

“Regional and National EE&C and RE Success Stories for Accelerating ASEAN's Energy Transition”

**The 8th Government-Private Forum on the Cleaner Energy Future Initiative for
ASEAN (CEFIA)**



**SUBMITTED BY
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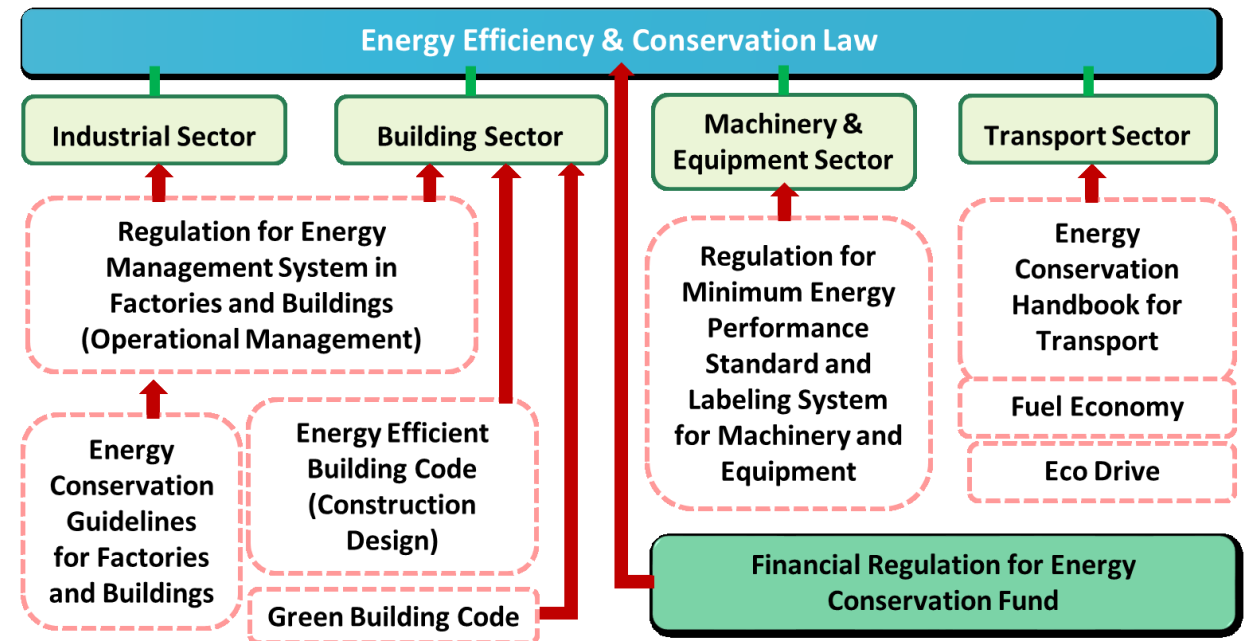
National Policy Framework, Targets, and Priorities for the Clean Energy Transition

Myanmar Nationally Determined Contributions
Unconditional: 244.52 million tCO₂e by 2030
Conditional: 414.75 million tCO₂e by 2030

Sector	EE Policy Target - 2030 (%)	EE Policy Target -2030 (GWh)
Industry	6.63	242.11
Commercial/ Public	3.98	65.33
Residential	7.80	209.00
Other	1.36	3.83
Total (EE Policy Target)	20	520.26

Policy Objective

- Reduce that national electricity consumption by 20% in 2030 compared to the baseline demand in 2012
- Reduce national CO₂ emissions by **133,187 tons** in 2030 Based on an emission factor of 0.256 kg CO₂/kWh.

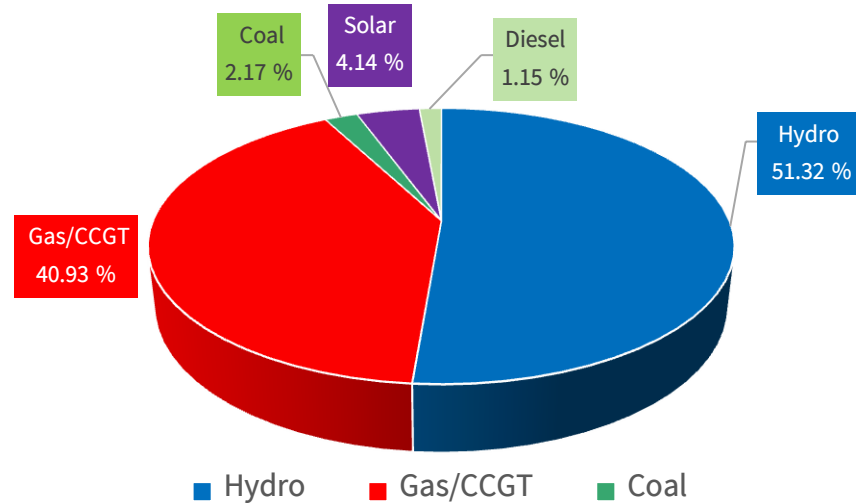


Policy for the Development of Electric Vehicles and Related Industries	Baseline	Target			
	2021	2025	2030	2040	2050
% of EV on total registered vehicle	0.05%	14%	32%	67%	100%
No. of Charging Station (City)		172	457	1039	1388
No. of Charging Stations (Highway)		296	789	1274	2259



