

Energy Update

August 2009

Welcome to the latest issue of the Energy Update. We are pleased to report that we recently received our 25,000th request. Congratulations to Derek, who was pleasantly surprised to find that he had won a block of Energy chocolate to mark this milestone. We hope you enjoyed your treat Derek!

This month we introduce a new Energy Library service **English for International Engineers**, which you can read about on [page 9](#).

Also this month we have culled some books from our shelves and we are giving them away to good homes. See the [last page](#) for details.

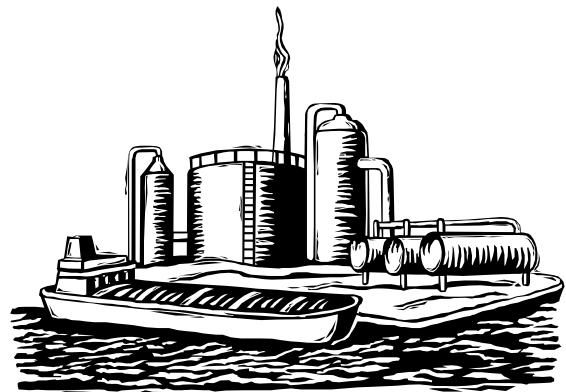
Members: To request any resource listed in this newsletter just [email](#) us its title or Ref code.

Non-members: You may be able to access items from your institutional or public library via inter-library loan.

Kat McAra, Current Awareness Advisor

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New Items for Loan

House insulation guide: Third edition. Porirua: BRANZ, 2007
(To borrow this publication email library@energylibrary.org.nz Ref: **0809-Loan1**)

Waikato regional energy strategy. 2009
A multi-stakeholder initiative by the Waikato Regional Energy Forum.
(To borrow this publication email library@energylibrary.org.nz Ref: **0809-Loan2**)

Energy policies of IEA countries: Japan 2008 review. Paris: OECD/IEA, 2008
Covers: Policy analysis (general energy policy, sustainable energy policies, and energy security); Sector analysis (fossil fuels, electricity, renewables, and nuclear energy); Energy technology (research and development).
(To borrow this publication email library@energylibrary.org.nz Ref: **0809-Loan3**)

Change management excellence. S. Cook and others. London: Kogan Page, 2004
Practical chapter-by-chapter checklists for those undergoing change and looking for successful international case studies.
(To borrow this book email library@energylibrary.org.nz Ref: **0809-Loan4**)

AS/NZS 3000: 2007. Electrical installations (reissued incorporating Amendment no. 1 July 2009). 5th ed.
Also known as the Australian/New Zealand Wiring Rules.
(To borrow this standard email library@energylibrary.org.nz Ref: **0809-Loan5**)

IEC 60376: 2005. Specification of technical grade sulfur hexafluoride (SF6) for use in electrical equipment. 2nd ed.
(To borrow this standard email library@energylibrary.org.nz Ref: **0809-Loan6**)

ISO 9001: 2008. Quality management systems: Requirements. 4th ed.
(To borrow this standard email library@energylibrary.org.nz Ref: **0809-Loan7**)

ISO 7194: 2008. Measurement of fluid flow in closed conduits - Velocity-area methods of flow measurement in swirling or asymmetric flow conditions in circular ducts by means of current-meters or Pitot static tubes.
(To borrow this standard email library@energylibrary.org.nz Ref: **0809-Loan8**)

Special Journal Issues

Intersolar 2009: Collectors and components. This 44-page special section in *Sun & Wind Energy* (issue 7, 2009) contains articles about the solar technology and innovations on display at the Intersolar trade fair held in Munich in June 2009.
(To borrow this whole issue email library@energylibrary.org.nz Ref: **0809-Loan9**)

Technological change and uncertainty in environmental economics. This 2009 special supplement to *Energy Economics* contains 6 articles including:

- Technological uncertainty and cost effectiveness of CO2 emission reduction
- Uncertain R&D, backstop technology and GHGs stabilization
- Advanced solar R&D: Combining economic analysis with expert elicitations to inform climate policy

(To borrow this whole issue email library@energylibrary.org.nz Ref: **0809-Loan10**)

New Management, Marketing and HR Articles

Technology, selection, and training in call centers. Sieben, Inge et al. *Industrial & Labor Relations Review*; Jul 2009, Vol 62 (4), p.553-572.

