

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

**EGNRET Pre Meeting  
Discussion  
USA**

**September 11, 2018**



**Asia-Pacific  
Economic Cooperation**

**EGNRET**

**EGNRET 51**

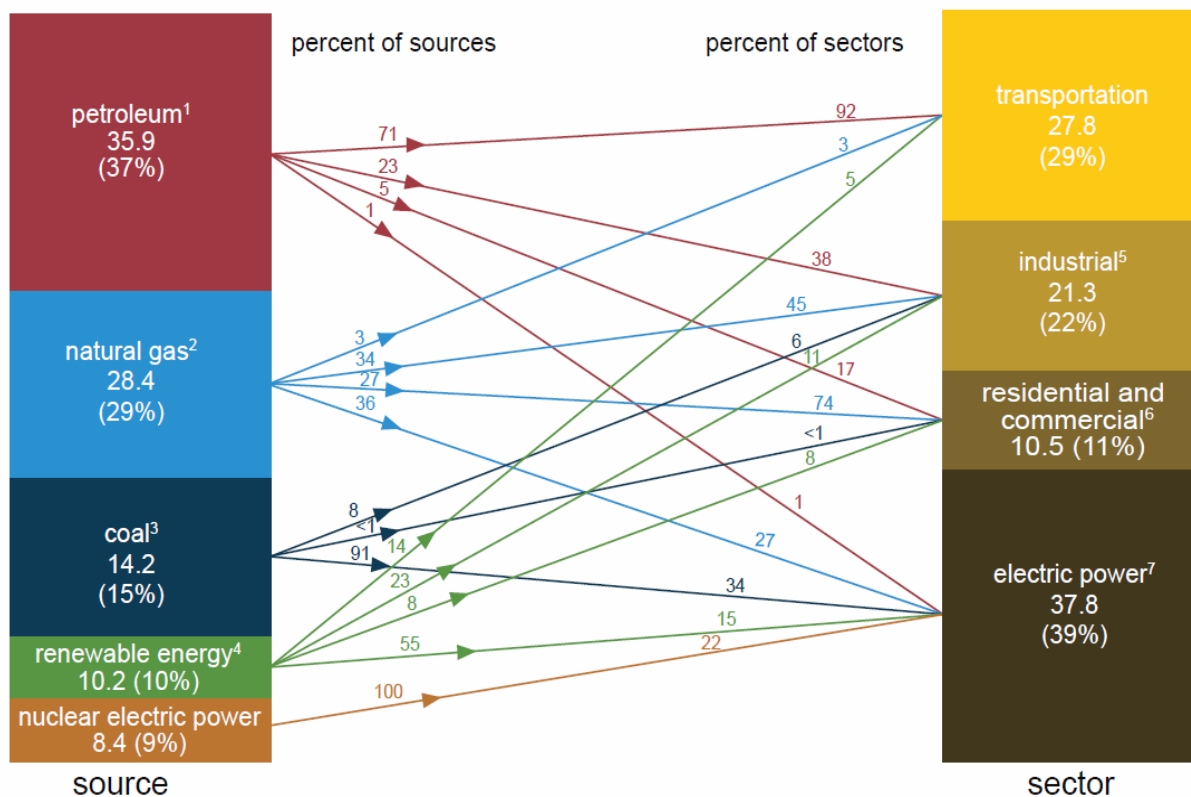
*Chiang Mai, Thailand, Sep. 10-14, 2018*



# U.S. primary energy consumption by source and sector, 2018

Source: <https://www.eia.gov/totalenergy/data/monthly/>

Total = 97.4 quadrillion British thermal units (Btu)



