

# MBL Energy Law Syllabus 2017-18



27<sup>th</sup> September 2017

DATES, NAMES, AND TITLES OF LECTURES MAY BE SUBJECT TO CHANGE.

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GERMANY

Welcome to the Energy Law Master Program!

Dear Students,

Germany is home to the largest energy sector in Europe and a forerunner in renewable energy deployment. Where else would you study energy law than in Germany's capital?

We warmly welcome you our TU master program, where experient experts from academia and practise will tranfer the latest insights in the field of energy and prepare you for leading positions in the energy industry, law firms and regulatory authorities.

We wish you an inspiring and rewarding time with students from all over the world in Berlin's cosmopolitan flair.

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# General Information

## Lectures

Thursdays 9:30 am - 17:00 pm,

Fridays 9:30 am - 17:00 pm.

Standard times, may be subject to change. Exact titles of lectures, lecturers and literature lists to be published in due time. Attendance obligatory.

## Tutorials

Wednesdays 10:15 am - 12:30 pm.

Tutorials repeat lecture material, supply supportive information or offer additional training, e.g. in scientific writing. Attendance voluntary.

## Visitations

Wednesdays from 13:00 pm

Extra-curricular visitations and presentations by research institutes or commercial enterprises are regularly scheduled on Wednesdays. Registration before attendance may be required.

## German for Beginners Class

Mondays & Tuesdays 09:00 am - 12:00 pm,  
12:30 pm - 15:30 pm.

Language classes incur a small additional fee.  
Attendance voluntary.

## Moodle

Online learning platform for academic exchange, preparation, recapitulation, and research. Distribution tool for materials, exam results, etc.

## Exams

A written exam, paper, or report concludes each module. Attendance obligatory.

## **Participation**

Students are encouraged to self-organise, form committees, and vote a speaker. TU statutes stipulate student's participation in committees as the examination board. Students are asked to choose two german speaking students as their representatives for the examination board. Students are asked to provide feedback on lecturers, tutorials, coaching, organisation, and service.

## **Consultancy**

On Appointment.

First contact for all academic topics are your supervisors. Students are welcomed to seek advice and present ideas in person. Please make an appointment beforehand.

# First Semester

## Opening Ceremony

### October 9th 2017, 16:00 pm

16:00 pm - 17:00 pm	Welcome Address
17:00 pm - 18:00 pm	Snacks and drinks
18:00 pm - 19:00 pm	Informal gathering
	Watertower, house 18, EUREF Campus
	Music, socializing

## Orientation Week

### Oct. 10th 2017 - TU Campus Schöneberg

9:00 am - 10:00 am	Software Hookup and Introduction to Online Tools House 9, TU Campus EUREF
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Setting up passwords; establishing a VPN-connection with the TU internal network; accessing university library material; using the online platform Moodle. Bring your passwords and devices please.

10:00 am - 15:00 pm	House 9, EUREF Campus Campus Walk, Gasometer
15:00 pm - 18:00 pm	Heuberger restaurant, Informal gathering

The historic gasometer on the campus offers a stunning view on the campus and the city. It may well be windy up there, so make sure you are dressed appropriately. Cameras etc. need to be secured to be allowed up there. Wear outdoor clothes. In parallel, we will walk around the campus and the vicinity for orientation.

### Oct. 13th 2017 - TU Main Campus and Libraries

10:00 am - 11:30 am	TU Main Library Tour, Fasanenstr. 88, BIB 012
11:30 am - 13:30 pm	TU Main Campus Tour, lunch at TU mensa
14:30 pm - 15:30 pm	Free University (FU) Law Library Tour, Van't-Hoff-Str. 8

First, the library team will show us how to use the TU main library. Afterwards, we will have a tour of the TU Main Campus and have lunch at the TU mensa. After lunch, we will move to FU Campus and we will have a visiting of the FU Law Library.

### **Oct. 17th 2017 - State Library (StaBi) Tour**

10:00 am - 11:30 am State Library (StaBi) Tour, Potsdamerstr. 33

State Library team will introduce us to the Berlin State Library, which has the biggest collection of law books in English in Berlin.



