

Energy Policy

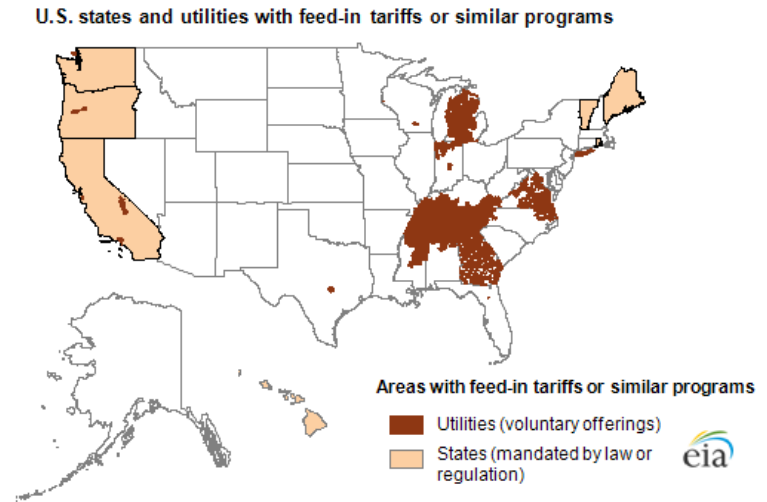
- **Options**
- **Buzzwords**
- **Details**

Policy

- 1) Make the price of electricity reflect the cost of carbon and let the market figure it out. (e.g. Carbon Tax)
- 2) Limit the total amount of CO₂ release and let the market figure out the method (e.g. Cap and Trade)
- 3) Set targets for renewable production
- 4) Specific regulations on specific emitters

Examples of Specific Policies

- **Feed-in Tariff (FIT)**
 - Renewable producers guaranteed fixed price (Germany)



- **Net Metering**
 - Utilities swap power with producer kWh for kWh
- **Renewable Portfolio Standards (RPS)**
 - Utilities must produce certain percentage of power from renewable

Renewable Portfolio Standards (RPS)

DSIRESOLAR™

Database of State Incentives for Renewables & Efficiency

U.S. DEPARTMENT OF
ENERGY

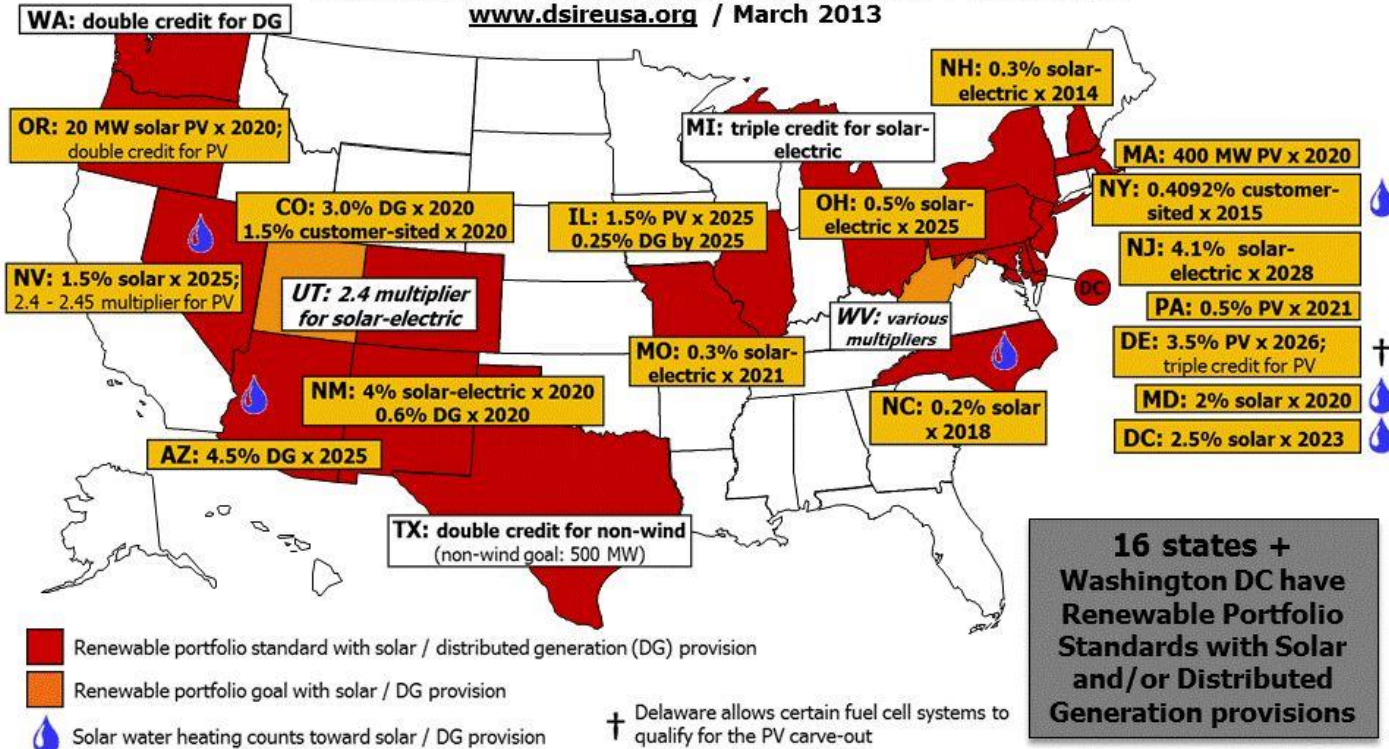
Energy Efficiency &
Renewable Energy

IREC
INTERSTATE RENEWABLE ENERGY COUNCIL

**NORTH CAROLINA
Solar Center**

Renewable Portfolio Standard Policies with Solar / Distributed Generation Provisions

www.dsireusa.org / March 2013



Clean Power Plan (CPP)

- Final version released in August 2015
- Required states to reduce carbon emission by 32% by 2030 (relative to 2005)
- Up to states to determine details. Supposed to submit details by 2016
- EPA announces intend to repeal in October 2017

- **Carbon Fee and Dividend**

H.R.763 - Energy Innovation
and Carbon Dividend Act of
2019

Future Energy Jobs Act (FEJA)

- Signed by Governor Rauner in December of 2016
- State's major electricity suppliers, ComEd and Ameren, must make efficiency investments to reduce customers' energy consumption 21.5 percent and 16 percent, respectively, by 2030
- \$200 million per year to Exelon Corporation for the two Illinois nuclear plants
- Includes "community solar"

- **25% by compliance year 2025 – 2026**
- Wind (IOUs): for investor-owned utilities 75% of that from wind
- Wind (ARES): for alternative retail electric suppliers 60% of that from wind
- PV (All): 6% of that from solar
- Distributed Generation (DG): 1% of that from Distributed generation

Buzz words:

- **IOU** – investor owned utility (Comed)
- **ARES** - alternative retail electric suppliers
- **DG** – distributed generation (roof solar)
- **SREC** – Solar Renewable Energy Credit.year