

Ministry of Electricity and Energy



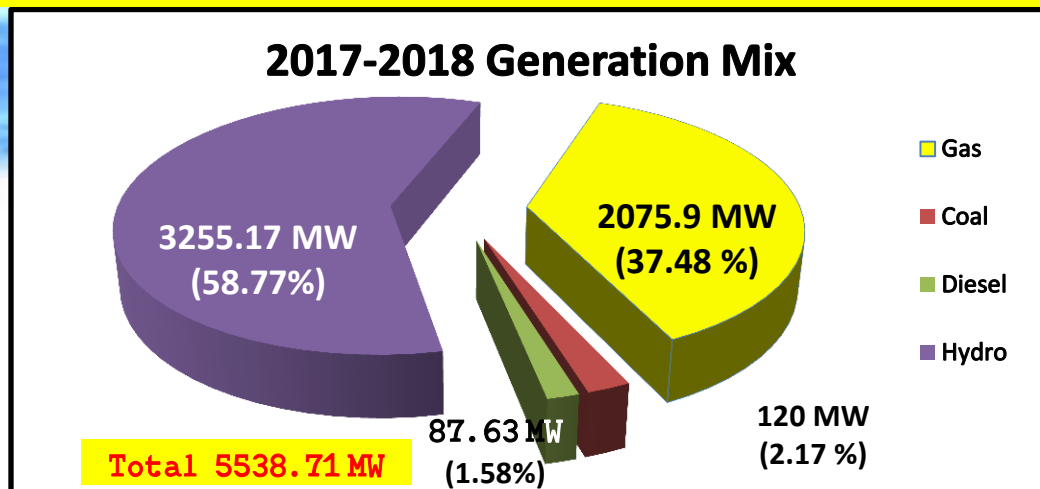
World Water Day

Action Plan for Energy Production Perspective

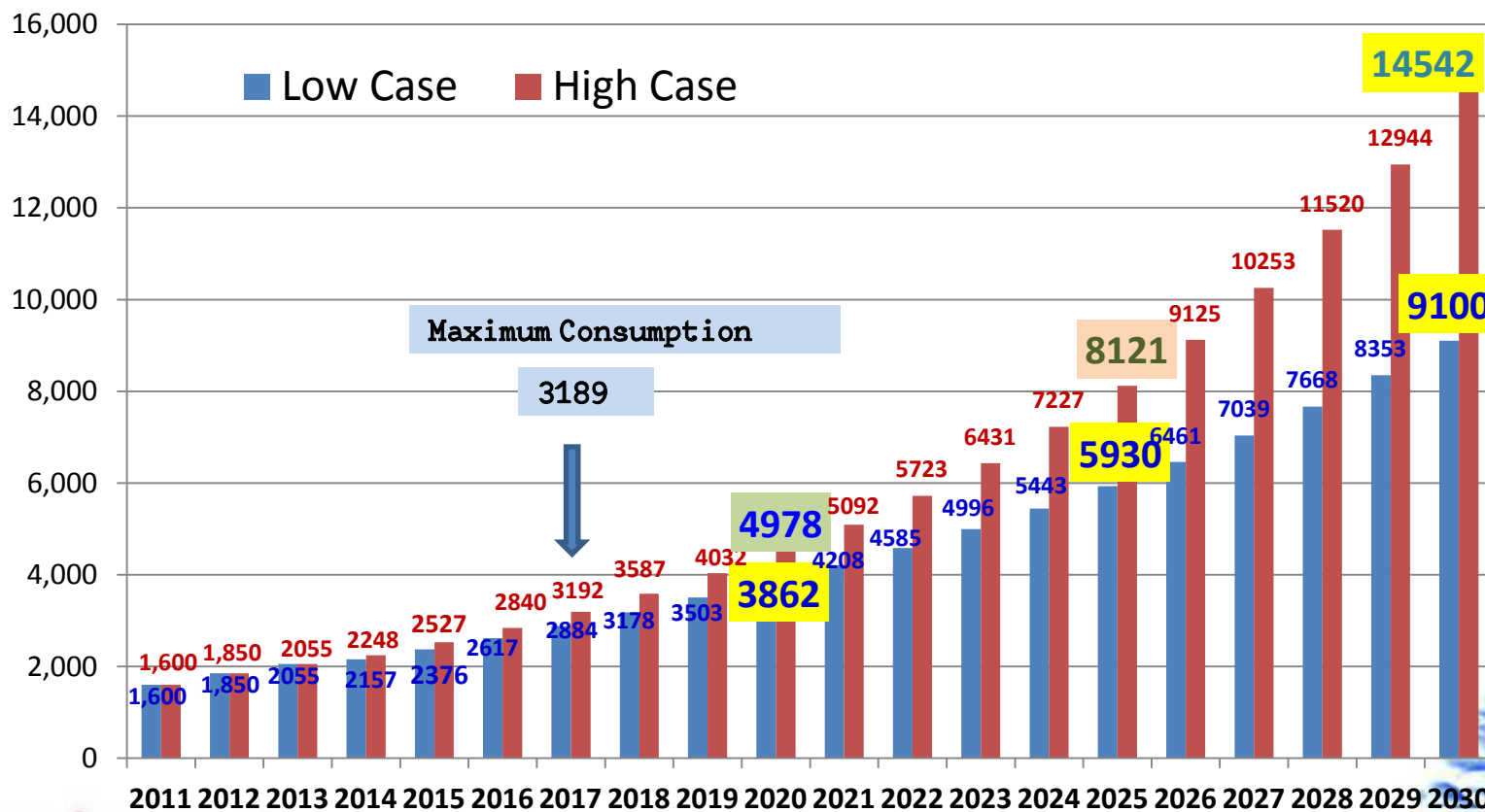
22. 2. 2018



Generation Mix and Power Demand Forecasting



- 2017 (Nov) Consumption is 3189 MW
- Demand in 2020 will be 4978 MW and 2022 will be 5774 MW (2585 MW required)
- Hydro Plants can generate only 40% in summer season



Planned Power Projects and Hydropower Resources

Short Term Strategy

Sr	Gas Power Plants	Hydropower Plants	Solar Power Plant
2018	Myingyan - 225 MW		Minbu 40 MW
2019	Thaton, Thaketa, 225 MW	Yarzagyo 4MW	
2021	Myanaung, Pahtolong, 523MW Kyaukphyu, Alone	Upper Kengteng, 331MW Upper Yeywa,	
2022	,Thilawa,Meelaung Gyaing- 2263 MW Kanbauk,Ywama		
	Total 3236 MW	335MW	40 MW

- Myanmar has the potential for 108 GW of hydropower .
- Identified Feasible Hydropower Projects.

Capacity	Numbers of Potentials		Capacity (MW)
	>10MW ≤50 MW	>50 MW	
>10 MW	32	60	46,099.30
<10MW	210		231.25
Total	302		46330.55

- ❖ Myanmar Hydropower Standard
- ❖ SEA for Hydropower Sector
- ❖ EIA Guide Line for Hydropower





- Rich hydro power resources in Northern and Eastern Regions of Myanmar.
 - more than 15 Hydro Power Resources >1000MW in that regions.

- Yangon
 - the most populated region and it has about 7 millions peoples.
 - the main sea port and Industry Zones.
 - the biggest load center of Myanmar.

- Mandalay, Naypyitaw and Ayeyarwaddy
 - also have the high population density
 - the power demand is increasing rapidly.

- ❑ 500 kV high power transmission lines is being constructed so as to adjust electric power and also reduce the losses.
- ❑ Expend distribution system including substation to be electrify the hole country.
- ❑ Hydropower projects should be inevitably implemented by utilizing the existing hydropower resources to enjoy low tariff rate



THANK YOU FOR YOUR ATTENTION

