

Resources for renewable energy

General

- U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE),
 - <http://www.eere.energy.gov/>
 -
- US Energy Information Agency
 - <https://www.eia.gov>
 -
- National Renewable Energy Laboratory
 - <http://www.nrel.gov>

Wind

USGS map of wind facilities

<https://eerscmap.usgs.gov/uswtdb/viewer/#4.08/38.84/-102.7>

Bureau of Ocean Energy Management: Vineyard wind

- <https://www.boem.gov/vineyard-wind>

Wind maps

<https://www.nrel.gov/gis/wind-resource-maps.html>

Solar

Solar Shingles

<https://solarmagazine.com/solar-roofs/solar-shingles/>

Maryland grant program

- <https://energy.maryland.gov/business/Pages/incentives/PVEVprogram.aspx>

A Maryland Homeowner's Guide for Going Solar

- <https://news.maryland.gov/mea/wp-content/uploads/sites/15/2021/05/A-Maryland-Homeowners-Guide.pdf> (One page)
- <https://energy.maryland.gov/residential/Documents/A%20Maryland%20Consumers%20UGuide%20to%20Solar%20LR72dpi.pdf> (70 pages)

Solar electricity by state

<https://cleantechnica.com/2020/10/05/top-us-states-for-percentage-of-electricity-from-solar-cleantechnica-report/>

Energy from the ocean (water)

OTEC Hawaii

<https://www.treehugger.com/renewable-energy/hawaii-flips-switch-ocean-thermal-energy-conversion-plant-harvesting-clean-energy-sea.html>

Energy Efficiency

Dept of Energy home geothermal heat and AC

<https://www.energy.gov/energysaver/heat-and-cool/heat-pump-systems/geothermal-heat-pumps>

Reflective cooling films

<https://www.skycoolsystems.com>

<http://radi-cool.com>

Electrification benefits

www.Rewiringamerica.org

EPA Energy Star ratings

<https://www.energystar.gov>

Lighting information

https://www.energystar.gov/sites/default/files/asset/document/LBR_2017-LED-Takeover.pdf

<http://energy.gov/energysaver/led-lighting>

Sources for LED bulbs

<https://www.superbrightleds.com>

<https://www.prolighting.com>

US Auto MPG ratings

<http://www.fueleconomy.gov>

Grid losses

<http://insideenergy.org/2015/11/06/lost-in-transmission-how-much-electricity-disappears-between-a-power-plant-and-your-plug/>

Methane emission reduction

<https://www.unep.org/news-and-stories/press-release/global-assessment-urgent-steps-must-be-taken-reduce-methane>

Trade associations

Cleanpower (wind, utility scale solar, storage, transmission)

<https://cleanpower.org>

Solar Energy Industries Association

<http://www.seia.org/policy/solar-technology/photovoltaic-solar-electric>

Biogas

<http://americanbiogascouncil.org/index.asp>

Home geothermal

<https://igshpa.org/geothermal/>

Economics

Costs of different types of power

<https://www.lazard.com/perspective/levelized-cost-of-energy-and-levelized-cost-of-storage-2018/>

Projections: What will it take for the US to get to net zero?

https://netzeroamerica.princeton.edu/img/Princeton_NZA_Interim_Report_15_Dec_2020_FIN_AL.pdf (345 pages)

Miscellaneous

On-line magazine covering renewable energy topics

<http://www.renewableenergyworld.com/index.html>

Corporation for Public Broadcasting energy-reporting collaborative

<http://insideenergy.org>

NY Times article: More Power lines or more Rooftop Solar Panels

<https://www.nytimes.com/2021/07/11/business/energy-environment/biden-climate-transmission-lines.html>

Article on the health benefits of moving to renewable energy

<https://cleanenergyfutures.syr.edu>