Main page
Contents
Current events
Random article
About Wikipedia
Contact us
Donate

Contribute
Help
Learn to edit
Community portal
Recent changes
Upload file

Tools
What links here
Related changes
Special pages
Permanent link
Page information
Wikidata item

Print/export
Download as PDF
Printable version

In other projects
Wikimedia Commons

Languages
العربية
বাংলা
Français
한국어
हिन्दी
Bahasa Indonesia
اردو
Tiếng Việt
中文
29 more
Edit links

Category:Energy conversion

Help

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Energy conversion is the process of transforming energy from one form into another.

*The main article for this category is **Energy transformation**.*

Energy portal

Wikimedia Commons has media related to *Energy conversion*.

Subcategories

This category has the following 20 subcategories, out of 20 total.

E
- ► Energy harvesting (3 C, 19 P)

F
- ► Fuel cells (4 C, 62 P)

H
- ► Heating (7 C, 55 P)
- ► Hydroelectricity (8 C, 14 P)

L
- ► Luminescence (5 C, 58 P)

N
- ► Nuclear power (13 C, 40 P)

O
- ► Oil shale technology (2 C, 31 P)

P
- ► Photoelectrochemistry (8 P)
- ► Photovoltaics (6 C, 116 P)
- ► Piston engines (9 C, 47 P)
- ► Power stations (11 C, 16 P)

R
- ► Recycling (11 C, 102 P)

S
- ► Steam power (10 C, 65 P)

T
- ► Thermoelectricity (1 C, 20 P)
- ► Tidal stream generators (7 P)
- ► Transducers (8 C, 37 P)
- ► Turbines (5 C, 31 P)

W
- ► Water power (2 C, 10 P)
- ► Wave energy converters (9 P)
- ► Wind turbines (5 C, 46 P)

Pages in category "Energy conversion"

The following 139 pages are in this category, out of 139 total. This list may not reflect recent changes (learn more).

- Energy transformation

A
- Airborne wind turbine
- Allam power cycle
- Alternator
- Anomalous photovoltaic effect
- Aquanator

B
- Battery balancing
- Battery charger
- Battery management system
- Bifacial solar cells
- Bimetallic strip
- Boiling water reactor safety systems
- Booster (electric power)

C
- Carnot method
- Ceramic heat cell
- Cogeneration
- Combined cycle power plant
- Conductive wireless charging
- Crookes radiometer
- Cyclone furnace

D
- Direct energy conversion
- Direct exchange geothermal heat pump
- Draft (boiler)
- Drakoo wave energy converter

E
- Economizer
- Supercapacitor
- Electric motor
- Electrochemical energy conversion
- Electrohydrodynamics
- Energy conversion efficiency
- Energy factor
- Energy recycling
- Energy technology
- Energy tower (downdraft)

F
- Fluidized bed combustion
- Fuel cell

G
- Gasification
- Gentherm Incorporated
- Geothermal heating
- Grate firing
- Ground source heat pump

H
- Heat engine
- Heat pump
- Heat pump (disambiguation)
- Heat rate (efficiency)
- Helianthos
- Homogeneous charge compression ignition
- Hybrid solar lighting
- Hydropower

I
- Indicator diagram
- Induction regulator
- Integrated gasification combined cycle
- Integrated gasification fuel cell cycle
- Integrated water and power plant
- Intermediate band photovoltaics
- International Center on Small Hydro Power
- Isolation condensor

J
- Jet engine
- Jet propulsion
- Johnson thermoelectric energy converter

L
- Lolland Hydrogen Community
- Luminescent solar concentrator

M
- Magnetohydrodynamic converter
- Magnetohydrodynamic generator
- Mechanical efficiency
- Mist lift
- Multi-junction solar cell

N
- Nameplate capacity
- Nuclear fusion
- Nuclear power
- List of companies in the nuclear sector
- Nuclear microreactor
- Nuclear reactor

O
- Ocean Power Technologies
- Ocean Power Technologies Australasia
- Ocean thermal energy conversion
- Oil burner (engine)
- Osmotic power

P
- Passive nuclear safety
- Photoelectric effect
- Photoelectrochemical cell
- Photomagnetic effect
- Photon-intermediate direct energy conversion
- Photovoltaic effect
- Photovoltaics
- Piezoelectric speaker
- Piezoelectricity
- Power loss factor
- Pressure-retarded osmosis
- Pressure–volume diagram
- Pulverized coal-fired boiler
- Pyroelectricity

R
- Recycling
- Recycling rates by country
- Respiratory quotient
- Reversed electrodialysis

S
- Shockley–Queisser limit
- *Single-stage P2G*
- Soil salinity
- Soiling (solar energy)
- Solar cell
- Solar cell fabric
- Solar cell research
- Solar energy
- Solar power
- Solar power tower
- Solar Shade Control Act
- Solar thermal energy
- The Big Dish (solar thermal)
- Solar updraft tower
- Solar-assisted heat pump
- Space-based solar power
- Static synchronous compensator
- Steam engine
- Steam-electric power station
- Suntory Mermaid II
- Surface condenser
- Synchronous condenser

T
- Thermal efficiency
- Thermal power station
- Thermionic emission
- Thermo-dielectric effect
- Thermoacoustics
- Thermoelectric effect
- Thermoelectric materials
- Timeline of heat engine technology
- Transcritical cycle
- Trompe
- Two-photon photovoltaic effect
- *Two-stage P2G*

U
- United States hydrogen policy

V
- Vaneless ion wind generator
- Vortex engine

W
- Wall-plug efficiency
- Waste heat
- Wave farm
- Wave power
- Wind turbine

Y
- Yaw drive

Categories: Energy | Energy technology
Hidden categories: Commons category link from Wikidata

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