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PANEL 1. ENERGY EFFICIENCY: A STRATEGIC CHOICE FOR EUROPE
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PANEL 2. COMFORT AND ENERGY USE IN BUILDINGS
Vincent Berrutto, EC – Joint Research Centre, Institute for Environment and Sustainability, Italy
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PANEL 3. LAND USE, TRANSPORTATION AND MOBILITY
Mohamed Mezghani, International Association for Public Transport (UITP), Belgium
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PANEL 4. BUILDING THE BRIDGE FROM LAB TO CUSTOMER
Lena Neij, University of Lund, Environmental and Energy Systems Studies, Sweden
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PANEL 5. MARKET-BASED INSTRUMENTS
Enzo di Giulio, Eni Corporate University – Scuola Mattei, Italy
Claudia Kemfert, Oldenburg University, Germany

PANEL 6. DYNAMICS OF CONSUMPTION
Margrethe Aune, Norwegian University of Science and Technology, SINTEF Teknologiledelse, IFIM, Norway
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Foreword: Time to turn on energy intelligence

Conference Managers: **Sophie Attali & Kenya Tillerson**
ICE – International Consulting on Energy, Paris, France

IN THIS VERY SPECIAL YEAR which marks the 10th anniversary of eceee, as Conference Managers we are proud of our participation in the organisation of the 2003 Summer Study.

Founded in 1993, the European Council for an Energy Efficient Economy promotes the understanding of energy efficiency in the society and contributes to making energy efficiency work in practice. The celebration of the 10th anniversary raises an obvious question: after 10 years of bringing together policy-makers, practitioners and thinkers, blending different disciplinary approaches, and balancing creative imagination with tangible results, how much progress has been made?

It would only be natural to find that members of the energy efficiency community are impatient: too little is being done too slowly. Nevertheless, looking back at the situation ten years ago, we must admit that there are several achievements to celebrate.

At European level, we can applaud the adoption of a series of Directives that aim to integrate energy efficiency into various European policies. The European Commission's Green paper "Towards a European Strategy for the security of energy supply" (2001) and the fact that it places energy demand management as a first priority for the future, is without a doubt a concrete and positive output of these last ten years of efforts from all European energy efficiency experts, many of which are members of eceee. Most Members States are following suite and have announced long term energy efficiency policies and emission reduction targets. Let us raise a toast for these important milestones attained.

Before we drink, however, we should ask ourselves are we only drinking to celebrate or are we also drinking to forget?

Forget that the future is not a bed of roses. Forget that the Kyoto protocol is only a (very) small step in the battle against climate change. Forget that with energy demand still strongly growing, and that Europe will most probably not fulfil its global Kyoto commitments. Forget that although most countries are now announcing very ambitious energy and climate objectives for 2050, few have set in motion the policies – with financial, institutional, and social backing – that need to be implemented today in order to reach these aims. Forget that the additional challenge for Europe 25 of integrating the Candidate countries is not being met with the necessary efforts to reduce their high energy intensities (masked today by the long-lasting economic crisis). Forget that while we advocate the right to development of all the world's populations, we, in the industrialised countries, still continue to drink deeply, knowing that the barrel may soon run dry…

So, we must ask: for issues as crucial as climate change, energy security and sustainable development, is a discourse on moderation, adjustment and even – the core of our activity – efficiency enough?

The answer seems evident and these summer study proceedings are full of ideas and examples demonstrating that energy demand should and can be turned down.

This year, we present a fine new vintage of energy intelligent solutions: from supranational policies to local initiatives, via land-use planning and personal lifestyles, new technologies designed, marketed and evaluated; from standards, to agreements and to financial incentives: the broad scope of questions raised when we challenge the ever-growing energy demand are scrutinised in these three volumes, through 146 papers and posters.

Volume I is comprised of the papers presented in Panel 1: Energy efficiency: a strategic choice for Europe and Panel 2: Comfort and energy use in buildings.

