# Definitions:

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# **Recycle** - <https://www.dictionary.com/browse/recycle>

### *verb (used with object),* **re·cy·cled,** **re·cy·cling.**

* to treat or process (used or waste materials) so as to make suitable for reuse:*recycling paper to save trees.*
* to alter or adapt for new use without changing the essential form or nature of:*The old factory is being recycled as a theater.*
* to use again in the original form or with minimal alteration:*The governor recycled some speeches from his early days.*

### *noun*

* the act or process of recycling.

**Recycling**: A new definition by the U. S. Environmental Protection Agency (EPA)

<https://www.epa.gov/smm/recycling-economic-information-rei-report#findings>

Recycling is defined as the recovery of materials, such as paper, glass, plastic, metals, construction and demolition (C&D) material and organics from the waste stream (e.g., municipal solid waste), along with the transformation of materials, to make new products and reduce the amount of virgin raw materials needed to meet consumer demands.

In addition to updating the definition of recycling, the 2016 REI Report identified nine materials and investigated their direct and indirect impact on jobs, wages and taxes.

**Municipal Solid Waste (MSW) -** definition from EPA:

Municipal Solid waste is comprised of materials that consumers continuously throw away after being used. MSW does NOT include industrial, hazardous or construction waste.

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# **EPA -** Environmental Protection Agency - definition - Dictionary.com

*U.S. Government* . an independent federal agency, created in 1970, that sets and enforces rules and standards that protect the environment and control pollution.

**KWh = Kilowatt hours**

The kilowatt hour (symbol **kWh**, kW⋅h or kW h) is a unit of energy equal to 3.6 megajoules. If energy is transmitted or used at a constant rate (power) over a period of time, the total energy in **kilowatt hours** is equal to the power in kilowatts multiplied by the time in hours.

Symbol: kW⋅h

Unit of: Energy

Unit system: Non-SI metric

English Engineering units: ≈ 2,655,224 ft⋅lbf

### Kilowatt hour - Wikipedia

**carbon offse**t *noun* plural noun: **carbon offsets**

1. an action intended to compensate for the emission of carbon dioxide into the atmosphere as a result of industrial or other human activity, especially when quantified and traded as part of a commercial program.

2. "purchasing the carbon offsets would contribute to the airline's commitment to reducing its environmental impact"

EPA archive - Factoids (2016)

<https://archive.epa.gov/epawaste/conserve/smm/wastewise/web/html/factoid.html>

More energy factoids

<https://lbre.stanford.edu/pssistanford-recycling/frequently-asked-questions/frequently-asked-questions-benefits-recycling>

Use with Energy Use Calculator

<http://energyusecalculator.com/>

Mentimeter.com

For use with polling and audience participation