The Republic of the Union of Myanmar Ministry of Electricity and Energy



Current Energy Situation and Development

Grand Amara Hotel, Nay Pyi Taw

6th June, 2018



***Availabilities of Energy Resources in Myanmar**

***Existing Myanmar Electricity Generation Mix**

***Development of Renewable Energy**

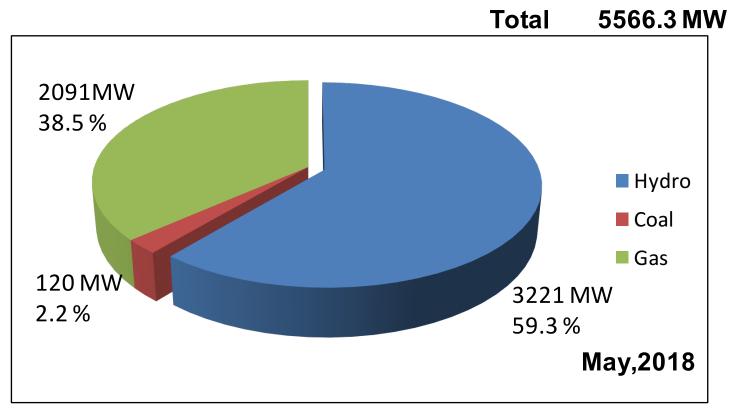
***Policies and Plans**

Availabilities of Energy Resources in Myanmar

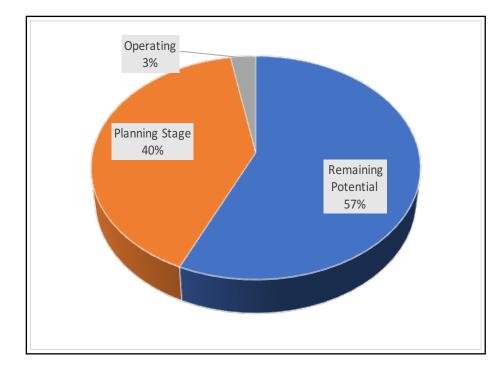
Particular	Potential
Crude Oil (offshore & On-shore)(Proven +Probable)	648.59 MMBBL
Natural Gas (offshore & On-shore)(Proven +Probable)	122.5391 TSCF
Coal	711 Million Metric Tons
Hydropower	108,000 MW
Biomass	 1.52.5% of total land area covered with forest. 2.Potential available annual yield of wood-fuel 19.12 million cubic ton.
Wind	365.1TWH per year
Solar Power	51973.8 TWH per year

Existing Myanmar Electricity Generation Mix

Types of Power Plants	No. of Stations	Installed Capacity (MW)
Hydropower Plants	27	3221
Coal-fired Thermal Plants	1	120
Gas Turbine	28	2091
Installed capacity connected to Grid		5432 MW
Small Hydro (Off Grid)	33	33.3 MW
Diesel (Off Grid)		101 MW



Development of Renewable Energy (Hydropower)



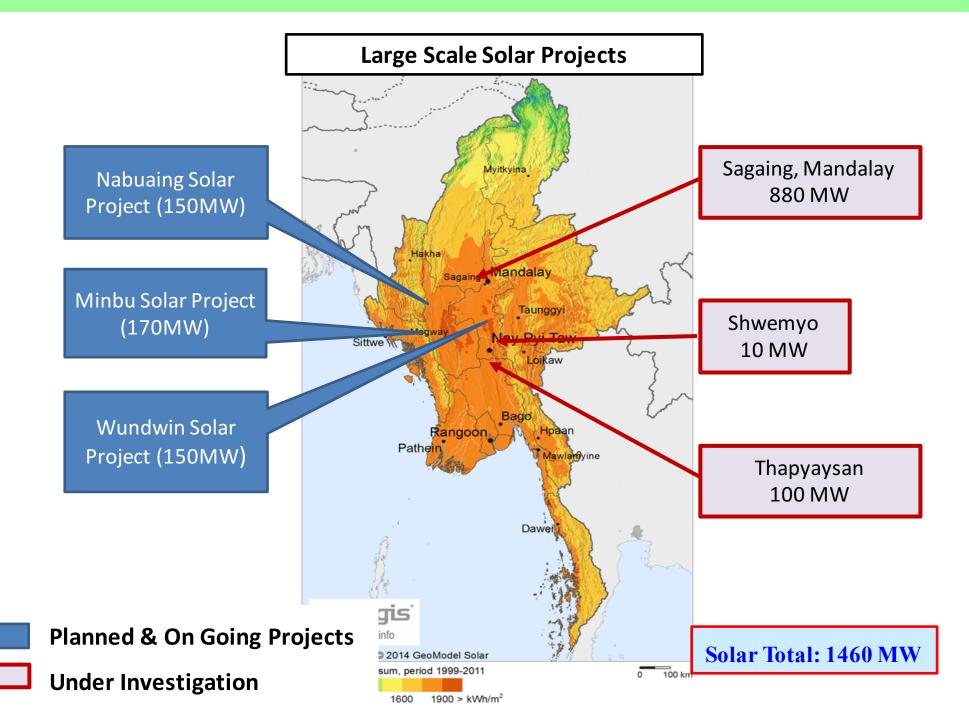
Existing Potential	108000.00 MW
Operating	3221.00 MW
Investigation and Planning	42204.60 MW