Volume II presents papers on Land use, transportation and mobility (Panel 3) and those which contribute to Building the bridge from lab to customer (Panel 4).

Volume III contains papers from Panel 5 on Market-based instruments and those from Panel 6 relating to the Dynamics of consumption.

These three volumes show that energy demand can be turned down through four main paths:

- Technologies to reduce energy consumption on the demand side are constantly developing;
- Organisational aspects of policies and programmes are evolving towards a diversity of partnerships (through procurement, benchmarking, etc.);
- Tools supporting these policies are also improving: moving away from stop-and-go subsidies towards co-operation between the public and the private sectors, the redeployment of regulations and fiscal measures;
- The philosophy behind the policies is questioned: what kind of society are we aiming for? What is progress? What is the measure of comfort? What do we pursue when we speak about development? What is the role of energy policy and policy experts in making these paradigmatic changes? And so on.

What we need is a change of scale.

To reduce by a factor of four the greenhouse gas emissions of Europe by 2050 seems to be a formidable and quite impossible challenge. But, if we look behind us at the world's energy situation in the mid twentieth century and visualise the progress achieved, we should be convinced that such an ambition is not unrealistic.

Many consider the goal of climate protection, security and sustainability as a constraint. We prefer to think it is a great opportunity, a chance to build the constituents of a new society . The message of the eceee 2003 Summer Study is definitely a positive one: Time to turn on energy intelligence.

So yes, we can drink with both enthusiasm and determination: happy anniversary eceee!

eceee Summer Study 2003 Proceedings

VOLUME 1 PROCEEDINGS

Acknowledgements iii
Foreword v

PANEL 1 ENERGY EFFICIENCY – A STRATEGIC CHOICE FOR EUROPE
Panel leaders: **Bernard Laponche, Hans-Joachim Ziesing**

Introduction to Panel 1 1

1,004 **Innovative approaches to finance energy efficiency projects in Russia**
Petra Opitz 3

1,011 **Australia's contribution on standby power**
Lloyd Harrington, Shane Holt 9

1,013 **Lessons learnt from Australia's standards & labelling program**
Shane Holt, Lloyd Harrington 21

1,017 **Advanced metering, dynamic pricing and demand response proceeding in California**
Arthur H. Rosenfeld 29

1,024 **Implementing climate related measures: will the Kyoto mechanisms release the demand side potential?**
Hans Nilsson 33

1,028 **Energy planning in Poland and Estonia against the background of their energy efficiency policies**
Katrin Blechschmidt 45

1,036 **EU-Russia energy dialogue and Russia's energy strategy – the vital role of energy efficiency**
Bernard Laponche, Théodore Filimon, Bessarion Jghenti 57

1,040 **Combining long term agreements with emissions trading: An overview of the current EU energy efficiency policies for the industrial sector and a proposal for a new industrial efficiency policy**
Otto Starzer, Paolo Bertoldi, Michael Sattler 67

1,045 **Appliance & equipment efficiency standards in the US: Accomplishments, next steps and lessons learned**
Steven Nadel 75

1,067 **What's wrong with energy efficiency? A comparative analysis of the barriers to municipal investments in energy efficiency in Bulgaria, the Former Yugoslav Republic of Macedonia and Hungary**
Silvia Lazarova, Konstantin Dimitrov 87

1,075 **Energy efficiency – an integrated concept in an integrated Europe**
Tudor Constantinescu, Rod Janssen 101

1,078 **Stimulating greenhouse gas emissions reductions in Central and Eastern economies, through EcoLinks program**
Violeta Kogalniceanu, Adam W. Hinge 109

1,100 **Energy efficiency projects and greenhouse gas emissions in Ukrainian district heating systems**
Mykola Raptsun, Volodymyr Deriy, Pavlo Shestopal, Georgiy Vainshtein 113

1,111 **Disseminating energy efficient technologies in emerging nations: the case for energy agencies in South Africa**
Barbara Praetorius, Jan W. Bleyl 117