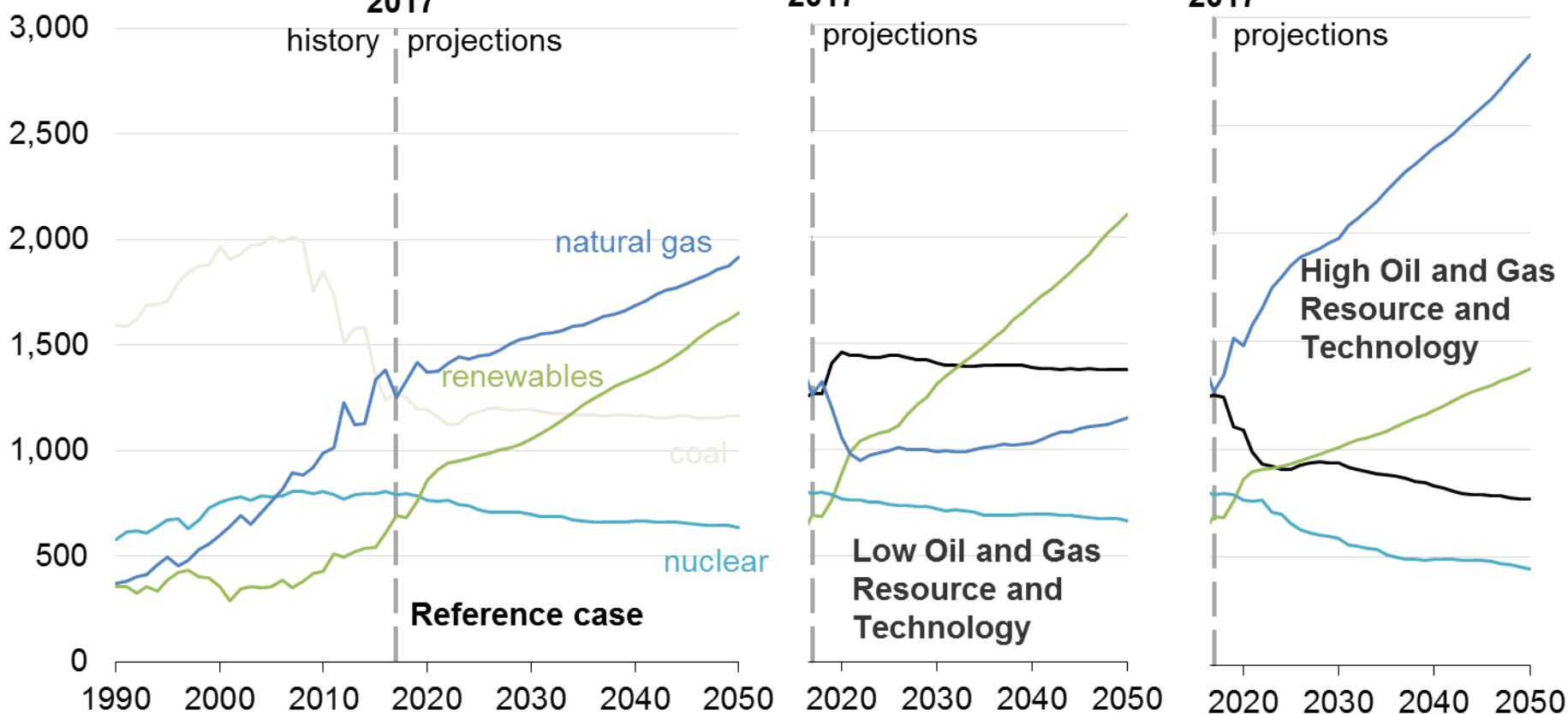


# The projected mix of electricity generation technologies varies widely across