

**ECONOMICS OF ENERGY I**

**I. CONCEPTS AND TOOLS**

DATE	TOPIC	PROFESSOR/INSTRUCTOR	POSITION
16-09-2021	1. Basic Energy Concepts and Relevant Economic Theorems	Paulina Beato	Catedrática de Análisis Económico
23-09-2021	2. . Econometrics Tools for the Analysis of Energy Demand, energy supply and equilibrium prices	Álvaro Escribano	Catedrático de Economía Aplicada UC3M

**II. CLIMATE CHANGE AND ENERGY TRANSITION**

DATE	TOPIC	PROFESSOR/INSTRUCTOR	POSITION
30-09-2021	3. Economic Growth, Exhaustible resources and Climate Change <b>(Test Topics 1-2)</b>	Paulina Beato	Catedrática de Análisis Económico
07-10-2021	4. Energy transition: definitions, goals and challenges. The case of Spain	Nemesio Fernández-Cuesta	Economista del Estado/Técnico Comercial
14-10-2021	5. Modelling Energy Transition	Juan Delgado	Director, Global Economics Group

**III. ENERGY INDUSTRY: THE FUTURE OF THE ENERGY INDUSTRY IN A CARBON-CONSTRAINED WORLD**

DATE	TOPIC	PROFESSOR/INSTRUCTOR	POSITION/INSTITUTION
21-10-2021	6. Power Sector Economics and Regulation (Test topics 3 – 5)	Paulina Beato Isabel Sánchez	Catedrática de Análisis Económico Profesora IE University
28-10-2021	7. Oil Markets: The Economics of the Refining Industry	Nemesio Fernández-Cuesta	Economista del Estado/Técnico Comercial
04-11-2021	8. The Economics of Natural Gas: traditional markets and hubs versus green gas	Nemesio Fernández-Cuesta	Economista del Estado/Técnico Comercial

**IV. ENERGY TRANSITION POLICIES**

DATE	TOPIC	PROFESSOR/INSTRUCTOR	POSITION/INSTITUTION
11-11-2021	9. Policies for the Energy Transition (Test topics 6 – 8)	Juan Delgado	Director, Global Economics Group
18-11-2021	10. Carbon Emissions Policies	Isabel Sánchez	Profesora IE University
25-11-2021	11. Energy Efficiency and Energy	Juan Delgado	Director, Global Economics Group

**V. MARKETS AND COMPETITION**

DATE	TOPIC	PROFESSOR/INSTRUCTOR	POSITION
02-12-2021	12. Competition in Energy Markets	Juan Delgado	Director, Global Economics Group

**VI. GROUP PRESENTATIONS**

DATE	TOPIC	PROFESSOR/INSTRUCTORS	POSITION
09-12-2021	(Test Topics 9 - 12) <b>Group Presentations</b> (15 minutes per group)	All instructors	