1,128 **Energy efficiency in UK energy policy: a step change towards a low carbon economy**
Joanne Wade, Matthew Leach 131

1,130 **Energy efficiency policy instruments in Southeast European countries**
Zdravko G. Genchev 139

1,135 **Bringing energy efficiency to the liberalised markets**
Stefan Thomas, Randall Bowie, Wolfgang Irrek 149

1,138 **Energy conservation policy in Ukraine**
V. A. Zhovtyansky, E. P. Kolesnikova 159

1,139 **A handbook in evaluation of energy saving activities**
Kirsten Dyhr-Mikkelsen, Preben Birr-Pedersen, Peter Bach 169

1,141 **Greening the EU power market: Nordic perspectives on electricity disclosure**
Francis X. Johnson, Mattias Nordström 173

1,144 **A sustainable development obligation for Wales**
Charlotte Gibson 185

1,145 **The role of an advice infrastructure in the co-ordination and delivery of energy efficiency activity**
Colin Timmins, Philip Ivey. 199

1,159 **Implications of a deregulated electricity market on three major energy efficiency programs in Norway**
Ingunn Ettestøl, Hans Otto Haaland, Hans Nilsson 209

1,188 **Teaching and learning made easy: strengthening of the European Sustainable Energy Education Forum (ESEEF)**
Laila K. Lindseth, Kåre Albrechtsen 217

1,193 **Let's talk "energy efficiency + energy modesty"**
Albrecht Kaupp, Shashi Shekhar 221

1,203 **International energy efficiency benchmarking for plants and installations – combining strategic energy management and enhanced energy efficiency**
Joerg Meyer, Martin Kruska, Andreas Trautmann 231

1,204 **Carbon rationing, equity and energy efficiency**
Tina Fawcett. 239

1,206 **A case for self-deception in energy policy**
Harold Wilhite, Jorgen S. Norgard 249

1,209 **Restructuring, liberalisation and EU accession: are transition economies moving towards more sustainable electricity markets?**
Diana Ürge-Vorsatz, László Paizs, Radmilo Pesic 259

1,219 **Electricity labelling in the EU**
Kevin Lane 269

1,224 **Reducing UK residential carbon emissions by 60%**
Brenda Boardman. 273

1,227 **European best practices in energy efficiency programmes and in supportive policies aimed at increasing economic, social and environmental benefits of energy efficiency on the demand-side**
Wolfgang Irrek, Stefan Thomas, Lorenzo Pagliano, Gianluca Ruggieri, Carlos Lopes 281

PANEL 2 COMFORT AND ENERGY USE IN BUILDINGS
Panel leaders: **Vincent Berrutto, George Henderson**

Introduction to Panel 2 293

2,003 **A detailed analysis of the historical role of energy efficiency in reducing carbon emissions from the UK housing stock**
Les Shorrock. 295

2,021 **Residential building retrofit effectiveness analysis based on heat and water use data**
Denis Dogadin, Oleg Komarov, Boris Nekrasov 303

2,026 **Is one litre enough? – tenants' satisfaction in passive houses**
Andreas Hermelink, Hartmut Hübner. 315

2,033 **Energy savings from insulation improvements in electrically heated dwellings in the UK**
George Henderson, Dan Staniaszek, Brian Anderson, Mark Phillipson 325

2,042 **The design of a new European programme to promote energy-efficiency in non-residential buildings**
Vincent Berrutto, Paolo Bertoldi, Randall Bowie. 335

2,047 **CEPHEUS – measurement results from more than 100 dwelling units in passive houses**
Jürgen Schnieders. 341

2,061 **Towards a common European approach for energy labelling and assessment of existing dwellings?**
Guy Vekemans 353

2,062 **Heating systems in EU dwellings and labelling issues**
Peter Iles 359

2,073 **Labelling and other measures for heating systems – industry's perspective**
Stefan Lechtenböhmer, Oliver Wagner 365

