



# Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency)

*OECD Organisation for Economic Co-operation and Development*

Download now

[Click here](#) if your download doesn't start automatically

# Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency)

*OECD Organisation for Economic Co-operation and Development*

**Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) OECD**  
Organisation for Economic Co-operation and Development

Electricity use is growing worldwide, providing a range of energy services: lighting, heating and cooling, specific industrial uses, entertainment, information technologies, and mobility. Because its generation remains largely based on fossil fuels, electricity is also the largest and the fastest-growing source of energy-related CO<sub>2</sub> emissions, the primary cause of human-induced climate change. Forecasts from the IEA and others show that decarbonising electricity and enhancing end-use efficiency can make major contributions to the fight against climate change.

Global and regional trends on electricity supply and demand indicate the magnitude of the decarbonisation challenge ahead. As climate concerns become an essential component of energy policy-making, the generation and use of electricity will be subject to increasingly strong policy actions by governments to reduce their associated CO<sub>2</sub> emissions. Despite these actions, and despite very rapid growth in renewable energy generation, significant technology and policy challenges remain if this unprecedented essential transition is to be achieved.

This book provides an authoritative resource on progress to date in this area, with statistics related to CO<sub>2</sub> and the electricity sector across ten regions of the world. It also presents topical analyses on meeting the challenge of rapidly curbing CO<sub>2</sub> emissions from electricity, from both a policy and technology perspective.

Table of Content :

**Introduction** by P. Benoit and R. Baron

## **ANALYSES**

**-Saving electricity in a hurry: an update** by S. Bryan Pasquier and G. Heffner

**-How can we make an Internet-surfing microwave oven go to sleep?** by V. Roside

**-State-owned enterprises and their domestic financial base: two keys to financing our low-carbon future** by P. Benoit

**-From deregulation to decarbonisation of the electricity sector** by M. Baritaud

**-An emissions trading system for Chinas power sector** by R. Baron and A. Aasrud

**-Managing policy interactions in the electricity sector for least-cost climate response** by C. Hood

**-Tracking clean energy progress in the electricity sector** by A. Gawel and U. Remme

**-The role of electricity storage in providing electricity system flexibility** by D. Elzinga, J. Dillon, M. OMalley and J. Lampreia

**-Potential for bioelectricity in Brazil from sugarcane residual biomass** by J. Lampreia

**-Bioenergy with carbon capture and storage: the negative emission concept** by C. Guivarch and W. Heidug

## **DATA**

-World

- OECD Americas
- OECD Asia Oceania
- OECD Europe
- Africa
- Non-OECD America
- Middle East
- Non-OECD Europe and Eurasia)
- Asia (excluding China and India)
- China
- India

**Geographical coverage**

**Acronyms and abbreviations, units of measure**

 [Download Electricity in a Climate-Constrained World: Data ...pdf](#)

 [Read Online Electricity in a Climate-Constrained World: Dat ...pdf](#)

## **Download and Read Free Online Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) OECD Organisation for Economic Co-operation and Development**

---

### **From reader reviews:**

#### **Curtis Russell:**

Often the book Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) will bring that you the new experience of reading a new book. The author style to explain the idea is very unique. Should you try to find new book you just read, this book very acceptable to you. The book Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) is much recommended to you you just read. You can also get the e-book in the official web site, so you can more easily to read the book.

#### **William Svendsen:**

Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) can be one of your nice books that are good idea. All of us recommend that straight away because this publication has good vocabulary that can increase your knowledge in vocabulary, easy to understand, bit entertaining but nevertheless delivering the information. The author giving his/her effort to get every word into joy arrangement in writing Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) but doesn't forget the main position, giving the reader the hottest and based confirm resource data that maybe you can be one among it. This great information can drawn you into completely new stage of crucial pondering.

#### **Debra Rubino:**

Are you kind of busy person, only have 10 or perhaps 15 minute in your day to upgrading your mind expertise or thinking skill possibly analytical thinking? Then you are having problem with the book as compared to can satisfy your short time to read it because this all time you only find book that need more time to be go through. Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) can be your answer since it can be read by an individual who have those short free time problems.

#### **Maureen Jones:**

Reading a book to be new life style in this season; every people loves to read a book. When you go through a book you can get a lot of benefit. When you read publications, you can improve your knowledge, because book has a lot of information in it. The information that you will get depend on what kinds of book that you have read. In order to get information about your examine, you can read education books, but if you act like you want to entertain yourself look for a fiction books, these us novel, comics, in addition to soon. The Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) will give you a new experience in reading a book.

**Download and Read Online Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) OECD Organisation for Economic Co-operation and Development #OPJCS690GI7**

## **Read Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) by OECD Organisation for Economic Co-operation and Development for online ebook**

Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) by OECD Organisation for Economic Co-operation and Development Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) by OECD Organisation for Economic Co-operation and Development books to read online.

### **Online Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) by OECD Organisation for Economic Co-operation and Development ebook PDF download**

**Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) by OECD Organisation for Economic Co-operation and Development Doc**

**Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) by OECD Organisation for Economic Co-operation and Development Mobipocket**

**Electricity in a Climate-Constrained World: Data and Analyses (International Energy Agency) by OECD Organisation for Economic Co-operation and Development EPub**