## Module 1 Legal Framework for the Functioning of Energy Markets

**Aim and Scope** This module introduces to the structure and methodology of European and International Energy Law.

**Keywords** *European Law, market freedoms, competition law, 101 TFEU, 102 TFEU, prohibition of anticompetitive agreements and concerted practices, abuse of dominance, merger control, state aid, guidelines on state aid and environmental protection, international law, international investment law, Internal Dispute Resolution, antidumping, subsidies, Energy Security of Supply.*

### Lectures

<b>Oct. 11th 2017</b>	Introduction to the Law of the European Energy Union Prof. Dr. iur. Dr. rer. pol. Dres. h.c. Franz Jürgen SÄCKER, Prof. Dr. Lydia SCHOLZ
<b>Oct. 12th 2017</b>	Propedeutic Introduction to the Methodology of European Law Prof. Dr. Lydia SCHOLZ
<b>Oct. 19th 2017</b>	Fundamentals of European Law, Market Freedoms Prof. Dr. Lydia SCHOLZ
<b>Oct. 20th 2017</b>	The Application of Competition Law to the Energy Sector (Art. 101 TFEU and Merger Control) Prof. Dr. Antonis METAXAS
<b>Oct. 25th 2017</b>	Excursion to an Energy Intensive Undertaking AURUBIS AG, Hamburg
<b>Oct. 26th 2017</b>	The Application of Competition Law to the Energy Sector (Art. 102 TFEU, Introduction) Michael ALBERS
<b>Oct. 27th 2017</b>	State Aid Law Juliane STEFFENS
<b>Nov. 3rd 2017</b>	International Dispute Resolution in the Energy Sector Agnieszka ASON
<b>Nov. 8th 2017</b>	Energy Security of Supply Anna Samsel VAN HAASTEREN
<b>Nov. 9th 2017</b>	International Investment Law and Energy Sector Prof. Dr. Steffen HINDELANG
<b>Nov. 10th 2017</b>	Energy Law between Competition and Regulatory Law Dr. Oliver KOCH

## **Paper**

**Nov. 13th - Nov. 22nd 2017**

Paper, 10 pages, pass / fail

## **Tutorials**

**Oct. 18th 2017**

Scientific Writing  
Formal Requirements and Good Practice

**Oct. 24th 2017**

European Law

**Nov. 1st 2017**

Competition Law

**Nov. 7th 2017**

State Aid Law, Regulatory Law

## Module 2 Economic Foundations of Regulatory Law

**Aim and Scope** This module provides a general introduction to the economics and general foundations of regulatory law.

**Keywords** *Economic foundations, regulatory regimes, grid economy, public utilities, access regulation, tariff regulation, price regulation, rate of return, price cap, incentive regulation, deregulation, system operation, balancing.*

### Lectures

<b>Nov. 23rd 2017</b>	Foundation of Present European Energy Supply Prof. Dr. Joachim MÜLLER-KIRCHENBAUER
<b>Nov. 24th 2017</b>	Excursion to a Gas Intensive Undertaking GASAG, Berlin
<b>Nov. 30th 2017</b>	Economic Principles of Regulation I Prof. Dr. Anne NEUMANN
<b>Dec. 1/7th 2017</b>	Economic Principles of Regulation II, III Prof. Dr. Anne NEUMANN
<b>Dec. 13th 2017</b>	Repetition with cases - Preparation for the exam Sara HOFFMAN
<b>Dec. 14/15th 2017</b>	Introduction to the Economic Fundamentals of Regulatory Law and the Grid Economy Dr. Jan Peter SASSE

### Exam

<b>Jan. 12th 2018</b>	Written exam, 90 minutes, graded
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### Tutorials

<b>Nov. 29th 2017</b>	Foundation of Present European Regulatory Regimes
<b>Dec. 13th 2017</b>	Repetition with cases - Preparation for the exam

## Module 3 Introduction to Regulatory Law

**Aim and Scope** This module explores the fundamental principles of infrastructure regulation based on a comparative approach with the law of other countries.