2,089 **Economic optimisation of electric conductors in commercial and public buildings using methodology proposed by IEC 287-3-2**
Carlos G. Tanides, María J. Cánepa, Osvaldo D. Petroni, Juliana Rizzone, Héctor L. Soibelzon. 377

2,094 **Meeting the latent demand for low carbon housing? Constraints on consumer choice of housing in the UK**
Heather Lovell 383

2,102 **District heating management in restricted situation**
Catalin Daniel Galatanu. 393

2,116 **Conditions for the integration of energy-efficient technologies into households. Elements of the Portuguese experience**
Lívio Honório, Carlos Nascimento 399

2,123 **The actual and potential impact of residential electrical equipment energy efficiency policies in the OECD**
Benoit Lebot, Paul Waide 407

2,126 **Homespeed: the pan-European database for energy-efficient appliances, consumer electronics and office equipment**
Catelijne van de Moosdijk-Hendriks, Hans-Paul Siderius, Marion Bakker 413

2,134 **Identifying energy saving opportunities in buildings by the analysis of time series data**
Vasco Ferreira, Paul Fleming, Paul Ajiboye 417

2,147 **Energy efficiency indicators for high electric-load buildings**
Bernard Aebischer, Markus A. Balmer, Satkartar Kinney, Pascale Le Strat, Yoshiaki Shibata, Frédéric Varone. 429

2,153 **The process behind the project "houses without heating system" in Göteborg, Sweden**
Wiktoria Glad 441

2,155 **Visualisation turns down energy demand**
Ole Michael Jensen 451

2,167 **The impact of information and communication technologies on electricity consumption in Germany**
Clemens Cremer, Barbara Schlomann, Michael Friedewald 455

2,168 **DSM: major findings of an end-use metering campaign in 400 households of four European countries**
Olivier Sidler. 467

2,189 **Homes that work: practical, energy-efficient residential designs**
Larry Kinney. 475

2,197 **Role of insulation levels to reduce space heating demand in Japanese residential houses**
Fuminori Sano, Tsuyoshi Ueno, Daisuke Shimasaki, Osamu Saeki, Kiichiro Tsuji. 479

2,200 **Networks for energy management in the Tertiary Building Sector – replication of the successful Norwegian Building Networks program**
Thea Marie Mørk 485

2,231 **European Window Energy Rating System, EWERS: the future European, national or international standard?**
Diana Avasoo, Arne Andersson 493

VOLUME 2 PROCEEDINGS

PANEL 3 LAND USE, TRANSPORTATION AND MOBILITY
Panel leaders: **Mohamed Mezghani, Dominic Stead**

Introduction to Panel 3 503

3,008 **Emissions trading in international aviation: Possible design options for an emissions trading scheme and their impact on climate change and the aviation industry**
Odette Deuber, Martin Cames 505

3,018 **Decoupling the link between economic growth, transport growth and transport energy consumption in Europe**
Dominic Stead, David Banister 515

3,022 **Comparison of the environmental impact from aircraft and high-speed train operation**
Moshe Givoni 527

3,031 **Transportation and environment in Mexico city: reviving a bus system or giving in to the auto?**
Lee Schipper, Aaron Golub 539

3,034 **Sometimes, economic arguments are better for achieving efficiency in transport: A remarkable new market based approach on Commuter Mobility Management makes accessibility and energy efficiency go hand in hand**
Henk van Elburg 549

3,069 **Urban form and greenhouse gas emissions in Finland**
Irmeli Harmaajärvi 555

3,074 **ECO-DRIVING Europe – building the frame for a European market for eco-driving**
Willy Raimund, Stephan Fickl 565

3,079 **UK tax policies to control CO_2 emissions from motor vehicles – early impacts and lessons for other European countries**
Neil Wallis 569

3,118 **The Planning System and its impact on sustainable urban form and energy demand**
Maarten Wolsink 575

3,121 **Smart infrastructure solutions implemented in Stockholm – systematic approach on transports pays off in many ways**
Agneta Persson 587