(To request: email library@energylibrary.org.nz Ref: **0809-Call**)

The persuasive power of story. Wachtman, Edward; Johnson, Sheree. *Marketing Management*; Jan/Feb 2009, Vol 18 (1), p.28-34.

(To request: email library@energylibrary.org.nz Ref: **0809-Power**)

Discover your persuasive story. Wachtman, Edward; Johnson, Sheree. *Marketing Management*; Mar/Apr 2009, Vol 18 (2), p.22-27.

(To request: email library@energylibrary.org.nz Ref: **0809-Discover**)

Morph the Web to build empathy trust and sales. Urban, Glen L. et al. *MIT Sloan Management Review*; Summer 2009, Vol 50 (4), p.53-61.

(To request: email library@energylibrary.org.nz Ref: **0809-Web**)

How to be a good boss in a bad economy. Sutton, Robert I. *Harvard Business Review*; Vol 87 (6) Jun 2009, p.42-50.

Even in times of economic growth, it's challenging to be a good boss. Research shows that people placed in positions of authority often become less mindful of others' feelings and needs. Meanwhile, those in subordinate roles devote immense energy to watching and interpreting the actions of leaders. These tendencies make for a toxic tandem, which is only exacerbated during a crisis. Sutton, a Stanford professor, provides a useful framework to get bosses focused on what their people need from them most.

(To request: email library@energylibrary.org.nz Ref: **0809-Boss**)

Appraising employee performance in a downsized organization. Krattenmaker, Tom. *Harvard Management Update*; May 2009, Vol 14 (5), p.3-5.

(To request: email library@energylibrary.org.nz Ref: **0809-Down**)

Successful corporate telecommuting with technology considerations for late adopters. John A. Pearce II. *Organizational Dynamics*; Apr/Jun 2009, Vol 38 (2), p.16-25.

(To request: email library@energylibrary.org.nz Ref: **0809-Tele**)

Financial decision makers' views on safety. Huang, Yueng-Hsiang; et al. *Professional Safety*; Apr 2009 Vol 54 (4), p.36-42.

(To request: email library@energylibrary.org.nz Ref: **0809-Safety**)

Find project risk before it bites you. Iijima, Timothy. *Journal of Corporate Accounting & Finance*; May/Jun 2008, Vol 19 (4), p.13-21.

(To request: email library@energylibrary.org.nz Ref: **0809-Risk**)

New Energy and Environment Articles

A shift in power. Mackenzie, Alistair. *E.NZ magazine*; Jul/Aug 2009 Vol 10 (4), p.4-13.
How Transpower plans to reverse the rot in our national grid.
(To request: email library@energylibrary.org.nz Ref: **0809-Transpower**)

Resource discontent. Keith Newman. *E.NZ magazine*; Vol 10 (3), May/June 2009, p.3-13.
The controversial Resource Management Act has remained emotionally charged throughout its 19 years as the umbrella legislation covering our interactions with the land, water and air. But it is about to change.
(To request: email library@energylibrary.org.nz Ref: **0809-RMA**)

Making waves: Planning for 'blue energy'. Cushla Loomb; Deborah Robertson. *Planning Quarterly*; (172), Mar 2009, p.6-8.
An article about the potential for wave energy in New Zealand.
(To request: email library@energylibrary.org.nz Ref: **0809-Waves**)