**Keywords** *Liberalisation, privatisation, regulation, regulatory law, network industries, 3rd energy package, natural monopolies, TPA, ex-post and ex-ante control, essential facilities doctrine, regulatory authorities, unbundling regimes, ownership unbundling, ISO, ITO, comparative regulatory law, Chinese Energy Law, Swiss energy law, Russian energy law, US energy law.*

### Lectures

<b>Jan. 4th 2018</b>	From Competition Law to Regulatory Law (and back?) Prof. Dr. Torsten KÖRBER, Dr. Carsten KÖNIG
<b>Jan. 5th 2018</b>	Natural Monopolies (Third Party Access) Prof. Dr. Jochen MOHR
<b>Jan. 8th 2018</b>	Introduction to US Energy Law Paul DEEMER
<b>Jan. 11th 2018</b>	Unbundling Regimes Dr. Ansgar SCHÖNBORN
<b>Jan. 12th 2018</b>	Introduction to US Energy Law and Economics Prof. Dr. Jürgen MÜLLER; Juliane STEFFENS
<b>Jan. 18th 2018</b>	Introduction to Chinese Energy Law Xiaofei MAO
<b>Jan. 19th 2018</b>	Introduction to Swiss Energy Law Prof. Dr. Andreas HEINEMANN
<b>Jan. 19th 2018</b>	Introduction to Russian Regulatory Law Dr. Elena TIMOFEEVA, Dr. Lina BEREZGOVA
<b>Jan. 25th 2018</b>	The impact of Brexit on UK Energy Law and Policy Anna Stanič

### Exam

<b>Jan. 26th 2018</b>	Written exam, 90 minutes, graded
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### **Tutorials**

**Jan. 10th 2018**      From Competition Law to Regulatory Law

**Jan. 17th 2018**      Natural Monopolies, Unbundling

**Jan. 24th 2018**      Swiss, Russian and US Law

## Module 4 Technical Fundamentals and Legal Framework for Electricity Generation

**Aim and Scope** This module focuses on the legal framework for electricity generation – the first stage of the electricity value chain.

**Keywords** *EU renewable energy law, climate change, Paris Agreement, combined-heat-and-power production plants, promotion of renewables, grid-related instruments, financial instruments, emission trading systems (ETS), product liability law, authorisation procedure, environmental law.*

### Lectures

<b>Feb. 1st 2018</b>	Technical Fundamentals for Energy Generation and Supply Prof. Dr. Joachim MÜLLER-KIRCHENBAUER
<b>Feb. 2nd 2018</b>	Climate change: Legal Framework and Negotiations Arne RIEDEL
<b>Feb. 2nd 2018</b>	EU Renewable Energy Law Dr. Christian HAMPEL
<b>Feb. 8th 2018</b>	Legal Framework for Renewable Energy Plants and CHP Power plants Prof. Dr. Lydia SCHOLZ
<b>Feb. 9th 2018</b>	Emission Trading Systems Dr. Teresa HOPFENSITZ, Dr. Martin GERIG
<b>Feb. 15th 2018</b>	Product Liability Law and Energy Industries Dr. Susanne WENDE
<b>Feb. 16th 2018</b>	The Authorisation Procedure for Energy Plants Dr. Matthias LANG
<b>Feb. 22nd 2018</b>	Excursion to a Power Plant VATTENFALL, Berlin
<b>Feb. 23rd 2018</b>	Excursion to a Photovoltaics Manufacturer ALEO SOLAR, Prenzlau

### Exam

<b>Feb. 22nd 2018</b>	Oral reports, 5 minutes, pass / fail
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## **Tutorials**

**Feb. 7th 2018**            EU Renewable Energy Law

**Feb. 14th 2018**        Climate Change and Emmission Trading Systems

# Second Semester

## Module 5 The Legal Framework for Grid Operation

**Aim and Scope** The module deals with the legal framework of the construction and operation of electricity and gas grids in Europe.