3,146 **Is compact urbanisation the best way to reduce travel? – a theoretical approach**
Kees Maat 593

3,199 **Motorization and energy consumption in large cities in the OECD and Asia – tax incentives and public transportation for greater fuel efficiency**
Keiko Hirota, Kiyoyuki Minato 601

3,237 **The SEA BUS – a biogas driven commuter ferry for public transportation**
Mats Dryselius 609

PANEL 4 BUILDING THE BRIDGE FROM LAB TO CUSTOMER
Panel leaders: **Lena Neij, Jacky Pett**

Introduction to Panel 4 613

4,005 **"Efficient compressed air" – a successful campaign for energy efficient compressed air systems in Germany**
Annegret-Claudine Agricola, Peter Radgen 617

4,019 **Evaluation of the pilot procurement project in Germany**
Katrin Ostertag 623

4,030 **Creating markets for efficient technologies by establishment of strategic niche markets**
Clas-Otto Wene, Hans Nilsson 631

4,046 **Market transformation in the "New World": what's worked, what hasn't**
Jennifer Thorne, Steven Nadel, Harvey Sachs, Bill Prindle, Neal Elliott. 639

4,048 **Distributed generation – institutional change in the UK 2000-2003**
Andreas Biermann. 653

4,049 **Forecasting model for the Danish domestic sector**
Troels Fjordbak Larsen, Malene Hein Nybroe, Mikael Togeby 663

4,053 **Creating the market for innovative approaches to delivering the best locally appropriate low carbon solution**
Matthew Knight 667

4,054 **The result from EKO-energi in Sweden, a voluntary agreement for energy efficiency in industries**
Ulrika Uggla 671

4,055 **The future of Energy Star and other voluntary energy efficiency programs**
Alan Meier. 675

4,056 **Using government purchasing power to reduce equipment standby power**
Jeffrey Harris, Emily Bartholomew, Joan Glickman, Alison Thomas,
Alan Meier, Michelle Ware 681

4,063 **The language of energy efficiency – industry vs energy freaks. Experiences from case studies**
Erik Gudbjerg, Agneta Persson. 693

4,064 **Extending certification to energy management systems: a contribution to improve energy efficiency in industry**
Denis A. Coelho, João Carlos de Oliveira Matias, António Espírito Santo 703

4,071 **Mid-market transformation programs: programs to promote best practices in system specification and installation**
Mitchell Rosenberg 709

4,077 **Remote metering of electricity as a tool for the promotion of energy efficiency**
Aníbal T. de Almeida, Paula Fonseca, Carlos Parente Rodrigues, Artur Barros
Andreas Jahn, Michael Broege. 719

4,083 **Energy efficiency in commercial offices: who can transform the market?**
Jacky Pett , Lotte Ramsay 729

4,093 **Who should administer energy-efficiency programs?**
Carl Blumstein, Charles Goldman, Galen L. Barbose. 741

4,099 **Pilot Tailoring via Internet, a strategy to promote energy efficiency within Dutch households**
Iemy Brand, Jessica Dirks 751

4,106 **Energy Premium Scheme (EPR) for domestic appliances in the Netherlands**
Hans-Paul Siderius, Annemie Loozen 755

4,107 **Energy+ cold appliances beyond the A label, thanks to pan-European procurement**
L. Wijshoff, Sophie Attali. 761

4,108 **How are new technologies brought into energy efficiency programmes?**
Zoltan Zavody. 765

4,114 **Scenarios for the integration of renewables in a European cities network**
P.H. Webber, D. Lack, M. Pardo. 775

4,120 **Perspectives on performance and policy in industry – environmental and quality concerns to enhance energy efficiency**
Joakim Nordqvist, Gabriel Somesfalean. 783

4,127 **Joining forces – a market transformation network for pushing white LED-technology in North Rhine-Westphalia**
Claus Barthel, Stephan Ramesohl. 791