cases—

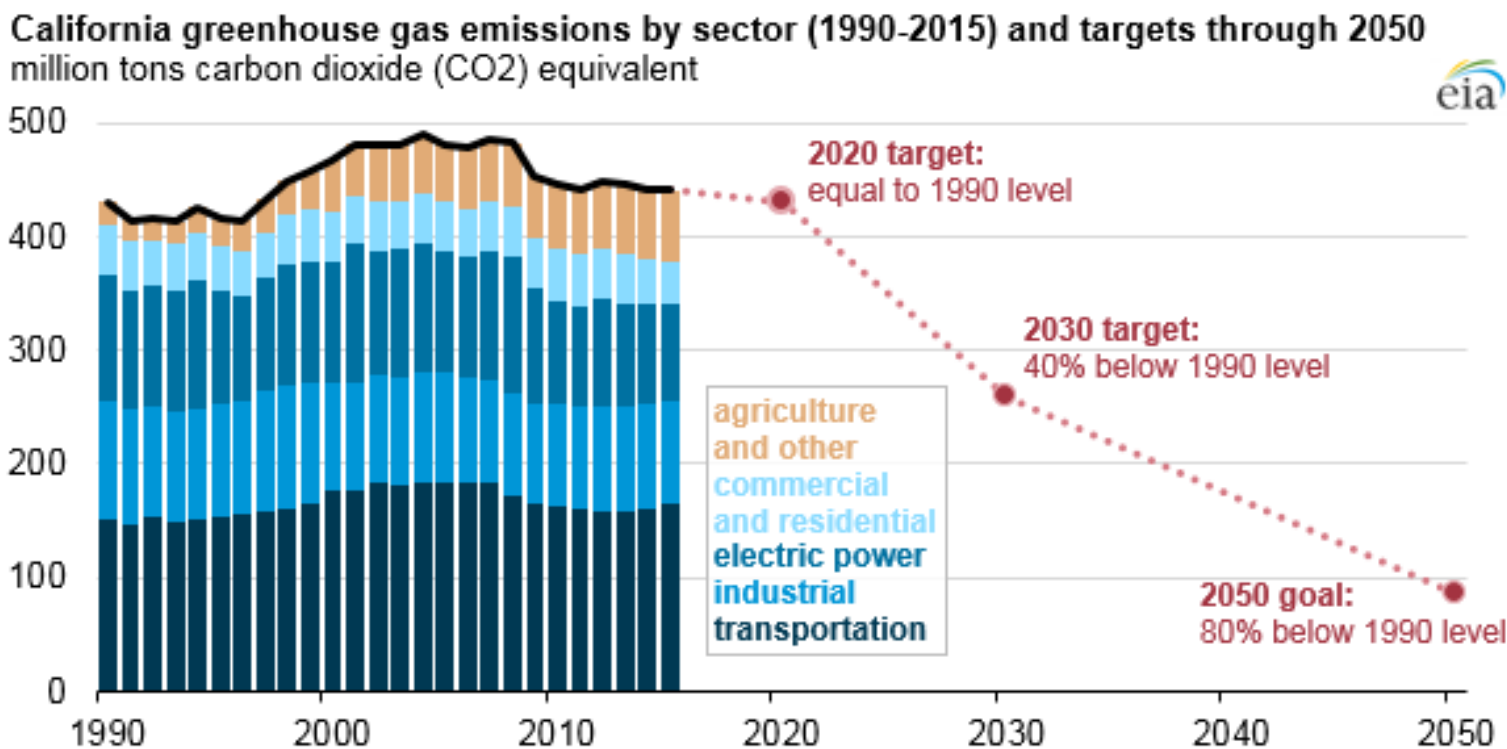
Source: EIA Annual Energy Outlook 2018: <https://www.eia.gov/outlooks/aeo/>

