

MBL Energy Law Syllabus 2016-17



28th September 2016

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

Academic Director

Prof. Dr. Dr. Dres. h.c. Franz Jürgen SÄCKER

Programme Supervisors

Eleni-Aristera ALEVIZOU, MBL

Julianne STEFFENS, LL.M

Konstantina BOURAZERI, LL.M

Admin & Coordination

Sandra LUBAHN

TUBS GmbH - TU Berlin ScienceMarketing

Hardenbergstraße 19

10623 Berlin

GERMANY

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General Information

Lectures

Thursdays 9:30 am - 5 pm,

Fridays 9:30 am - 5 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 - 12:15 pm., unless scheduled otherwise.

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

First Semester

Opening Ceremony

October 10th 2016, 4pm

4 pm - 5 pm	Welcome Address
5 pm - 6 pm	Snacks and drinks
6 pm - 7 pm	Informal gathering
	Seminar rooms, House 9, EUREF Campus
	Music, socializing

Orientation Week

Oct. 11th 2016 - TU Campus Schöneberg

10 am - 1 pm	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.

1 pm - 2 pm	lunch break
2 pm - 5 pm	House 9, EUREF Campus Campus Walk, Gasometer

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. 12th 2016 – FU Library and Campus

10 am - 11 am	Free University (FU) Law Library Tour, Van't-Hoff-Str. 8
11 am - 12 am	Coffee/Lunch FU Mensa (i.e. canteen / cafeteria)

We will first have a tour of the FU Law Library and then have coffee/lunch on FU campus.

Oct. 17th 2016 - TU Main Campus and Libraries

10 am - 11.30 am State Library (StaBi) Tour, Potsdamerstr. 33
2 pm - 3.30 pm TU Main Library Tour, Fasanenstr. 88, BIB 012

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

Later we will have a tour of the TU Main Campus and then the library team will show us how to use the TU main library.

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, WTO, international investment law, Internal Dispute Resolution, antidumping, subsidies, Energy Security of Supply.*

Lectures

Oct. 13th 2016	Introduction to the Law of the European Energy Union Prof. Dr. iur. Dr. rer. pol. Dres. h.c. Franz Jürgen SÄCKER, Juliane STEFFENS
Oct. 14th 2016	Propedeutic Introduction to the Methodology of European Law Juliane STEFFENS
Oct. 20th 2016	Fundamentals of European Law, Market Freedoms Juliane STEFFENS
Oct. 21st 2016	The Application of Competition Law to the Energy Sector (Art. 102 TFEU, Introduction) Michael ALBERS
Oct. 27th 2016	International Dispute Resolution in the Energy Sector Agnieszka ASON
Oct. 28th 2016	Energy Security of Supply Anna Samsel VAN HAASTEREN
Nov. 3rd 2016	International Investment Law and Energy Sector Prof. Dr. Peter Tobias STOLL
Nov. 4th 2016	The Application of Competition Law to the Energy Sector (Art. 101 TFEU and Merger Control) Prof. Dr. Maik WOLF
Nov. 10th 2016	State Aid Law Juliane STEFFENS
Nov. 11th 2016	Excursion to an Energy Intensive Undertaking AURUBIS AG, Hamburg

Exam

Nov. 14th - Nov. 23th 2016

Paper, 10 pages, pass / fail

Tutorials

Oct. 19th 2016

Scientific Writing
Formal Requirements and Good Practice

Oct. 26th 2016

European Law

Nov. 2nd 2016

Competition Law (102 TFEU, energy security of supply)

Nov. 9th 2016

Competition Law (101 TFEU, mergers, state aid)

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

Nov. 24th 2016	Foundation of Present European Energy Supply Prof. Dr. Joachim MÜLLER-KIRCHENBAUER
Nov. 25th 2016	Excursion to a Gas Intensive Undertaking GASAG, Berlin
Dec. 1/2nd 2016	Introduction to the Economic Fundamentals of Regulatory Law and the Grid Economy Dr. Jan Peter SASSE
Dec. 8/9/15th 2016	Economic Principles of Regulation Prof. Dr. Ulrich SCHWALBE
Dec. 16th 2016	Repetition with cases - Preparation for the exam Sara HOFFMAN

Exam

Jan. 4th 2017	Written exam, 90 minutes, graded
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Tutorials

Nov. 29th 2016	Foundation of Present European Regulatory Regimes
Dec. 16th 2016	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, Swiss energy law, Russian energy law, US energy law, UK energy law.*