**Keywords** *Technical and operational requirements for networks, grid regulation, infrastructure regulation, network development, market integration, market coupling, offshore wind regulation.*

### Lectures

<b>Apr. 19th 2018</b>	Operation of Electricity Networks and Infrastructure Convergence, Dr. Matthias MÜLLER-MIENACK
<b>Apr. 20th 2018</b>	Excursion to a TSO 50Hertz Transmission GmbH, Berlin
<b>Apr. 26th 2018</b>	EU Infrastructure Regulation Dr. Carsten KÖNIG
<b>Apr. 27th 2018</b>	Network Development and Market Integration Dr. Carsten KÖNIG
<b>Apr. 27th 2018</b>	Digitalisation of Energy Markets Xenia ZWANZIGER
<b>May 3/4th 2018</b>	Grid Regulation; Offshore Regulatory Regime Dr. Jörg MEINZENBACH, Dr. Dirk UWER, Dr. Daniel J. ZIMMER

### Exam

<b>May 7th - 16th 2018</b>	Paper, 10 pages, graded
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### Tutorials

<b>Apr. 25th 2018</b>	Technical and Operational Requirements for Electricity Networks
<b>May 2nd 2018</b>	EU Infrastructure Regulation



## Module 6 The Legal Framework for Energy Trade and Supply

**Aim and Scope** This module addresses energy wholesale trading and looks closer at the final stage of the value chain: electricity and gas supply.

**Keywords** *Electricity and gas supply contracts (B&B and B&C contracts), drafting of contracts, energy trade, energy exchange, over-the-counter trade, spot and derivative markets, wholesale markets, WTO and Energy Charter Treaty, EU external relations, gas supply relationship EU-Russia, energy policy, energy security, security of supply.*

### Lectures

<b>May 17th 2018</b>	Electricity Supply Contracts I Dr. Anke REIMERS
<b>May 18th 2018</b>	Electricity Supply Contracts II Dr. Steffen KNEPPER, Dr. Martin WEITENBERG
<b>May 24th 2018</b>	Energy Trade Law Agnieszka ASON
<b>May 25th 2018</b>	International Energy Law: WTO and Energy Charter Treaty Prof. Dr. Steffen HINDELANG
<b>May 30th 2018</b>	European Energy Policy in the international Context Peter HOHAUS
<b>May 31st 2018</b>	EU Energy Policy and Russian Natural Gas Geopolitics Christian CLEUTINX
<b>June 1st 2018</b>	Excursion to European Energy Exchange EEX, Leipzig
<b>June 7/8th 2018</b>	Gas Supply to the European Union: European and Internal Law Aspects Tibor SCHARF

### Paper

**June 11th - 20th 2018**  
Paper, 10 pages, graded

## **Tutorials**

<b>May 23th 2018</b>	Electricity Supply Contracts
<b>May 29th 2018</b>	Energy Trade Law and International Energy Law: WTO and Energy Charter Treaty
<b>June 6th 2018</b>	European Energy Policy - Gas Supply Relationship EU-Russia

## Module 7 Master Thesis

**Supervisors** Individual.

**Aim and Scope** Students proof with the Master Thesis to be able to research a topic scientifically and deliver scientific results in a limited time frame. Once registered for the thesis, students have three months to conclude.

**Schedule** June 28th – Sept. 28th 2018

**Contents** Individual topics.

**Form** Fifty pages, plus introduction and annex(es). In English. Scientific standards prerequisite. More detailed formal requirements to be announced.