Development of the Kirklees renewable energy toolkit, UK. K. Deacon. *Institution of Civil Engineers. Proceedings - Energy*; Vol 161 (2), May 2008, p.63-72.
In today's modern built environment, the introduction of renewable energy technologies as part of new builds or refurbishments is increasing. Although national building regulations are starting to drive this through legislation, some local authorities are pushing boundaries further and championing renewable energy projects within their districts. Kirklees Council in Huddersfield, UK, is one such authority. Its policy for sustainable buildings encourages renewable energy technologies to be incorporated in non-domestic new builds and refurbishment projects once energy efficiency and energy conservation measures have been incorporated into the design. The key for successful implementation of such policies relating to renewables lies with the building designers. Therefore, a user-friendly renewable energy toolkit has been created to assist engineers and architects in the successful implementation of renewable energy technologies and, in turn, Kirklees policy within non-domestic building projects. The renewable energy toolkit consists of seven elements including a whole-life costing and carbon dioxide saving calculation tool, guidance checklists and a case study library to encourage the sharing of experience and best practice. An overview of the results of the testing phase of the toolkit provides an insight into the development process of the resource; brief examples utilising actual project data indicate the potential success of such a tool.
Abstract reprinted with the permission of Thomas Telford Limited:
http://www.ice.org.uk/services/services_journals.asp
(To request: email library@energylibrary.org.nz Ref: **0809-Tool**)

Impacts of the German support for renewable energy on electricity prices, emissions, and firms. Thure Traber; Claudia Kemfert. *Energy Journal*; Vol 30 (3), 2009, p.155-178.
(To request: email library@energylibrary.org.nz Ref: **0809-German**)

The future is guaranteed. Claudia Hilgers. *Sun & Wind Energy*; 4/2009, p.150-153.
An article about the state of the international wood pellet industry.
(To request: email library@energylibrary.org.nz Ref: **0809-Pellet**)

Biofuels 3.0 - monitoring progress towards sustainable alternatives. Nick Goodall. *Energy World*; (371) May 2009, p.10-12.

A year on from the introduction of the Renewable Transport Fuels Obligation, the author shares some findings from the Renewable Fuel Agency's administration of the scheme.

(To request: email library@energylibrary.org.nz Ref: **0809-Biofuels**)

Methane from biomass: Process-integration aspects. S. Heyne; S. Harvey. *Institution of Civil Engineers. Proceedings - Energy*; Vol 162 (1), Feb 2009, p.13-22.

The production of synthetic natural gas (SNG) via biomass gasification constitutes a promising option for biofuel manufacture due to its high conversion efficiency and diversity of end-use opportunities in different sectors. This paper presents a critical review of possible feedstock conversion paths from biomass to SNG via gasification. Similarities with research and development issues for coal gasification projects for SNG production are identified and the state of the art for the bottleneck stages of the conversion is discussed. The need for tools to improve process efficiency is clearly shown; the pinch methodology is a powerful tool for process integration and is of particular interest in this regard. Biofuel production processes often deliver multiple products and services such as heat, electricity and other by-products and are often referred to as polygeneration or biorefinery concepts. To take into account the multiple possible products and services resulting from SNG production, it is necessary to carefully define appropriate process performance indicators. For a sound assessment of the future potential of biomass-based SNG production, an evaluation of the most promising process alternatives against a background of possible future energy market scenarios is necessary. Abstract reprinted with the permission of Thomas Telford Limited:

http://www.ice.org.uk/services/services_journals.asp

(To request: email library@energylibrary.org.nz Ref: **Methane**)

Contextualizing avian mortality: A preliminary appraisal of bird and bat fatalities from wind, fossil-fuel, and nuclear electricity. Benjamin K. Sovacool. *Energy Policy*; Vol 37 (6), June 2009, p.2241-2248.

(To request: email library@energylibrary.org.nz Ref: **0809-Bird**)

Wind power interconnection into the power system: A review of grid code requirements. B. Singh; S. N. Singh. *The Electricity Journal*; Vol 22 (5), Jun 2009, p.54-63

The burgeoning wind sector, and its increasing influence on the operation and control of power systems, has made grid integration a key recent concern. Different countries are taking different approaches in setting up new grid codes to address this issue.

(To request: email library@energylibrary.org.nz Ref: **0809-Code**)

Electrifying cars: How three industries will evolve. Russell Hensley et al. *McKinsey Quarterly*; (3) 2009, p.87-95.

What might the impact of electric vehicles be on the car, battery and utility industries?

(To request: email library@energylibrary.org.nz Ref: **0809-Cars**)

The economics of buying a more fuel-efficient automobile: an interactive analysis.

