

New Zealand Energy Data File

2009

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Authorship

This publication was prepared by the Energy Information and Modelling Group of the Ministry of Economic Development. Principal contributors were Hien Dang, Bryan Field, Paul Hunt, Simon Lawrence, Michael Pittams and Samuel Thornton.

Thank you to Contact Energy for supplying the photograph from Poihipi geothermal power station used on the cover of this publication.

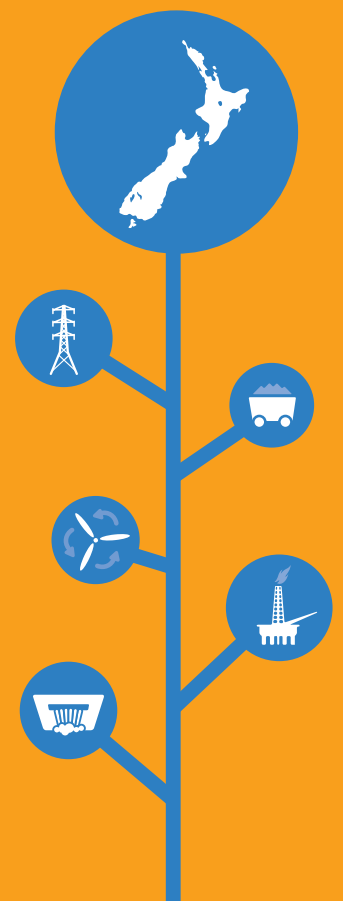
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Availability

This publication is available in both paperback and electronic form. To purchase a paperback copy of this publication, visit www.med.govt.nz/energy/data/order.

A free, online version of this publication can be downloaded from www.med.govt.nz/energy/edf/

The *New Zealand Energy Data File* provides annual data and information on New Zealand's energy sector and is part of the suite of publications produced by the Energy Information and Modelling Group of the Ministry of Economic Development.



New Zealand Energy Sources



What's new...

This edition of the *New Zealand Energy Data File* includes data through to the end of 2008.

This edition contains many enhancements to the data displayed to improve the usability of this publication. Key changes include:

- redesigned oil tables to combine information on crude oil, condensate and naphtha production, imports, and exports with refinery blendstocks and feedstocks information, making it easier to follow energy flows from oil production to refinery output
- a new gas supply and consumption table to enhance understanding of gas energy flows
- the addition of cogeneration information to the electricity section and a redesign of electricity consumption information to allow easier comparisons between sectors.

Changes made in the last edition of the *Energy Data File* around the definition of “National Transport”, which was replaced with “Transport Industry” and “Unallocated” categories, have been retained. Following on from these developments, work is underway to better understand the currently “Unallocated” demand of petroleum fuels.

Also in this edition, sectoral information is displayed with reference to the Australia New Zealand Standard Industrial Classification 2006 (ANZSIC2006) standard, which replaces the ANZSIC1996 standard. This provides improved sector descriptions and alignment between chapters.

Price information is now displayed primarily in the Prices section. This affects the Gas and Electricity sections.

Introduction

The *New Zealand Energy Data File (EDF)* provides annual data and information on New Zealand's energy sector and is part of the suite of publications produced by the Energy Information and Modelling Group of the Ministry of Economic Development. All group publications are available free to download from our website at www.med.govt.nz/energy/publications/.

The EDF provides comprehensive statistics and supporting information on New Zealand's energy supply, demand, prices and international comparisons. Data are displayed by fuel types, mostly as national aggregates. An energy overview and energy balance tables are provided to show the interconnections between different fuel types, energy transformation and energy end use. Data are presented in tables with annual data (in most cases) back to 1974 and quarterly figures for the last two years.

Scope: The EDF focuses on commercial energy – energy forms that are usually produced and sold as a fuel. Other forms of energy, such as photovoltaic solar generation, are not included because there is insufficient reliable data.

Accuracy: Not all the data supplied here are accurate to the exact number of significant figures or decimal places shown. These are supplied partly for consistency and to make it easier to compare figures over time. Totals may not exactly equal the sum of displayed data, as figures have been rounded.

Currency: All prices are in nominal New Zealand dollars unless otherwise stated.

Years and quarters: Annual data are principally presented for the years ending 31 December (calendar years), with quarterly data ending 31 March, 30 June, 30 September and 31 December. Some electricity data series are presented for the year ending 31 March due to the nature of data collection.

Web table data: The data presented and additional information, including the latest quarterly data can also be downloaded from www.med.govt.nz/energy/data/. This data is the most up to date data available, and may differ from what is published in this edition of the EDF due to corrections made after the EDF 2009 was finalised.