## References

- [1] Uwe Ahrens, Moritz Diehl, and Roland Schmehl, editors. *Airborne Wind Energy*. Springer, 2014.
- [2] European Wind Energy Association. *Wind Energy - The Facts: A Guide to the Technology, Economics and Future of Wind Power*. Taylor & Francis Ltd., 2009.
- [3] Robert Baldwin, Martin Cave, and Martin Lodge. *Understanding Regulation: Theory, Strategy, and Practice*. Oxford University Press, 2012.
- [4] Inge Bernaerts, Bart Castermans, Daniel Dobbeni, Arthur Henriot, and Konstantin Staschus. *EU Energy Law, Volume VIII, The Energy Infrastructure Policy of the European Union*. Claeys & Casteels, 2014.
- [5] Subhes C Bhattacharyya. *Energy Economics: Concepts, Issues, Markets and Governance*. Springer, 2011.
- [6] Darryl R Biggar and Mohammad Reza Hesamzadeh. *The Economics of Electricity Markets*. John Wiley & Sons, 2014.
- [7] Endre Bjørndal, Mette Bjørndal, Panos M Pardalos, and Mikael Rønnequist, editors. *Energy, Natural Resources and Environmental Economics*. Springer, 2010.
- [8] Steven Blockmans and Ramses A. Wessel. *Principles and practices of EU external representation*. Ceps, 2012.
- [9] Daniel Bodansky, Jutta Brunnee, and Lavanya Rajamani. *International Climate Change Law*. Oxford University Press, 2015.
- [10] Stuart Borlase. *Smart Grids: Infrastructure, Technology, and Solutions*. Crc Pr Inc., 2012.
- [11] Elke Bruns, Dörte Ohlhorst, and Bernd Wenzel. *Renewable Energies in Germany's Electricity Market*. Springer Netherlands: Dordrecht, Dordrecht, 2011.
- [12] Dirk Buschle. *EU Energy Law, Volume IX, European External Energy Law and Policy*. Claeys & Casteels, 2015.
- [13] Dirk Buschle, Simon Hirsbrunner, and Christine Kaddous. *European Energy Law*. Helbing Lichtenhahn, 2011.
- [14] C Julian Chen. *Physics of Solar Energy*. John Wiley & Sons, 2011.
- [15] Jones Christopher, Schoser Christof, and Silla Olivier. *EU Energy Law, Volume I, The Internal Energy Market: The Third Liberalisation Package*. Claeys & Casteels, 2011.
- [16] Antonio J Conejo, Miguel Carrión, and JuanMMorales. *Decision Making Under Uncertainty in Electricity Markets*. Springer, 2010.
- [17] Paul Craig and Grainne De Burca. *EU law - Text, Cases and Materials*. Oxford University Press, 2011.
- [18] Nicolas de Sadeleer. *Environmental Law and the Internal Market*. Oxford University Press, 2014.
- [19] Christopher Decker. *Modern Economic Regulation: An Introduction to Theory and Practise*. Cambridge University Press, 2014.
- [20] Bram Delvaux. *EU Law and the Development of a Sustainable, Competitive and Secure Energy Policy. Opportunities and Shortcomings*. Intersentia, 2013.
- [21] Bram Delvaux and Marcus Talus. *EU Energy Law and Policy Issues*. Intersentia, 2014.
- [22] Roger Van den Bergh and Roger Camesasca. *European Competition Law and Economics: A Comparative Perspective*. Sweet & Maxwell, 2006.
- [23] Avinash Dixit and Robert Pindyck. *Investment under Uncertainty*. Princetown University Press, 1994.
- [24] Bert Droste-Franke, Boris Paal, Christian Rehtanz, Dirk Uwe Sauer, Jens-Peter Schneider, and Miranda Schreurs. *Balancing Renewable Electricity*. Springer, 2012.