Lectures

Jan. 5th 2017	From Competition Law to Regulatory Law (and back?) Prof. Dr. Torsten KÖRBER
Jan. 6th 2017	Unbundling Regimes Dr. Ansgar SCHÖNBORN
Jan. 12th 2017	Natural Monopolies (Third Party Access) Prof. Dr. Jochen MOHR
Jan. 13th 2017	Energy Law between Competition and Regulatory Law Oliver KOCH
Jan. 19th 2017	Introduction to Swiss Energy Law Prof. Dr. Andreas HEINEMANN
Jan. 19th 2017	Introduction to Russian Regulatory Law Dr. Natalya HOHAUS, Dr. Elena TIMOFEEVA
Jan. 20th 2017	Introduction to US Energy Law – Energy Transition in the United States Prof. Dr. Jürgen MÜLLER, Dr. Katrin JORDAN
Jan. 27th 2017	The impact of Brexit on the UK Energy Law and Policy Anna STANIČ

Exam

Jan. 26th 2017	Written exam, 90 minutes, graded
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Tutorials

Jan. 11th 2017	From Competition Law to Regulatory Law, Unbundling
Jan. 18th 2017	Natural Monopolies, Competition and Regulatory Law
Jan. 25th 2017	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, Kyoto Protocol, combined-heat-and power production plants, promotion of renewables, grid-related instruments, financial instruments, emission trading systems (ETS), product liability law, authorisation procedure, Integrated Pollution Prevention and Control Directive, environmental law.*

Lectures

Feb. 2nd 2017	Technical Fundamentals for Energy Generation and Supply Prof. Dr. Joachim MÜLLER-KIRCHENBAUER
Feb. 3rd 2017	Legal Framework for Renewable Energy Plant and Combined heat-and-power Production Plants (Grid Connection and Access Concepts, Support Schemes) Prof. Dr. Lydia SCHOLZ
Feb. 9th 2017	EU Renewable Energy Law and Climate Change Aspects Dr. Christian HAMPEL
Feb. 10th 2017	Emission Trading Systems Dr. Teresa HOPFENSITZ, Dr. Martin GERIG
Feb. 16th 2017	Product Liability Law and Energy Industries Dr. Susanne WENDE
Feb. 17th 2017	The Authorisation Procedure for Energy Plants (IPPC-Directive, Environmental Law) Dr. Matthias LANG
Feb. 23rd 2017	Excursion to a Power Plant VATTENFALL, Berlin

Exam

Feb. 23rd 2017 Oral reports, 5 minutes, pass / fail

Tutorials

Feb. 8th 2017	EU Renewable Energy Law
Feb. 15th 2017	Climate Change and Emission Trading Systems
Feb. 22nd 2017	The Authorisation Procedure for Energy Plants

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

Apr. 20th 2017	Changing Technical and Operational Requirements for Electricity Networks and Convergence With Other Energy Infrastructures (heat, gas) Dr. Matthias MÜLLER-MIENACK
Apr. 21st 2017	Excursion to a TSO 50Hertz Transmission GmbH, Berlin
Apr. 27th 2017	EU Infrastructure Regulation Dr. Carsten KÖNIG
Apr. 28th 2017	Network Development and Market Integration Dr. Carsten KÖNIG
May 4/5th 2017	Grid Regulation / Offshore Regulatory Regime Dr. Jörg MEINZENBACH, Dr. Dirk UWER, Dr. Daniel J. ZIMMER

Exam

May 8th - 17th 2017 Paper, 10 pages, graded

Tutorials

Apr. 26th 2017	Technical and Operational Requirements for Electricity Networks
May 3rd 2017	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, EU external relations, gas supply relationship EU-Russia, energy policy, energy security, security of supply.*

Lectures

- May 18/19th 2017** Electricity Supply Contracts (Framework Contracts, Terms and Conditions, Contracts on the Wholesale Market and Contracts with End-users)
Dr. Anke REIMERS, Dr. Björn C. HEINLEIN
- May 26th 2017** Energy Trade Law (International Energy Trade Law, Trade of Certificated and Energy-related Products)
Agnieszka ASON
- June 1st 2017** European Energy Policy in the international Context
Dr. Peter HOHAUS
- June 2nd 2017** Gas Supply Relationship EU-Russia
Christian CLEUTINX
- June 7th 2017** Excursion to European Energy Exchange
EEX, Leipzig
- June 8/9th 2017** European and International Law and Energy Law and Policy - Gas Supply to the Union
Dr. Tibor SCHARF

Exam

- June 12th - June 21th 2017**
Paper, 10 pages, graded

Tutorials

- May 24th 2017** Electricity Supply Contracts
- June 6th 2017** 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 2017

Contents Individual topics.