4,133 **The need for a better approach to business energy management: engaging decision makers**
Jonathan Jutsen, Shel Feldman 799

4,137 **The power of the public purse: energy efficiency in Europe's public sector can save 12 billion euro/year**
Nils Borg, Ylva Blume, Stefan Thomas, Wolfgang Irrek, Andrew Pindar 807

4,140 **Web site for energy efficiency – a tool for sound investments**
Margot Bratt, Lotta Bångens, Anna Forsberg 819

4,178 **Energy-efficient distribution transformers: a hidden opportunity for large scale energy savings**
Benoit Lebot, Hans De Keulenaer, Patrick Hurens 825

4,180 **Marginal costs, cost dynamics and co-benefits of energy efficiency investments in the residential buildings sector**
Martin Jakob, Sharon Nutter 829

4,192 **Agreed performance criteria for efficient housing solutions**
Hans Westling, Ingvar Andreasson, Ronny Bergens 843

4,194 **Energy audits – best practice and decision support**
Kari Aamodt Espegren 847

4,214 **What's the problem with non-conventional technology? The Stockholm Local Investment Programme and the eco-cycling districts**
Jonas R. Bylund 853

4,215 **How to achieve energy efficiency actions as an alternative to grid reinforcement!**
Håvard Nordvik, Per Edvard Lund 863

4,216 **Measures and tools for energy efficient public buildings**
Andrew Pindar, Stefan Thomas 873

VOLUME 3 PROCEEDINGS

PANEL 5 MARKET-BASED INSTRUMENTS

Panel leaders: **Enzo Di Giulio, Claudia Kemfert**

Introduction to Panel 5 877

5,002 **Japan's energy-saving policy and first ESCO Project on private fund undertaken by local government**
Etsuo Shito 881

5,020 **Present condition of ESCO business for carrying out climate change countermeasures in Japan**
Chiharu Murakoshi, Hidetoshi Nakagami, ... 885

5,029 **Emission trading north – benefits for the economy and the environment**
Katja Barzantny, Michael Hahn, Martin Kruska, Michael Klein 893

5,037 **CDM-JI potential and energy efficiency: an application to Italy**
Enzo Di Giulio, Stefania Migliavacca, Alessandro Vaglio 897

5,041 **How are EU ESCOs behaving and how to create a real ESCO market?**
Paolo Bertoldi, Vincent Berrutto, Mario de Renzio, Jerome Adnot, Edward Vine 909

5,043 **Design of a new scheme for tradable certificates for renewable electricity and energy efficiency**
Thomas Huld, Paolo Bertoldi 917

5,052 **New market based price regulation on combined heat and power in Denmark**
Jesper Koch, Marianne Nielsen, Anders B. Hansen, Henrik Lawaetz 925

5,060 **Allocation of CO_2 allowances and competitiveness: a case study on the European iron and steel industry**
Philippe Quirion 931

5,066 **How much market do market-based instruments create? An analysis for the case of "white" certificates**
Ole Langniss, Barbara Praetorius 943

5,072 **Price responsive load programs: U.S. experience in creating markets for peak demand reductions**
Miriam L. Goldberg, Thomas Michelman, Mitchell Rosenberg 953

5,080 **How to dismember a potent instrument – the intractability of the emission trade proposal of the European Commission**
Juha Honkatukia, Heikki Kemppi, Adriaan Perrels 965

5,081 **The resurgence of DSM and the role of branding in power markets**
Adriaan Perrels, Philip Lewis 975

5,109 **Pay for load demand – electricity pricing with load demand component**
Jurek Pyrko, Kerstin Sernhed, Juozas Abaravicius, Victoriano Pérez Mies 987

5,119 **Building up a market for Third Party Financing in Upper Austria**
Christiane Egger, Christine Öhlinger 999

5,142 **Emissions trading: decades of existence. Big Future?**
Popovych Olena 1005

5,158 **Energy performance contracting: success in Austria and Germany – dead end for Europe?**
Friedrich Seefeldt 1013