- [25] Hugh Dyer and Maria Julia Trombetta (editors). *International Handbook of Energy Security*. Edward Ellgar, 2013.
- [26] Ana Aguado Cornago (editor). *The European Supergrid*. Claeys & Casteels, 2015.
- [27] Franz Jürgen Säcker (editor). *Berliner Kommentar zum Energierecht (Gesamtwerk in 3 Bänden)*. Deutscher Fachverlag GmbH, Fachmedien Recht und Wirtschaft, 2014.
- [28] Kim Talus (editor). *Research Handbook on International Energy Law*. Edward Ellgar, 2014.
- [29] Roger Fouquet (editor). *Handbook on Energy and Climate Change*. Edward Ellgar, 2015.
- [30] Ariel Ezrachi. *EU Competition Law: An Analytical Guide to the Leading Cases*. Oxford University Press, 2012.
- [31] Felix A Farret and M Goday Simões. *Integration of Alternative Sources of Energy*. IEEE, John Wiley and Sons, 2006.
- [32] Jonathan Faull and Ali Nikpay. *The EU Law of Competition*. Oxford University Press, 2014.
- [33] Anton Ming-Zhi Gao. *Regulating Gas Liberalisation*. Wolters Kluwer, 2010.
- [34] Damien Geradin, Anne Layne-Farrar, and Petit Nicolas. *EU Competition Law and Economics*. Oxford University Press, 2012.
- [35] Jean-Michael Glachant and Dominique Finon. *Competition, Contracts and Electricity Markets: A New Perspective*. Edward Ellgar, 2011.
- [36] Jean-Michel Glachant. *Electricity Reform In Europe. Towards a Single Energy Market*. Edward Ellgar, 2009.
- [37] Jean-Michel Glachant, Michelle Hallack, Jean Monnet, Miguel Vazquez, and Jean Monnet. *Building Competitive Gas Markets in the EU. Regulation, Supply and Demand*. Edward Ellgar, 2013.
- [38] Manfred Hafner and Simone Tagliapietra. *The Globalization of Natural Gas Markets: New Challenges and Opportunities for Europe*. Claeys & Casteels, 2013.
- [39] Raphael Heffron. *Energy Law: An Introduction*. Springer, 2015.
- [40] Katelijin Van Hende. *Offshore Wind in the EU. Towards Integrated Management of our Marine Waters*. Wolters Kluwer, 2015.
- [41] Rainer Hinrichs-Rahlwes. *Sustainable Energy Policies for Europe. Towards 100 Renewable energy*. CRC Press, 2013.
- [42] James Holland and Julian Webb. *Learning Legal Rules*. Oxford University Press, 2010.
- [43] Angus Johnston and Guy Block. *EU Energy Law*. 2012.
- [44] Alison Jones and Brenda Sufrin. *EU Competition Law: Text, Cases, and Material*. Oxford University Press, 2014.
- [45] Christopher Jones, Emmanuel Cabau, Leigh Hancher, and Valerie Landes. *EU Energy Law, Volume II, EU Competition Law and Energy Markets*. Claeys & Casteels, 2011.
- [46] Erik Jones, Anand Menon, and Stephen Weatherill. *The Oxford Handbook of the European Union*. Oxford University Press, 2012.
- [47] Lawrence E Jones. *Renewable Energy Integration: Practical Management of Variability, Uncertainty, and Flexibility in Power Grids*. Academic Press Inc., 2014.
- [48] Jean Claude Juncer, Aguado Cornado, Isabella Gerkens, Manfred Hafner, Rob Hull, and Daniel Zimmer. *EU Energy Law and Policy - Yearbook 2014*. Claeys & Casteels, 2015.
- [49] Christine Kaddous. *External Action under the Lisbon Treaty*. Europe, pages 172–188.
- [50] Martin Kaltschmitt, Wolfgang Streicher, and Andreas Wiese. *Renewable Energy. Technology, Economics and Environment*. Springer, 2007.
- [51] Vincent Kaminski. *Energy Markets*. Risk Books, 2013.
- [52] Jaime Klapp, Jorge L Cervantes-Cota, and José Federico Chávez Alcalá. *Towards a Cleaner Planet. Energy for the Future*. Springer, 2007.