Robert L Barke et al. *Journal of Financial Planning*; Vol 22 (6), Jun 2009, p.62-71.

(To request: email library@energylibrary.org.nz Ref: **0809-Fuel**)

Energy saving through building insulation and airtightness. N. Prescott. *Institution of Civil Engineers. Proceedings - Energy*; Vol 161 (2), May 2008, p.51-55.
(To request: email library@energylibrary.org.nz Ref: **0809-Insulation**)

Industrial energy projects and corporate carbon management. Robert J. Tidona. *Energy Engineering*; Vol 106 (5), 2009, p.51-62.
(To request: email library@energylibrary.org.nz Ref: **0809-Projects**)

How much would it cost to avoid climate change? Bryan Buckley; Sergey Mityakov. *World Economics*; Vol 10 (1), Jan/Mar 2009, p.107-149.
(To request: email library@energylibrary.org.nz Ref: **0809-Climate**)

Peak oil and climate change: scenarios and implications. Bryn Davidson. *Dissent*; (29) 01/03/2009, p.12-22.
The author discusses scenario-based planning as a means to address the challenge of transitioning to a post-carbon economy in Australia.
(To request: email library@energylibrary.org.nz Ref: **0809-Peak**)

Climate change: Are we asking the wrong questions? Suzanne Farver. *Environmental Quality Management*; Vol 17 (4), Summer 2008, p.31-43.
Discusses the challenge of communicating climate change issues to the public.
(To request: email library@energylibrary.org.nz Ref: **0809-Change**)

Going "green": State tax incentives and alternative energy. Larry R Garrison. *Journal of State Taxation*; Vol 27 (3), Mar 2009, p.43-66.
(To request: email library@energylibrary.org.nz Ref: **0809-Tax**)

Competitive markets. Christopher Cundy. *Environmental Finance*; Vol 10 (8), Jun 2009, p.22-24.
Despite the credit crunch, activity on carbon exchanges is heating up - as is competition between them.
(To request: email library@energylibrary.org.nz Ref: **0809-Carbon**)

New procurement approaches can modernize utilities. Robert Joslin; Dharmanand Shetty. *Natural Gas & Electricity*; Vol 24 (12), Jul 2008, p.6-10.
(To request: email library@energylibrary.org.nz Ref: **0809-Procure**)

Generating good profitability information. Paul V. Dunmore et al. *Chartered Accountants Journal*; Vol 88 (6), July 2009, p.36-39.
How accurate are the profitability figures for New Zealand electricity generators?
(To request: email library@energylibrary.org.nz Ref: **0809-Good**)



Market power in the German wholesale electricity market. Dominik Möst; Massimo Genoese. *The Journal of Energy Markets*; Vol. 2 (2), Summer 2009, p.47-74.
(To request: email library@energylibrary.org.nz Ref: **0809-Market**)

Evaluation of transmission system usage contributions. E. De Tuglie;
F. Torelli. *International Journal of Power & Energy Systems*; Vol 29 (2), 2009. p.157-163.
(To request: email library@energylibrary.org.nz Ref: **0809-Usage**)

Global turmoil reaches international LPG markets. Walt Hart et al. *Oil & Gas Journal*; Vol 107 (24), Jun 22 2009, p.58-65.

Less than a year ago global LPG prices approached all-time highs. Since then, the global economy has moved into a recession, the world's largest LPG producer (the US) has undergone a major change in political leadership, and crude oil prices have collapsed. These and other changes have affected global LPG markets and trade. Despite the turmoil, LPG production in 2008 rose in nearly every region of the world. LPG demand increased around the globe in 2008 to keep pace with supply. Base demand increased by 2.8%, and price-sensitive petrochemical demand increased by nearly 30% to absorb the additional supply that was available. The Middle East was responsible for one-fifth of world LPG supply in 2008 and has averaged 4.1%/year growth in LPG supply since 2000 despite consecutive production decreases in the region in 2001 and 2002. Northeast Asia had the second largest increase in LPG production in the world 2000-2008, behind the Middle East.