## Electricity generation from selected fuels

billion kilowatthours



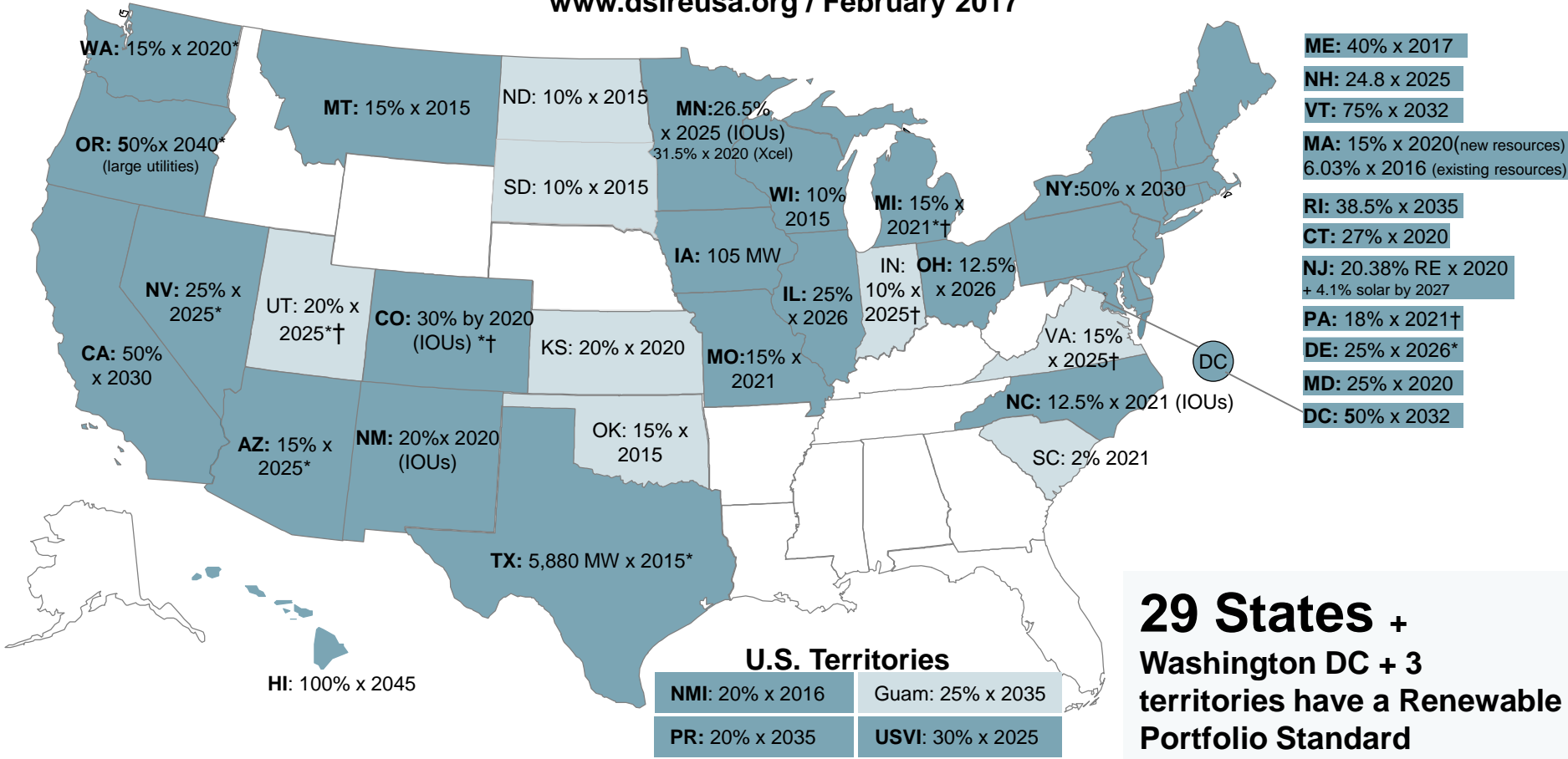
# California plans to reduce greenhouse gas emissions 40% by 2030



Source: <https://www.eia.gov/todayinenergy/detail.php?id=34792#>

# Renewable Portfolio Standard Policies

[www.dsireusa.org](http://www.dsireusa.org) / February 2017



**29 States + Washington DC + 3 territories have a Renewable Portfolio Standard (8 states and 1 territories have renewable portfolio goals)**

Renewable portfolio standard  
 Renewable portfolio goal  
\* Extra credit for solar or customer-sited renewables  
† Includes non-renewable alternative resources