

**APEC Expert Group on
New and Renewable Energy Technologies**

**EGNRET Pre-Meeting
Discussion
USA**

March 18, 2019



**Asia-Pacific
Economic Cooperation**

EGNRET

EGNRET 52

Hong Kong, China, Mar. 18, 2019

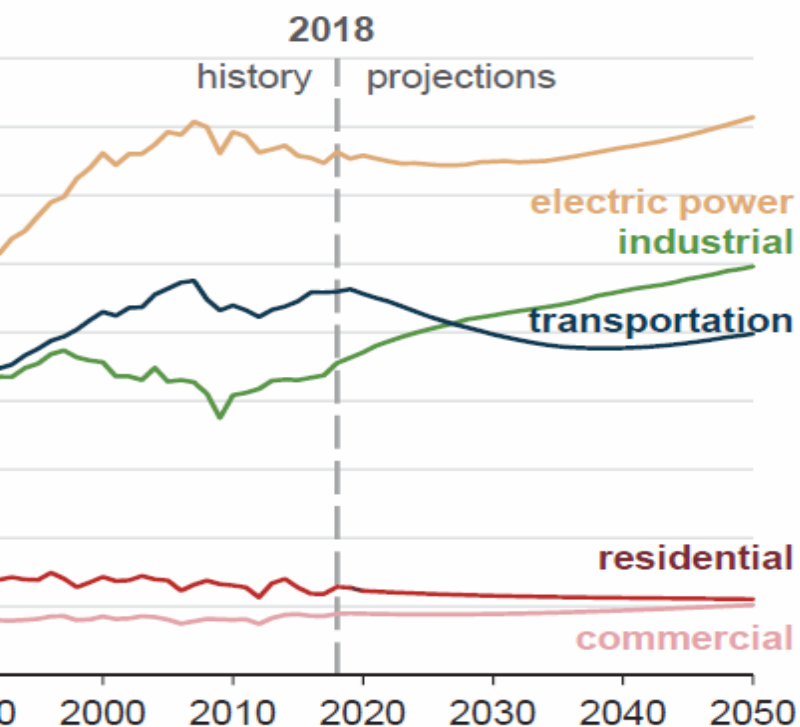


Population	328,285,992
Total area (km²)	9,158,960
Electricity generation (billion kWh/day)	11,466
Retail electricity sales (billion kWh/day)	10,42
Average residential retail price (US\$/kWh)	0.1291
Average commercial retail price (US\$/kWh)	0.1066
Average industrial retail price (US\$/kWh)	0.0694