(To request: email library@energylibrary.org.nz Ref: **0809-LPG**)

Preliminary report on the commercial viability of gas production from natural gas hydrates. Matthew R. Walsh et al. *Energy Economics*; Vol 31 (5), Sep 2009, p.815-823.

Economic studies on simulated gas hydrate reservoirs have been compiled to estimate the price of natural gas that may lead to economically viable production from the most promising gas hydrate accumulations. As a first estimate, \$CDN2005 12/Mscf is the lowest gas price that would allow economically viable production from gas hydrates in the absence of associated free gas, while an underlying gas deposit will reduce the viability price estimate to \$CDN2005 7.50/Mscf. Results from a recent analysis of the simulated production of natural gas from marine hydrate deposits are also considered in this report; on an IROR basis, it is \$US2008 3.50-4.00/Mscf more expensive to produce marine hydrates than conventional marine gas assuming the existence of sufficiently large marine hydrate accumulations. While these prices represent the best available estimates, the economic evaluation of a specific project is highly dependent on the producibility of the target zone, the amount of gas in place, the associated geologic and depositional environment, existing pipeline infrastructure, and local tariffs and taxes.

(To request: email library@energylibrary.org.nz Ref: **0809-Hydrate**)

UK begins to catch up with competitive gas storage. *Energy World*; (370) Apr 2009, p.12-13

The UK's increasing reliance on gas imports, combined with a low storage capacity compared to European neighbours, is not great news for the future of UK energy security. Here, E.ON outlines the work it is doing in the UK and in Europe to build up storage capacity for gas.

(To request: email library@energylibrary.org.nz Ref: **0809-Storage**)

New solutions for energy storage and smart grid load management. Victor de Biasi. *Gas Turbine World*; Vol 39 (2), Mar/Apr 2009, p.22-24,26.

An article about developments in compressed air energy storage (CAES) technology.
(To request: email library@energylibrary.org.nz Ref: **0809-Air**)

The WOLF in pricing: How the concept of plug, play and pay would work for microgrids. Mark Lively. *IEEE Power & Energy*; Jan/Feb 2009 Vol 7 (1), p.61-69.

(To request: email library@energylibrary.org.nz Ref: **0809-Wolf**)

Towards a future with large penetration of distributed generation: Is the current regulation of electricity distribution ready? Regulatory recommendations under a European perspective. R. Cossent et al. *Energy Policy*; Vol 37 (3), Mar 2009, p.1145-1155.

(To request: email library@energylibrary.org.nz Ref: **0809-DG**)

Grid IT: Where energy meets communications. Budde, Paul. *Metering International*; (2) 2009, p.24-27.

(To request: email library@energylibrary.org.nz Ref: **0809-Grid**)



Distributed control approach for small-scale energy zones. P. Trichakis et al. *Proceedings of the Institution of Mechanical Engineers Part A: Journal of Power and Energy*; Vol 222 (2), Mar 2008, p.137-147.

A small-scale energy zone (SSEZ) is a conceptual future low-voltage distribution network (LVDN) configuration, containing controllable small-scale embedded generators (SSEGs), energy storage units, and consumer demands. The SSEZ concept, coupled with an appropriate active control approach, aims to increase the commercial value and environmental impact of SSEGs. Such an approach must overcome the SSEZ's LVDN constraints and meet its operational goals. The current paper presents preliminary research to: (a) identify the SSEZ control requirements, (b) select an appropriate control approach, and (c) conduct an initial approach evaluation.

(To request: email library@energylibrary.org.nz Ref: **0809-Small**)

Thermodynamic modelling and simulation of advanced combined cycle for performance enhancement. O. Singh Sanjay; B. N. Prasad. *Institution of Mechanical Engineers (IMECHE) Proceedings Part A: Journal of Power and Energy*; Vol 222 (6), Sep 2008, p.541-556.

This paper deals with the development requirements of a gas-steam combined cycle power plant with the aim of achieving plant efficiency in excess of 62 per cent through various possibilities of performance enhancement in topping cycle and bottoming cycle.