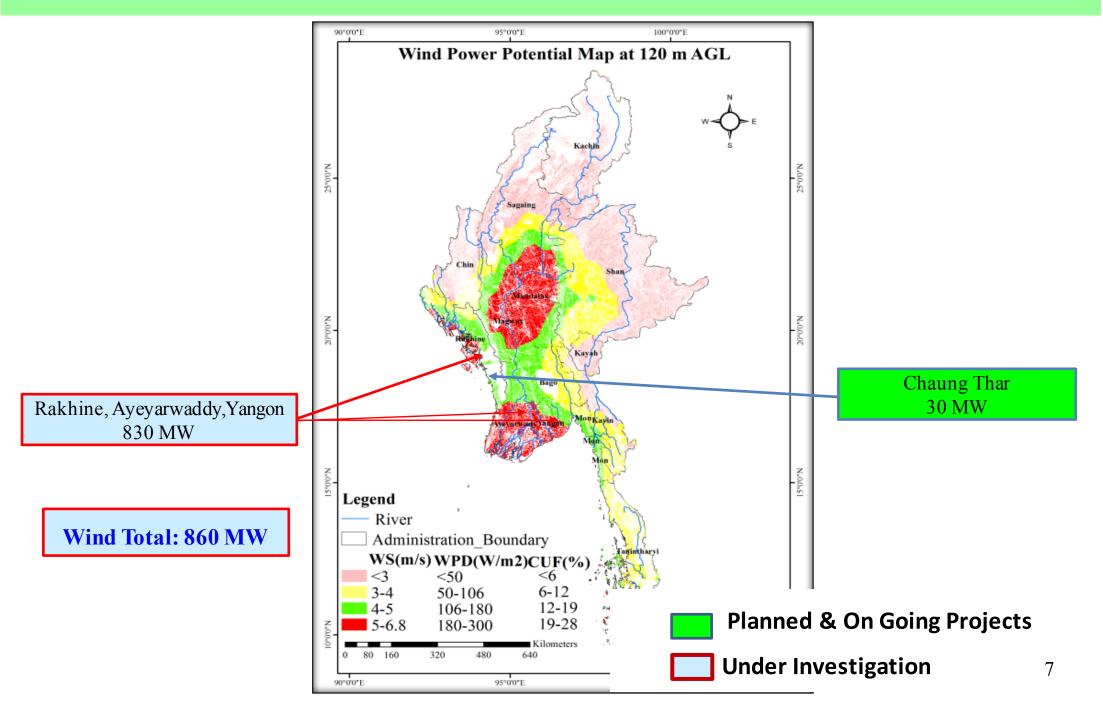




Development of Renewable Energy(Solar)



Development of Renewable Energy(Wind)



Policies and Plans

Master Plan

- Myanmar Energy Master Plan (ADB + MOE(NEMC)).
- National Electricity Master Plan (JICA+MOEE) (Currently under updating)

National Electrification Plan

- Approved on November 2015 (WB + MOEE).
- > To electrify the whole country in 2030-31
- Implement solar home(500000 HH)and mini grid(35000HH) up to 2020-2021

Policies for Power Sector

- > To utilize the available energy resources in power generation to meet our demand
- To generate power using Renewable Energy(solar,wind) for ensuring the stability and reliability of power system and lowering the cost of generation
- To encourage Private-participation in power generation and distribution

