

#Renewable Energy Act 2016

Whereas the USA consumes around 4,200 Terrawatt hours (TWh) of energy every year,

Whereas around 60% of the energy consumed is generated by fossil fuels,

Whereas fossil fuels will eventually run out,

Whereas there is 12GW of potential untapped hydroelectric power without building new dams which could generate 45TWh per year

Whereas there is a technical potential capacity for 153TW of utility scale solar power in the United States,

Section I. Short Title.

- a. This bill shall be referred to as the Renewable Energy Act of [STATE] 2016.

Section II. Definitions

- a. Renewable Generation - energy generation from a source that is not depleted when used
- b. Energy Generation - the process of generating electric power from other sources of primary energy

Section III. Targets

- a. The State of () shall increase its renewable generation as a % of total energy generation in 2015 by 20% by the year 2025.
- b. The State of () shall increase its renewable generation as a % of total energy generation in 2025 by 40% by the year 2035.
- c. The State of () shall have renewable generation contribute at least 75% of its total energy generation by 2042.
- d. The State of () shall have renewable generation contribute at least 98% of its total energy generation by 2050.

Section IV. Reaching the Target

- a. The State of () shall form a Commission for Renewable Generation.
- b. The Commission for Renewable Generation will be tasked with hitting the targets in the most cost effective and least environmentally damaging way.

Section V. Enactment

- a. This Act shall come into effect once all states have had an identical version of this bill signed into law and once the act of the same name is signed into federal law by the President.