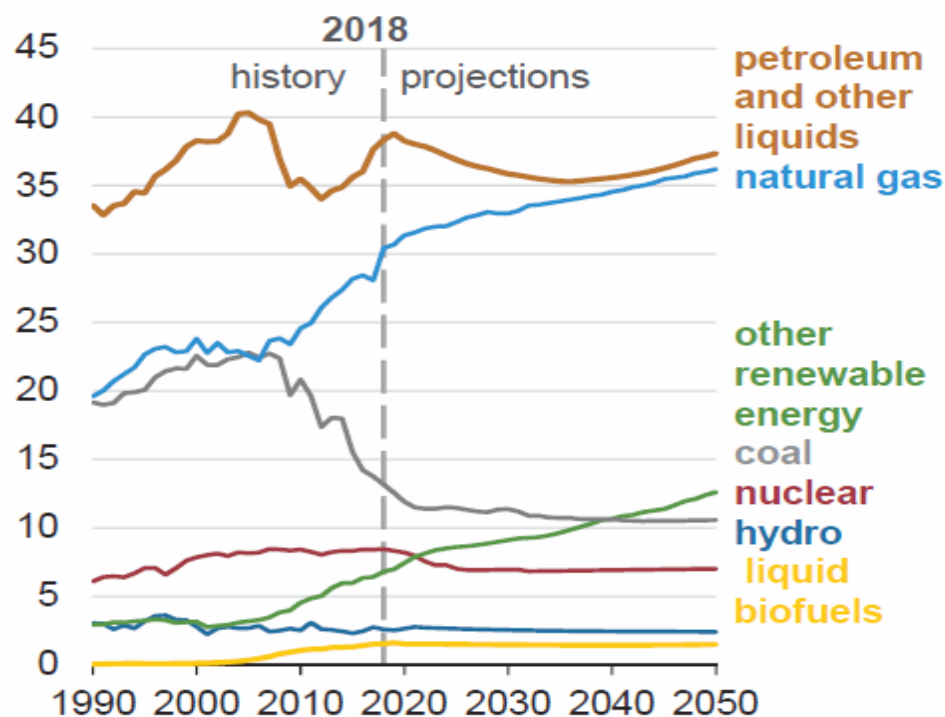
Key United States figures for 2018



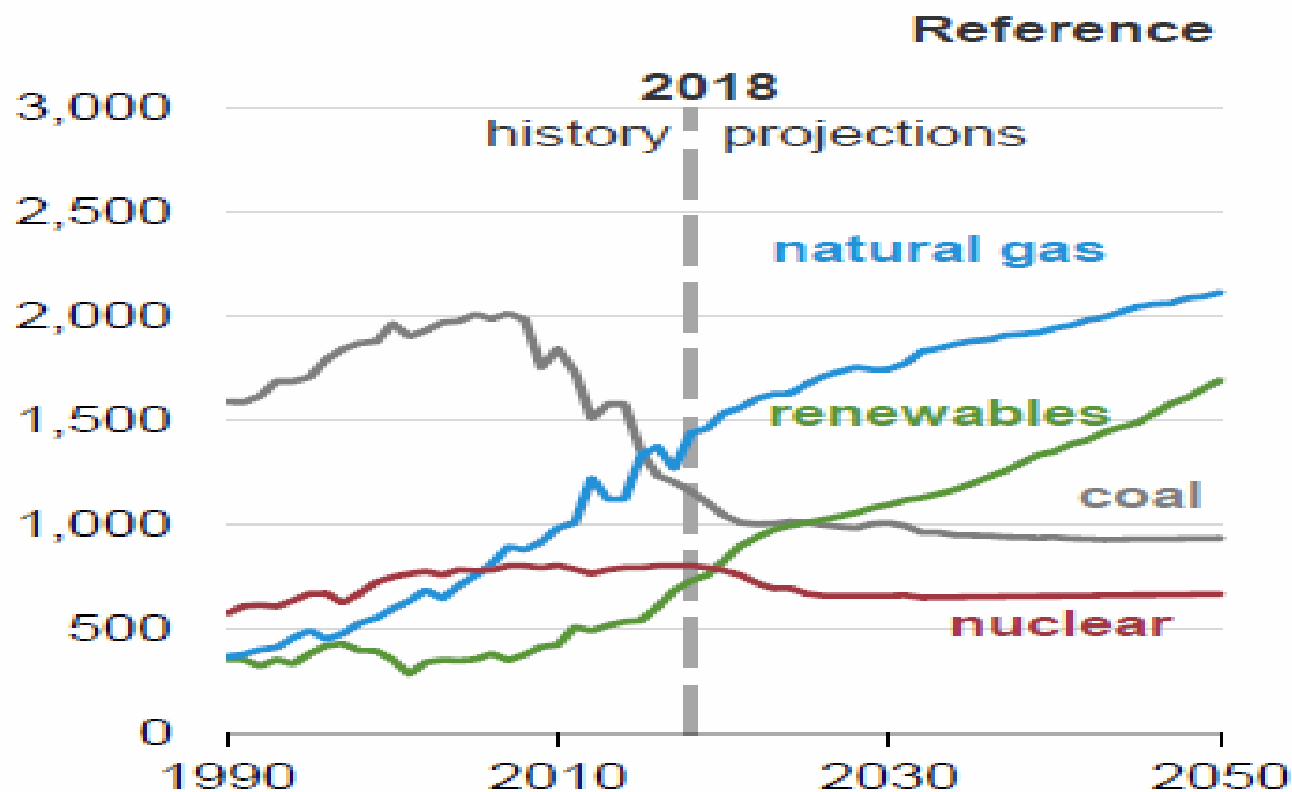
Energy consumption by sector (Reference case)
trillion British thermal units



Energy consumption by fuel (Reference case)
quadrillion British thermal units



Source: <https://www.eia.gov/outlooks/aeo/>



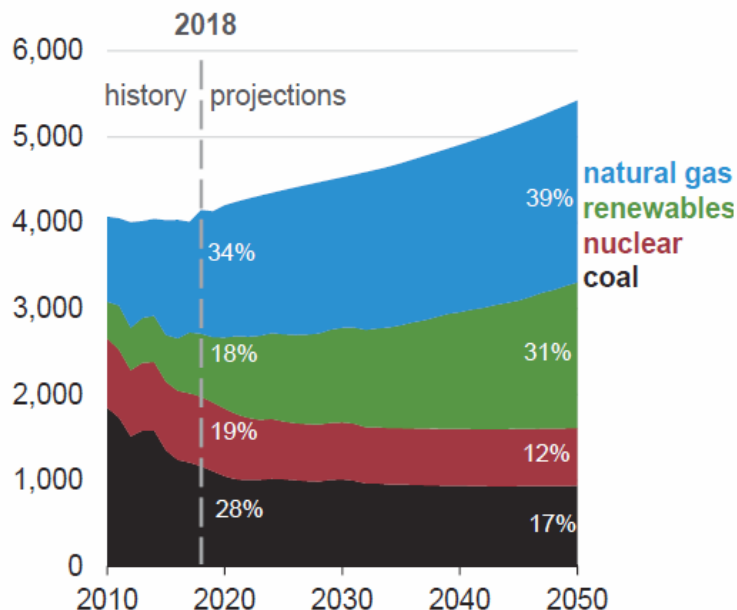
U.S. Electricity generation from selected fuels
(Billion kilowatt hours)