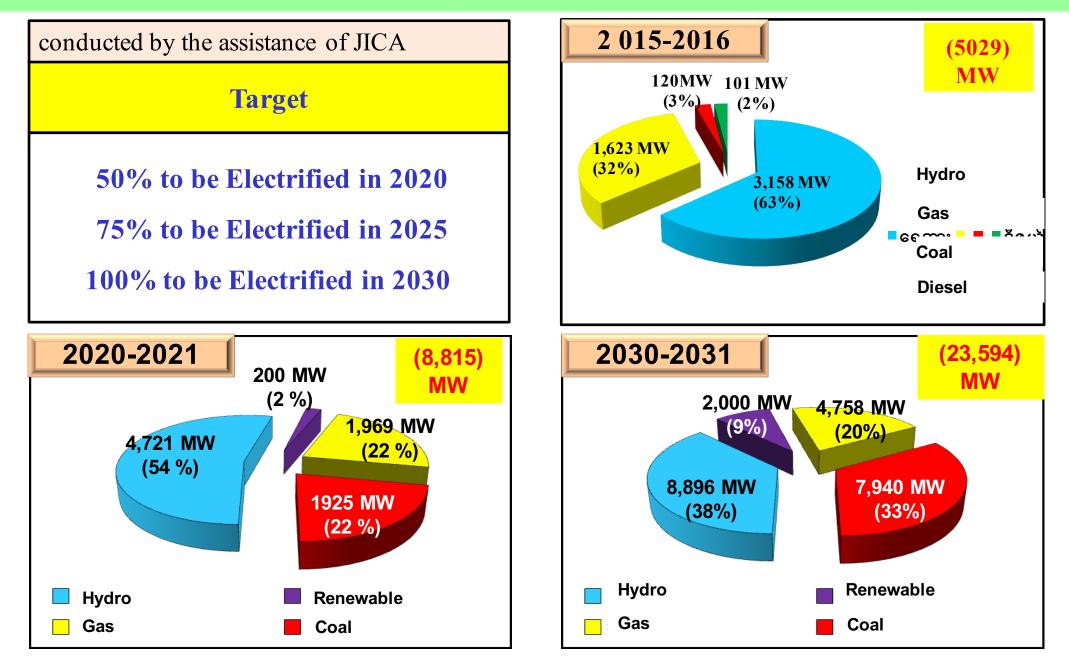
Strategic Environmental Assessment(SEA)

- SEA for Hydropower Sector (MOEE+MONREC+IFC)
- SEA for Power Sector (MOEE+ JICA)

International Solar Alliance (ISA)

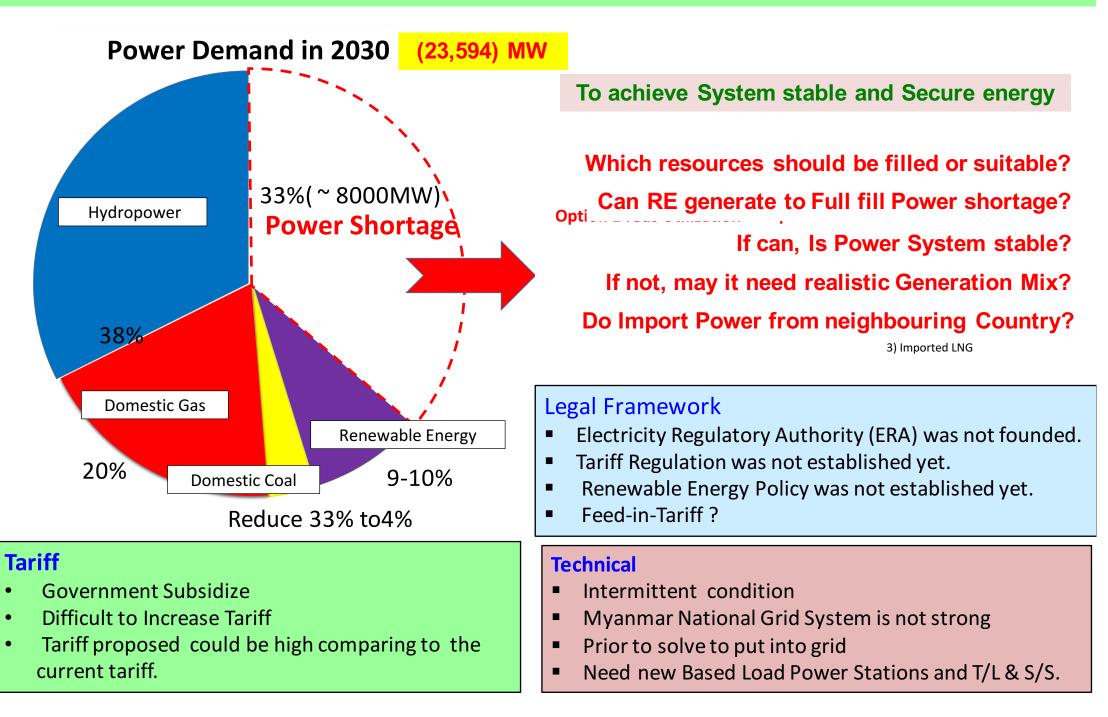
- India and France invite to sign ISA
- Will joint near future

National Electricity Master Plan (Previous Version)



MOEE and JICA are reviewing on NEMP to be inline with current situation.

Generation Mix and RE





THANK YOU For Your Attention

For other information,

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