Current Installed Capacity, Generation and Power Development Plan by NDC

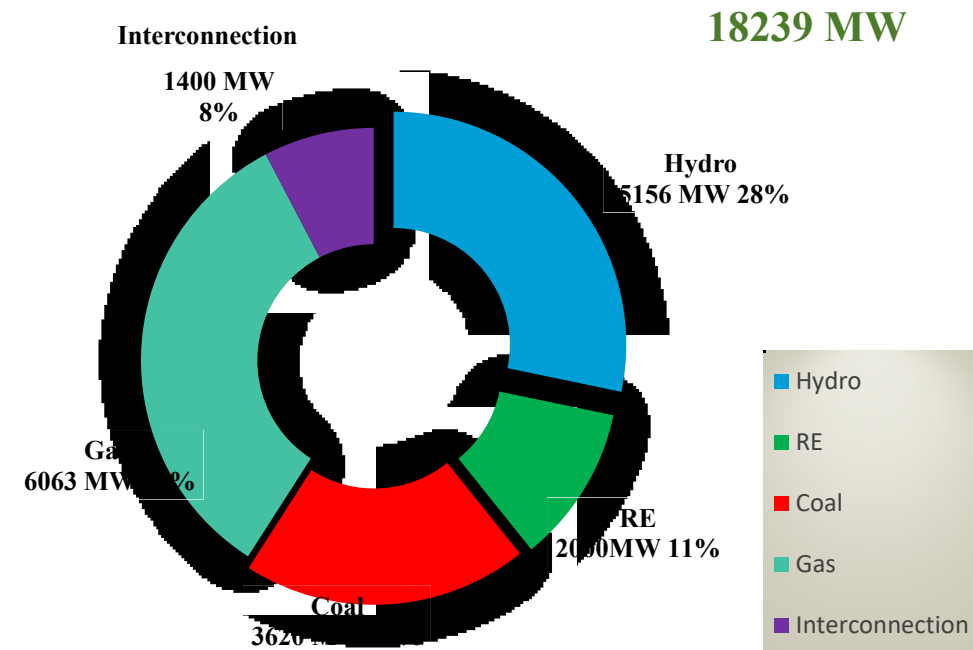
Installed capacity- MW (As of September 2025)



Energy Source	National Grid	Off Grid	Total(MW)
Hydro	3233.200	29.174	3262.374
Gas/ CCGT	2582.420	19.300	2601.720
Coal	138.000	-	138.000
Solar	240	1.169	241.169
Diesel	-	92.126	92.126
Total	6193.62	141.769	6335.9

There are 31 Hydropower Plants with an installed capacity of 3233 MW, 8 Solar Power Plants with an installed capacity of 240 MW.

**Unconditional Target
(National Budgetary Resources)**



According to the Nationally Determined Contribution (NDC) plan for reducing and adapting to climate change at the national level, under the condition that it must be implemented with the state's financial resources, the installed power generation capacity to be achieved 18,239 MW by the year 2030.

Best Practices and Success Stories in Implementing EE&C

Improvement of Industrial Energy Efficiency – IEE Project (GEF 5)

Energy Saving (Direct) identified by 27 Factories Assessment(2015–2021)

= Electricity + Fossil Fuel + Carbon Neutral Fuel = **496,275.03 MWh/year**

Carbon dioxide emission reduction **0.449 million ton/year**

Trained Participants

Energy Management System (User & Expert) **370**

Steam System Optimization (User & Expert) **230**

Compressed Air System Optimization (User & Expert) **229**

Lancang–Mekong Cooperation Special Fund Project (2023)

“Energy Efficiency Pilot Project in Food Processing Sector”

Factory Assessment in 10 factories

Sharing EE Awareness & technology

Project Implementation in 5 factories

Seminar to Mekong Countries

Seminar and Training

Energy Efficiency Seminars (4 times)
(**participants 240**)

Energy Management Trainings (1
time) (**participants 70**)



Best Practices and Success Stories in Implementing EE&C

Proposed Regional Cooperation Initiatives through the CEFIA flagship project

For Energy Efficiency Sector

- ✓ Energy Efficient Building Design Standard Formulation
- ✓ Fuel Economy Program for Light Duty Vehicles



THANK YOU FOR YOUR KIND ATTENTION!



Myanmar