Source: <https://www.eia.gov/outlooks/aeo/>

Electricity generation from natural gas and renewables increases, and the shares of nuclear and coal generation decrease—

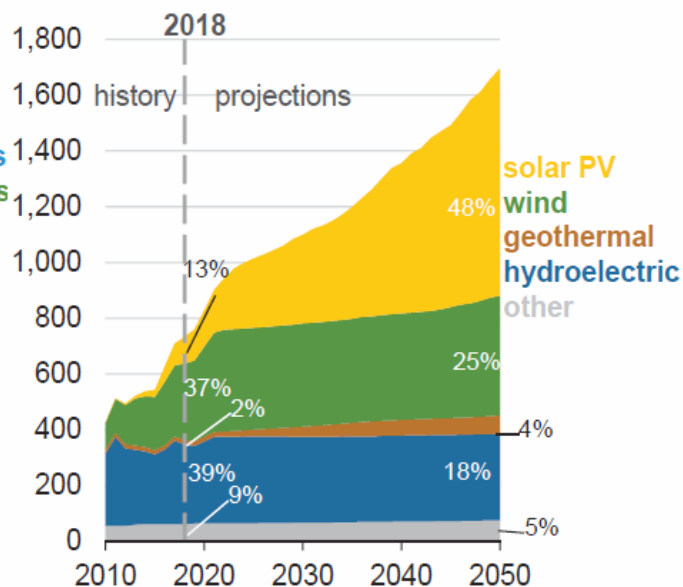
**Electricity generation from selected fuels
(Reference case)**

billion kilowatthours



**Renewable electricity generation, including
end-use (Reference case)**

billion kilowatthours



Source: <https://www.eia.gov/outlooks/aeo/>



Asia-Pacific Economic Cooperation

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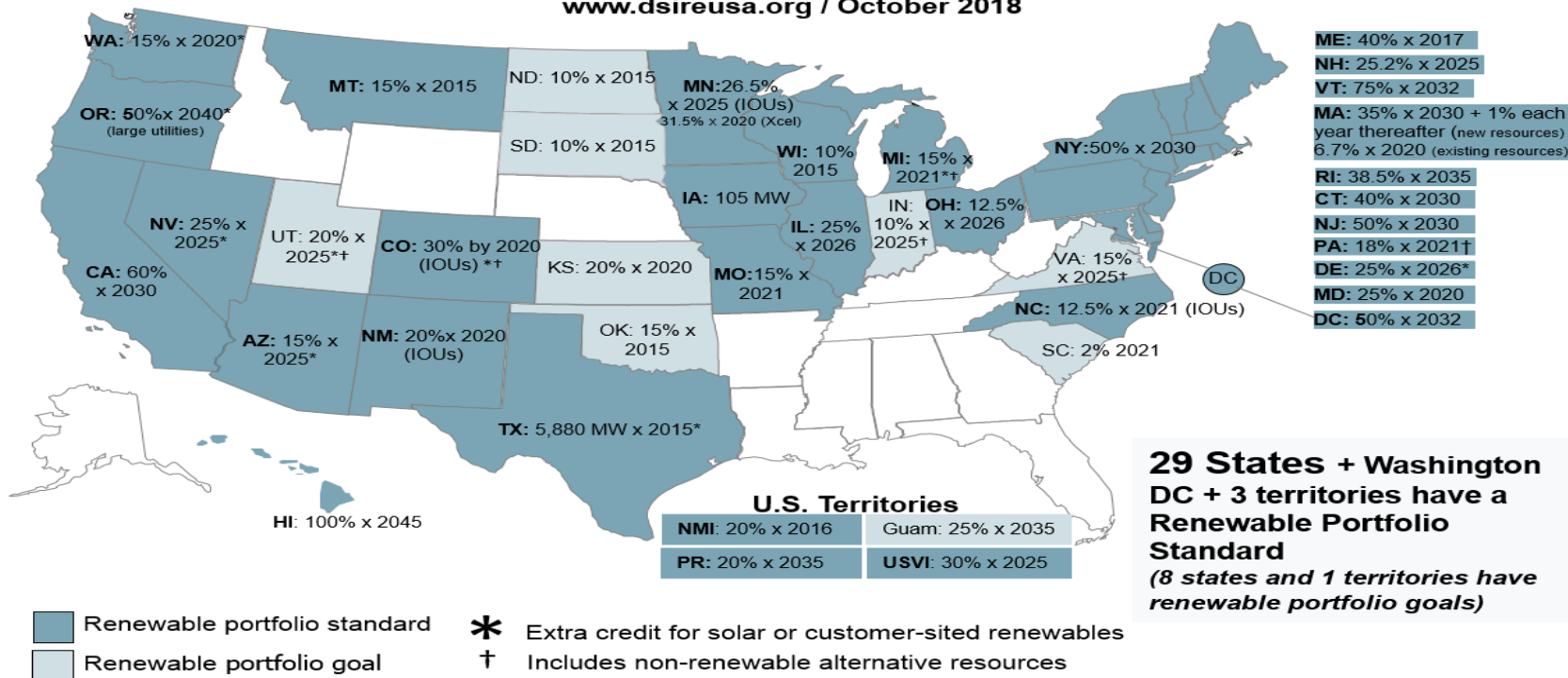