5,165 **Simulating emissions trading in Southwest Germany**
Joachim Schleich, Regina Betz, Karl-Martin Ehrhart, Christian Hoppe, Stefan Seifert . . .1023

5,166 **Barriers to energy efficiency – an econometric analysis of determinants**
Edelgard Gruber, Joachim Schleich 1033

5,177 **Energy performance contracting will improve climate and business**
Hans Westling 1041

5,195 **From volatility to value: analysing and managing financial and performance risk in energy savings projects**
Evan Mills, Steve Kromer, Gary Weiss 1049

5,228 **The Italian energy saving obligation to gas and electricity distribution companies. Scenario and case studies calculations show high environmental and economic benefits to actors (DISCOs, ESCOs, customers) and society**
Lorenzo Pagliano, Pierluigi Alari, Gianluca Ruggieri 1059

PANEL 6 DYNAMICS OF CONSUMPTION
Panel leaders: **Margrethe Aune, Mithra Moezzi**

Introduction to Panel 6 1069

6,006 **Reducing consumption through communal living**
Horace Herring 1073

6,009 **Options and potentials of energy diaries: Energy diaries as a tool for identifying potential energy savings through behavioural changes**
Martin Cames, Bettina Brohmann. 1079

6,010 **Home owners partnerships and "Mulokot" centres – a dialog in search of ways to implement the turn down energy demand strategy in housing sector of Uzbekistan**
Rano Baykhanova, Said Inogamov 1091

6,023 **User-led innovations, participation processes and the use of energy technologies**
Michael Ornetzeder, Harald Rohracher 1099

6,035 **A dynamic structuration approach to information for end-user energy conservation**
David L. Goldblatt 1111

6,039 **Individual demand for energy services**
Roland Menges 1123

6,050 **Beyond households: discovering the collective consumer**
Corinna Fischer. 1135

6,051 **Bill me this way! – customer preferences regarding electricity bills in Sweden**
Kerstin Sernhed, Jurek Pyrko, Juozas Abaravicius. 1147

6,065 **From motivation and cognition theories to everyday applications and back again: the case of product-integrated information and feedback**
L. T. McCalley 1151

6,076 **Long term effects of an energy efficiency advertising campaign**
Klaus Wortmann, Werner Möhring-Hüser 1159

6,088 **Learning about smart systems for comfort management and energy saving in office buildings**
Jaap Jelsma, René Kamphuis, Wim Zeiler 1171

6,097 **Barriers to efficient use of energy in public higher education buildings – a case study**
A. Gomes Martins, Simão Paredes 1181

6,122 **Evaluating energy efficiency campaigns targeted at children: towards a best practices methodology**
Heming Bjørnå, Kirsten Dyhr-Mikkelsen 1191

6,129 **Social obstacles in curbing residential energy demand**
Per Anker-Nilssen 1195

6,150 **Hard to Reach and Hard to Help: bringing energy efficiency to elusive audiences**
Lotte Ramsay, Jacky Pett 1205

6,157 **Making sense of energy advice**
Sarah Darby 1217

6,173 **Energy efficiency as environmental justice: promoting urban sustainability through energy efficiency improvements in multi-family housing in Latvia**
Guntra Aistara 1227

6,184 **A socio-anthropological approach to energy-related behaviours and innovations at the household level**
Françoise Bartiaux 1239

6,202 **Learning by having fun**
Liv R. Lindseth 1251

6,210 **Turning down demand through electricity disclosure: are consumers ready? A survey of Hungarian residences and businesses**
Réka Soós, Diana Ürge-Vorsatz 1261

6,220 **Energy savings in Scandinavian households: an assessment of 25 years development**
Fridtjof Unander, Ingunn Ettestøl, Mike Ting 1273

6,230 **Information technology meets energy efficiency: a fruitful combination**
Peter T. du Pont, Henrik Rytter Jensen, Frantz Longhi 1281

Indexes
Author index 1287
Keyword index 1291