

1. Record Nr.	UNINA9910458483003321
Titolo	Dictionary of energy [[electronic resource] /] / editors-in-chief, Cutler J. Cleveland, Christopher Morris
Pubbl/distr/stampa	Amsterdam ; ; San Diego, CA ; ; Oxford, : Elsevier, 2006
ISBN	1-280-62169-9 9786610621699 0-08-045723-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (520 p.)
Altri autori (Persone)	ClevelandCutler J MorrisChris
Disciplina	333.7903
Soggetti	Power resources Natural resources Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Dictionary of Energy; Special Essays on Important Energy Terms; acid rain (p. 4); agriculture (p. 9); alternative fuel (p. 14); battery (p. 34); biomass (p. 42); blackout (p. 45); boiler (p. 48); bomb calorimeter (p. 49); boom and bust (p. 50); Calvin cycle (p. 61); cap and trade (p. 62); carbon (p. 64); carbon sequestration (p. 67); climate change (p. 79); coal (p. 82); combustion (p. 88); DDT (p. 108); distributed energy (p. 121); ecological energetics (p. 129); ecological footprint (p. 130); elasticity (p. 134); emergy (p. 139); endotherm (p. 142); energy (concept of) (p. 143) energy conservation (p. 143)energy-GDP ratio (p. 145); energy transitions (p. 146); entropy (p. 148); environmental Kuznets curve (p. 150); exergy (p. 156); experience curve (p. 157); fossil energy power plant (p. 172); fuel cell (p. 176); fuel economy (p. 177); general circulation model (p. 184); Ghawar (p. 188); Gibbs free energy (p. 189); global warming (p. 191); green certificate (p. 195); greenhouse gas (p. 196); heat (p. 202); horsepower (p. 212); Hubbert curve (p. 214); hydrogen (p. 218); industrial ecology (p. 226); Industrial Revolution (p. 227); input-output analysis (p. 229)

internal-combustion engine (p. 232) IPAT equation (p. 234); Jevons' paradox (p. 239); Krebs cycle (p. 244); Kyoto Protocol (p. 245); levelized cost (p. 252); light (p. 253); longwall mining (p. 261); lunar-solar power (p. 264); market-based instrument (p. 270); market failure (p. 271); Mauna Loa curve (p. 273); natural capital (p. 291); natural gas (p. 292); net energy (p. 295); NIMBY (p. 298); nongovernmental organization (p. 301); ocean energy (p. 306); oil crises (p. 309); oil sand (p. 310); oil spill (p. 311); OPEC (p. 312); Otto cycle (p. 316); passive solar energy (p. 322)  
peak oil (p. 324) peat (p. 325); perpetual motion (p. 327); photosynthesis (p. 332); primary energy (p. 346); quantum theory (p. 354); radiation (p. 357); recycling (p. 366); refrigeration (p. 369); renewable portfolio standard (p. 372); resource curse (p. 375); restructuring (p. 376); R-value (p. 383); seismic exploration (p. 391); smog (p. 400); sociopolitical collapse (p. 401); solar cell (p. 404); solar thermal energy (p. 408); strip mining (p. 424); supertanker (p. 431); synthetic fuel (p. 434); technological innovation (p. 437); temperature scales (p. 439); thermodynamics (p. 445)  
tidal energy (p. 449) turbine (p. 460); uranium (p. 467); vertical integration (p. 474); waste-to-energy (p. 478); wells-to-wheels (p. 482); wind farm (p. 486); wood energy (p. 488)

---

## Sommario/riassunto

At a time when the topic of energy prices, resources and environmental impacts are at the forefront of news stories and political discussions, we are pleased to announce the publication of the exciting new Dictionary of Energy. This authoritative resource, called "an essential reference for energy researchers" by Mark Jaccard, Director of the Energy and Materials Research Group at Simon Fraser University, covers all aspects of energy and its role in society. \* Over 8,000 definitions spanning 40 scientific disciplines\* More than 100 'window essays' written

---