(To request: email library@energylibrary.org.nz Ref: **0809-Cycle**)

Probabilistic reserve schedule with demand-side participation. J. Bai et al. *Electric Power Components & Systems*; Feb 2008, Vol 36 (2), p.138-151.

(To request: email library@energylibrary.org.nz Ref: **0809-Demand**)

Analytical model for unavailability due to aging failures in power systems. Kaigui Xie; Wenyan Li. *International Journal of Electrical Power & Energy Systems*; Vol 31 (7/8), Sept 2009, p.345-350.
(To request: email library@energylibrary.org.nz Ref: **0809-Aging**)

Want to see more articles? We add new articles to our members' online catalogue every week. Please [contact us](#) if you have forgotten your login details.

Reports

TrustPower Ltd SWOT analysis. Datamonitor report. July 2009 (8 pages).
Company overview and strengths, weaknesses, opportunities and threats (SWOT) analysis of Mount Maunganui-based TrustPower Ltd by Datamonitor
(To request: email library@energylibrary.org.nz Ref: **0809-Trust**)

Royal Dutch Shell Plc SWOT analysis. Datamonitor report. June 2009 (11 pages)
Company overview and strengths, weaknesses, opportunities and threats analysis.
(To request: email library@energylibrary.org.nz Ref: **0809-Shell**)

English for International Engineers – a new Energy Library service

Coming to a new role in New Zealand from another country means not only learning a different company culture, but also dealing with language issues when:

- participating in meetings and using the phone
- preparing emails, minutes and reports
- giving presentations and negotiating



Do you know that our team includes a qualified and experienced Business English trainer?

For over 10 years, Christina has been coaching professionals – in particular engineers – from all around the world to confidently and effectively communicate with their clients and colleagues. She has spent a number of years in Europe working with engineering consultancies and energy utilities. Christina presented a paper on language coaching at a conference of leading international language practitioners held in Hong Kong in June 2009.

We are launching a new service for international engineers who want to advance their oral and written English communication skills in order to improve their performance at work.

Following an in-depth needs analysis involving both the individual and their manager, Christina tailors a programme to address the person's specific, work-related learning requirements and goals. Cost-effective delivery is through the appropriate combination of one-to-one coaching and/or small group training, including face-to-face, phone and email modes.

Please contact Christina at english@energylibrary.org.nz for more information.

Agenda 09: The Energy Roundtable

The Energy Roundtable is a one-day intensive event designed to engage, debate and progress priorities. You'll have the opportunity to participate in a range of weighty topics and discussion groups, where you and your colleagues can openly explore critical issues directly impacting your organisation and the wider industry.

Date: 20th October. Place: Wellington. More details can be found on the Conferenz [website](#).

Please [email us](#) if you would like your event to be featured in the Energy Update.



Energy on the Web

New Zealand

Improving electricity market performance – [Preliminary report](#) to the Ministerial Review of Electricity Market Performance by the Electricity Technical Advisory Group and the Ministry of Economic Development.

Electricity market reform – the Technical Advisory Group reports back – Law firm Russell McVeagh's [response](#) to the above report.

Resource Management (Simplifying and Streamlining) Bill - as [reported](#) from the Local Government and Environment Committee.

Energy greenhouse gas emissions 2009 – MED [report](#).

Multi-year ten-minute synthetic wind speed time-series for 15 actual or proposed New Zealand wind farms - NIWA [report](#) for the Electricity Commission.

Dynamic transmission line rating technology review - Hydro Tasmania Consulting [report](#) for the Electricity Commission.

Opportunities for live line working in New Zealand - KT Power [report](#) for the Electricity Commission.

About the New Zealand electricity sector - Electricity Commission plain English [overview](#) of the energy sector.

CFLs and mercury - Consumer [report](#) about the safety of broken compact fluorescent lamps.

Energy policy and research directions in the USA - A national and state view – This presentation by Mr. Morey Wolfson, Colorado Governor Bill Ritter's Energy Office at the August EFNZ Lunch Seminar is on the EFNZ [website](#) (publications section).

The national grid: Building for the future – This presentation by Wayne Brown of Transpower at the July EFNZ Lunch Seminar is on the EFNZ [website](#) (publications section).

