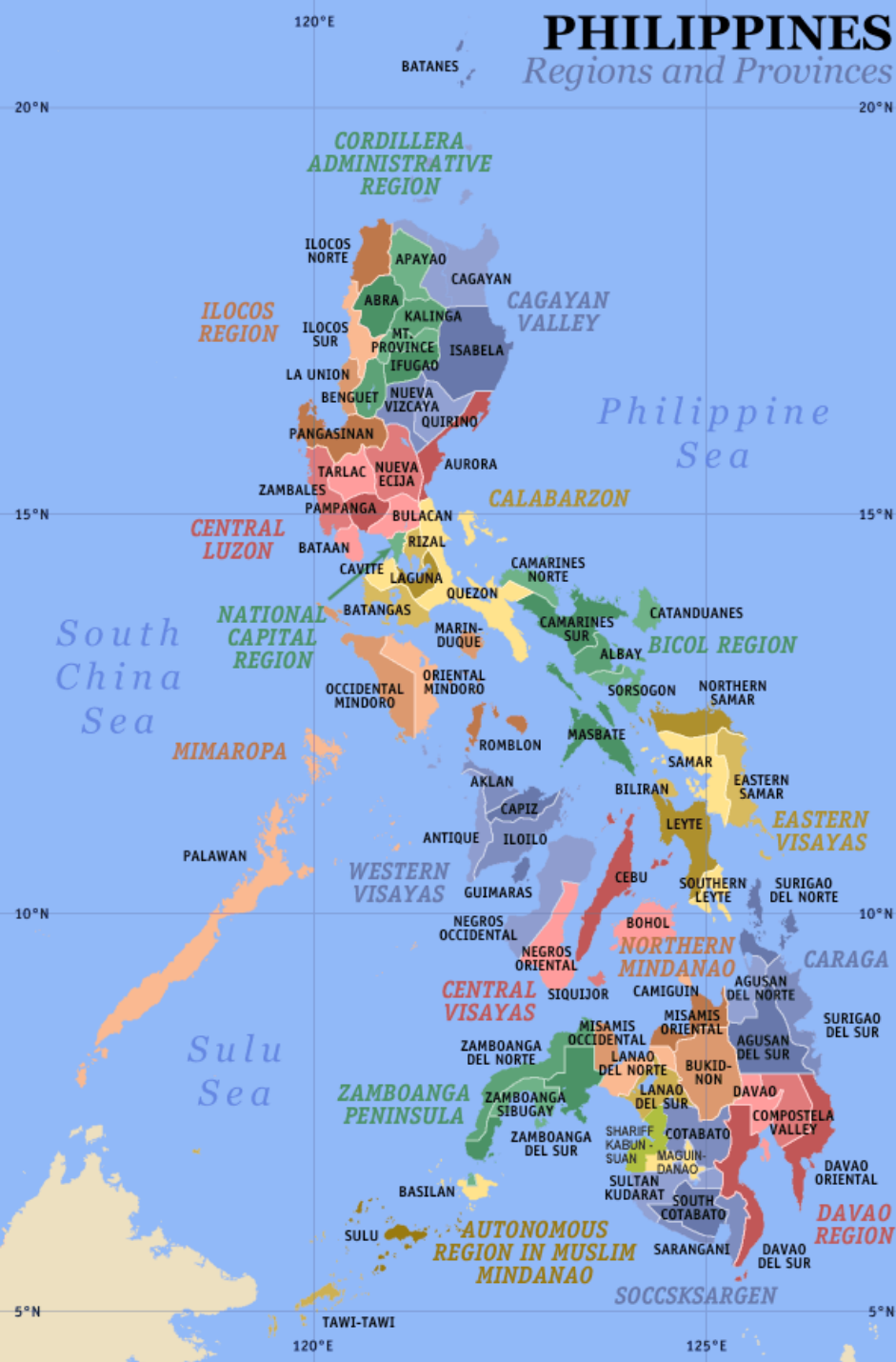
PHILIPPINES	DEPENDABLE (MW)
Coal	3,412
Oil-based	2,870
Natural Gas	2,565
Geothermal	1,400
Hydro	2,948
Wind/Solar	10
Total	13,205



Data Source: Department of Energy

PHILIPPINES

Regions and Provinces






ENERGY ACCESS
Connections/Population

POTENTIAL
17.484 Million / 88 Million

WITH ACCESS
13.442 Million / 68 Million

W/OUT ACCESS
4.042 Million / 20 Million

BARRIERS

-  Inadequate knowledge/Information on energy options
-  No immediate fund access
 - Renewable energy
 - Housewiring installation
-  Physical inaccessibility
 - Island
 - No road network
 - Limited mode of transportation

BARRIERS

- Local government regulations
 - Taxation on missionary distribution system (Poles, Transformers, Lines, etc.)
 - Bureaucratic permits even for dwellings made of indigenous materials (2 bulbs/1 outlet)
- Peace & Order
 - Historical conflicts in selected areas

CHALLENGES

- ❖ Achieve 100% village electrification by timeline; target sitio electrification next
- ❖ Continue to provide subsidy funds to energize remote and far-flung areas
- ❖ Move aggressively towards use of renewable energy; find donor support in technology and funds

CHALLENGES

- Harness people support and help educate them in energy/climate value and options
- Advocate for friendly/supportive infrastructure government policies, especially for marginalized/poor communities

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