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

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winter semester

Module: Legal framework for the functioning of energy markets (9 credits)		
13.10.2016	Introduction to the law of the European energy union	Franz Jürgen Säcker, Juliane Steffens
14.10.2016	Propaedeutic introduction to the methodology of European law	Juliane Steffens
20.10.2016	Fundamentals of European law, market freedoms	Juliane Steffens
21.10.2016	The application of competition law to the energy sector (Art.102 TFEU) - Introduction	Michael Albers
27.10.2016	International dispute resolution in the energy sector	Agnieszka Ason
28.10.2016	Energy Security of Supply	Anna Samsel von Haasteren
03.11.2016	International investment law and energy sector	Peter Tobias Stoll
04.11.2016	The application of competition law to the energy sector (Art.101 TFEU and Merger Control)	Maik Wolf
10.11.2016	State aid law	Juliane Steffens
11.11.2016	Excursion to an energy intensive undertaking	AURUBIS AG, Hamburg
14.-23.11.2016	Paper	
	+ min. 8h tutorial	

Module: Economic foundations of regulatory law (6 credits)		
24.11.2016	Foundation of present european energy supply	Joachim Müller-Kirchenbauer
25.11.2016	Excursion to an gas intensive undertaking	GASAG, Berlin
01.12.2016	Introduction to the economic fundamentals of regulatory law and the grid economy	Jan Peter Sasse
02.12.2016		
08.12.2016	Economic principles of regulation	Ullrich Schwalbe
09.12.2016		
15.12.2016		
16.12.2016	Repetition with cases - Preparation for the exam	Sara Hoffman
04.01.2016	Exam	
	+ min. 8h tutorial	

Module: Introduction to regulatory law (6 credits)		
05.01.2017	From competition law to regulatory law (and back?)	Torsten Körber
06.01.2017	Unbundling regimes	Ansgar Schönborn
12.01.2017	Natural monopolies (third party access)	Jochen Mohr
13.01.2017	Energy law between competition and regulatory law	Oliver Koch
19.01.2017	Introduction to Swiss energy law	Andreas Heinemann
19.01.2017	Introduction to Russian regulatory law	Natalya Hohaus, Elena Timofeeva
20.01.2017	Introduction to US energy law - Energy transition in the United States	Jürgen Müller, Katrin Jordan
26.01.2017	Exam	
27.01.2017	The impact of Brexit on the UK energy law and policy	Anna Stanič
	+ minn. 8h tutorial	

Module: Technical fundamentals and legal framework for electricity generation (6 credits)		
02.02.2017	Technical fundamentals for energy generation and supply	Joachim Müller-Kirchenbauer
03.02.2017	EU renewable energy law and climate change aspects	Christian Hampel
09.02.2017	Legal framework for renewable energy plant and combined-heat-and power production	Lydia Scholz
10.02.2017	Emmission trading systems	Theresa Hopfensitz, Martin Gerig
16.02.2017	Product liability law and energy industries	Susanne Wende
17.02.2017	The authorisation procedure for energy plants (IPPC-Directive, environmental law)	Matthias Lang
23.02.2017	Excursion to a power plant + Reports	Vattenfall, Berlin
	+ min. 6h tutorial	

summer semester

Module: The legal framework for grid operation (6 credits)		
20.04.2017	Changing technical and operational requirements for electricity networks and convergences with other energy infrastructures (esp. heat, gas)	Matthias Müller-Mienack
21.04.2017	Excursion to a TSO	50Hertz Transmission GmbH, Berlin
27.04.2017	EU infrastructure regulation	Carsten König
28.04.2017	Network development and market integration	
04.05.2017	Grid regulation / Offshore regulatory regime	Jörg Meinzenbach, Dirk Uwer, Daniel J. Zimmer
05.05.2017		
08.-17.05.2017	Paper	
	+ mind. 8h tutorial	

Module: The legal framework for energy trade and supply (9 credits)		
18.05.2017	Electricity supply contracts (framework contracts, terms and conditions, contracts on the wholesale market and contracts with end-users)	Anke Reimers
19.05.2017		Björn Heinlein
26.05.2017	Energy trade law (international energy trade law, trade of certificated and energyrelated products)	Agnieszka Ason
01.06.2017	European energy policy in the international context	Peter Hohaus
02.06.2017	Gas supply relationship EU-Russia	Christian Cleutinx
07.06.2017	Excursion to European Energy Exchange	EEX, Leipzig
08.06.2017	European and International Law and Energy Law and policy – Gas supply to the Union	Tibor Scharf
09.06.2017		
12.-21.06.2017	Paper	
	+ mind. 6h tutorial	

Master Thesis		
28.06.-	Master Thesis	
28.09.2017		