- [53] Panos Konstantin. *Praxisbuch Energiewirtschaft Energieumwandlung, -transport und -beschaffung im liberalisierten Markt*. Berlin: Springer, Berlin, 2009.
- [54] Hannah Kruimer. *The Non-discrimination Obligation of Energy Network Operators*. Intersentia, 2014.
- [55] Julian A Lampietti. *People and Power: Electricity Sector Reforms and the Poor in Europe and Central Asia. Directions in Development*. 2007.
- [56] Rafael Leal-Arcas, Andrew Filis, and Ehab S. Abu Gosh. *International Energy Governance: Selected Legal Issues*. Edward Elgar, 2014.
- [57] Maria Lee. *EU Environmental Law, Governance and Decision Making*. Oxford University Press, 2014.
- [58] Jonathan A. Lesser and Leonardo R. Giacchino. *Fundamentals of Energy Regulation*. Public Utilities Reports, 2013.
- [59] Marc Levy. *Gas Price Arbitrations*. Globe Business Publishing, 2014.
- [60] Moritz Lorenz. *An Introduction to EU Competition Law*. Cambridge University Press, 2013.
- [61] Karen Makuch and Ricardo Pereira. *Environmental Energy Law*. Wiley-Blackwell, 2012.
- [62] Colin Manchester and David Salter. *Exploring the Law: The Dynamics of Precedent and Statutory Interpretation*, volume 2. Sweet & Maxwell, 2006.
- [63] Sabina Manea. *The Instrumentalization of Property. Legal Interests in the EU Emissions Trading System*. Wolters Kluwer, 2014.
- [64] Martin Ohms. *Recht der Erneuerbaren Energien*. Beck, 2014.
- [65] Schomerus Peeters. *Renewable Energy Law in the EU. Legal Perspectives on Bottom-up Approaches*. Edward Elgar, 2014.
- [66] Quentin Perret. *Objectifs et contradictions de la politique européenne de l'énergie*. 2011.
- [67] Cameron Peter. *Competition in Energy Markets: Law and Regulation in the European Union*. Oxford University Press, 2007.
- [68] Pippo Ranci. *The Economics of Electricity Markets : Theory and Policy*. Edward Elgar, Cheltenham, UK; Northampton, MA, 2013.
- [69] Jun E Rentschler. *Oil Price Volatility, Economic Growth and the Hedging Role of Renewable Energy*. Washington, D.C : The World Bank, Washington, D.C, 2013.
- [70] Martha M. Roggenkamp, Lila Barrera-Hernández, Donald N. Zillman, and Inigo de Guayo. *Energy Networks and the Law: Innovative Solutions in Changing Markets*. Oxford University Press, 2012.
- [71] Franz Jürgen Säcker. *The Concept of the Relevant Product Market : Between Demand-side Substitutability and Supply-side Substitutability in Competition Law*, volume 9. Frankfurt am Main [u.a.] : Lang, Frankfurt am Main [u.a.], 2008.
- [72] F P Sioshansi and W Pfaffenberger, editors. *Electricity Market Reform - an international perspective*, 2006.
- [73] Fereidoon P. Sioshansi. *Energy, Sustainability, and the Environment : Technology, Incentives, Behavior*. Amsterdam ; Boston : Butterworth-Heinemann, Amsterdam ; Boston, 2011.
- [74] Bent Sørensen. *Renewable Energy. Physics, Engineering, Environmental Impacts, Economics & Planning*. Elsevier, 2011.
- [75] Benjamin K Sovacool. *The Governance of Energy Megaprojects : Politics, Hubris and Energy Security*. Edward Elgar, Northampton, Mass., 2013.
- [76] Steven Stoft. *Power System Economics: Designing Markets for Electricity*. John Wiley & Sons, 2002.
- [77] Wolfgang Ströbele, Wolfgang Pfaffenberger, and Michael Heuterkes. *Energiewirtschaft. Einführung in Theorie und Politik*. Oldenbourg Verlag, 2012.
- [78] Kim Talus. *EU Energy Law and Policy*. 2013.
- [79] Christian Theobald and Wolfgang Danner (editors). *Energierrecht*. Beck, 2014.

- [80] Jean Tirole. *The Theory of Industrial Organization*. Cambridge (Mass.): MIT Press, 1988.
- [81] W Kip Viscusi, Joseph E Harrington Jr., and John M Vernon. *Economics of Regulation and Antitrust*. MIT Press, 2005.
- [82] Werner Vogel and Henry Kalb. Large-Scale Solar Thermal Power. *Technologies, Costs and Development*. Wiley-VCH, 2010.
- [83] Monica Waloszyk. *Law and Policy of the European Gas Market*. Edward Elgar, 2014.
- [84] Richard Whitch and David Bailey. *Competition Law*. Oxford University Press, 2012.
- [85] Daniel Yergin. *The Quest: Energy, Security, and the Remaking of the Modern World*. Penguin Group, 2011.
- [86] Ines Zenke. *Energiehandel in Europa : Öl, Gas, Strom, Derivate, Zertifikate*. München: Beck, München, 2. Aufl. / edition, 2009.
- [87] Aidan Duffy, Martin Rogers, Lacour Ayompe. *Renewable Energy and Energy Efficiency*. Wiley Blackwell, 2015.
- [88] Davis Edwards. *Energy Trading and Investing*. McGraw-Hill Education LLC, 2017.