Wind Energy Matters - NZWEA recently launched this [newsletter](#).

What to make of the Wolak Report - [presentation](#) slides from 20th July ISCR seminar.

Exercising unilateral market power in the wholesale electricity market - [presentation](#) by Johanna Branson (NZIER) on The Wolak Report at an Energy Law Association seminar.

Carbon footprint: Nelson Forests Ltd – project [report](#).

Carbon offsetting: Are New Zealand carbon offsetting schemes working? - Radio New Zealand National [audio file](#) 26th July 2009.

Distributed generation (rural wind turbine trial) - Radio New Zealand National [audio file](#) 20th August 2009.

International

Carbon Disclosure Project: The carbon chasm – Carbon Disclosure Project / BT [report](#).

Energy Security: A national challenge in a changing world - UK government [report](#).

Unlocking energy efficiency in the U.S. economy - McKinsey & Company [report](#).

Issues in relation to the availability and use of asset, expenditure and related information for Australian electricity and gas distribution businesses - AEMC [report](#).

Community Energy Saving Programme (CESP) 2009-2012 Supplier and generator guidance – Ofgem [consultation document](#).

Proposed retail market remedies - Ofgem [decision document](#).

Can energy charges encourage energy efficiency? – Ofgem [discussion paper](#).

ENA Guidelines for safe vegetation management work near live overhead lines – ENA [publication](#).

Fuel for Thought (Energy chocolate competition)

Answer this simple question and be in to win king size block of Energy chocolate:



Which famous Danish scientist, famous for his work on electromagnetism, was born on 14th August 1777? (Clue: H_ _ _ C _ _ _ _ _ _ _ O _ _ _ _ _)

[Email](#) us your answer before 4pm Fri 18th September to be in to win. Congratulations to John, who was the winner of the July draw.

P.T.O. for books needing a new home...

Books etc needing a new home

We've culled these duplicate publications from our shelves and we're giving them away on a first-come first-serve basis. Please [email](#) or phone us (04 801 8465) if you are interested in any of them:



Electrical safety engineering. Cooper, W. F. 2nd ed. London: Butterworths, 1986. (633p.)

Energy on the move: A history of EnergyDirect corporation Limited: 1922 – 1996. EnergyDirect. Wellington: Transalta New Zealand, 1997. (82p.)

International conference on DC power transmission (1984: Montreal, Quebec, Canada). Proceedings. Canadian Society for Electrical Engineering. IREQ, 1984. (240p.)

The J & P transformer book. Franklin, A.C.; Franklin, D.P. 11th ed. London: Butterworths, 1983. (815p.)

Modern power transformer practice. Feinberg, R. London: MacMillan, 1979 (359p.)

Power from Waikaremoana: A history of Waikaremoana hydro-electric power development. G.G. Natusch. Gisborne: Te Rau Press, 1992. (76p.)
Note: slightly water damaged.

Power generation technology: The international review of primary power production. Knox, Richard. London: Sterling. 1990/1991, 1992, 1993 (i.e. 3 books)

Power generation technology: The international review of primary power production. Knox, Richard. London: Sterling. 1994, 1995 (i.e. 2 books)

Power system protection reference manual: Reyrolle protection. Robertson, Denis. Boston: Oriel Press, 1982. (226p.)

Protective relaying theory and applications. Elmore, W. A. New York: Marcel Dekker, 1994. (367p.)

Protective relays: Their theory and practice. Vols. 1 and 2. Warrington, A.R.; Van C. 2nd ed. London: Chapman & Hall, 1968 and 1974.

Reliability evaluation of engineering systems: Concepts and techniques. Billinton, Roy; Allan, Ronald N. London: Pitman, 1983. (349p.)

Running down: Water in a changing land. Mary E. White. East Roseville: Kangaroo Press, 2000. (276p.)

If you wish to be subscribed or unsubscribed to the Energy Update just let us know by [email](#) or phone.

Web addresses (URLs) in this newsletter were valid on the date of publication but may change or be discontinued. Energy Library is not responsible for content on external websites.