U.S. DEPARTMENT OF ENERGY

Energy Efficiency & Renewable Energy

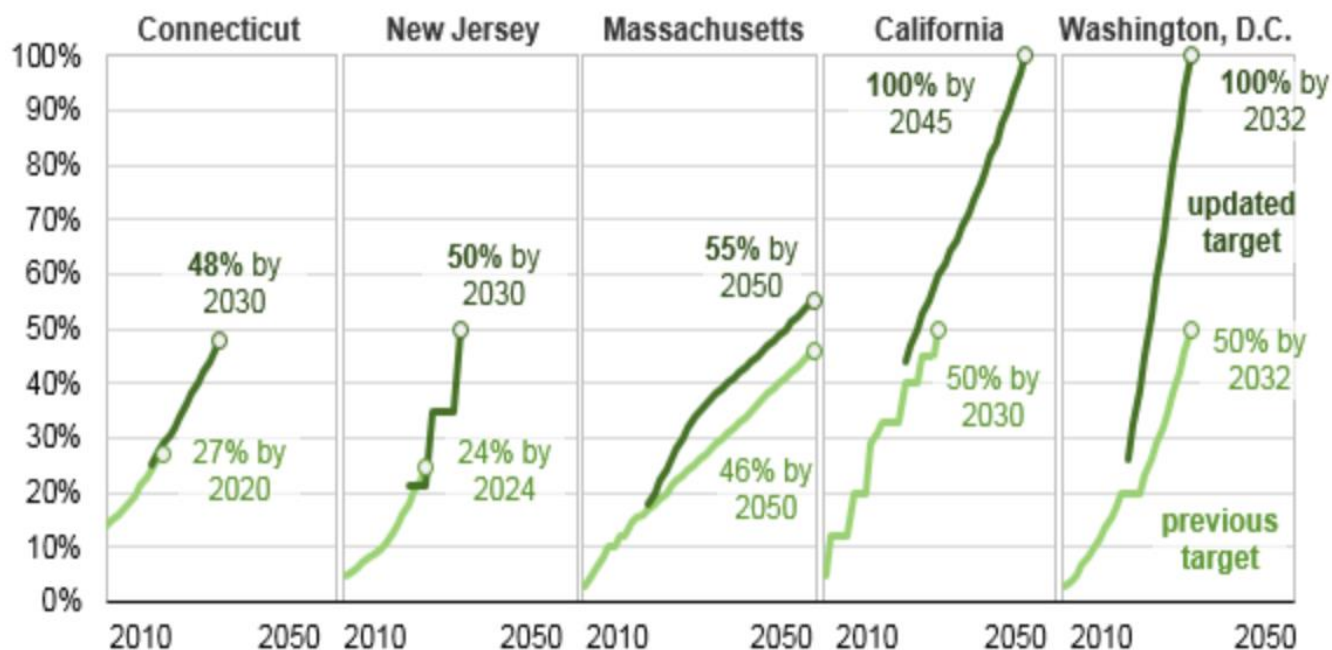
Renewable Portfolio Standard Policies

www.dsireusa.org / October 2018



Source: <http://www.dsireusa.org/>

Renewable portfolio standards targets for selected states (2010-2050) percent of retail electricity sales



Source: U.S. Energy Information Administration, based on states' renewable portfolio standards

Source: <https://www.eia.gov/todayinenergy/detail.php?id=38492>