

Economic analysis



Applied to the energy industry

A general economic consulting firm, Microeconomix provides economic analyses for all types of sectors. In particular, our firm has acted for clients in the following industries: electricity, gas, fuel distribution, mobile and fixed telecommunications, rail and air transportation, chemicals, pharmaceuticals, the press, gambling and softwares.

Microeconomix launched the Energy and Climate Practice in 2009 in order to help its clients to understand and to respond to the continuing transformation of energy industries. Our expertise combines rigorous economic analysis and quantitative tools with solid experience gained from working for energy companies on competition and regulatory issues. Through its services, Microeconomix helps to clarify complex problems, and constructs rigorous arguments in a form adapted to their specific use.

Microeconomix reinforces the scope of its economic arguments by offering its clients the active contribution of renowned academic experts. These contributions are the result of the special ties Microeconomix has formed with numerous economic research centres, for instance the Center in industrial economics at Mines ParisTech, which has been involved in Microeconomix's development since its inception.

References

Since 2002, the following companies have entrusted us with consulting support in energy and environment issues :

- ADEME
- EDF
- Electrabel
- Endesa
- GDF Suez
- RTE
- Shell
- Total
- UFC Que Choisir
- Veolia Environnement



Your contact

Energy & Climate Practice

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Economic analysis applied to Law

Energy Climate

- System modeling
- Regulated tariffs
- Electricity
- Nuclear costs
- Mergers
- Climate change

- Energy markets design
- Performance-based regulation
- Natural gas
- Renewable energy
- Litigation and arbitration
- Carbon markets



Our business

Economic Consulting

Microeconomix has gained strong experience in the fields of competition law and regulation since its foundation in 2002. Microeconomix has become a respected reference in the area of economic consulting and has advised large companies as well as small and medium sized firms in various sectors (telecoms, energy, pharmaceuticals, banking, etc.).

By launching the Energy & Climate practice in 2009, Microeconomix aims at helping clients to understand and to respond to the continuing transformation of energy businesses. We combine rigorous economic analysis and quantitative tools with solid experience gained from working for energy companies on competition and regulatory issues.

Our partners

The Microeconomix partners offer first rate skills and recognized experience in the fields of applied methods of economic analysis and econometrics.

François Lévêque

François Lévêque founded Microeconomix in 2002. Doctor in Economics, he is Professor of Economics at Mines ParisTech, where he teaches Industrial Economics and directs the program on "Law and Business Economics". His research areas include competition economics and antitrust, regulation of network industries (with a special focus on energy), intellectual property and environmental policies. François Lévêque is editor of energypolicyblog.com.

Gildas de Muizon

Gildas de Muizon is the executive director of Microeconomix. An executive engineer from Mines ParisTech and Doctor in Economics, he coordinates and supervises Microeconomix engagements.

Our Energy & Climate Practice

As an expert in economic analysis applied to energy issues, Microeconomix helps its clients to understand their challenges and to define a strategic response to the unprecedented evolution of energy markets. By combining economic theory with robust quantitative methods, Microeconomix proposes rigorous solutions to the analyzed problem and presents them in a simple non-technical way.

Energy market assessment

Microeconomix professionals understand well how European energy markets operate. This expertise may be applied to the design of competitive energy markets and to the definition of rule and tariffs for the access to the infrastructure used for the energy transport and distribution. Microeconomix has also qualifications to analyze quantitatively and econometrically the evolution of prices and to determine factors contributing to the observed evolution. For instance, Microeconomix conducted an in-depth analysis of the evolution of natural gas regulated tariffs in France.

Regulatory design

Microeconomix helps regulated companies to determine their strategies and to

negotiate with the regulating authorities. Our professionals use microeconomic tools to assess the effects of existing regulation and to evaluate the impact of the new European energy policies. For instance, Microeconomix conducted a detailed analysis of European regulatory regimes for investments electricity transportation networks.

Antitrust in energy markets

Microeconomix offers economic consulting support in antitrust cases (including abuse of dominance, collusion, mergers and acquisitions) and works alongside with clients and legal counsels to provide robust economic analysis on every stage of a competition investigation. For instance, Microeconomix has testified before the European Commission and presented economic analysis of long-term energy contracts.

Climate and environment

Microeconomix has a wide experience applying the economic theory to environmental issues. Our team has been involved in the analysis of the efficiency of economic instruments used in climate change policies (taxes, emission trading, voluntary agreements, etc.) and of the most appropriate design of economic instruments applied to the renewable energy (tariffs).



Representative engagements

Gas and electricity

Performance-based regulation applied to electricity transport, comparison of microeconomic properties of different institutional arrangements for electricity transport, impact of the recommendations of Champsaur Commission, assessment of nuclear power generation costs, evolution of regulated tariffs for natural gas.

Competition in energy markets

Evaluation of vertical and conglomerate effects in the energy utilities sector, merger remedies study for energy operators, long-term contracts in the electricity market, evaluation of the prejudice suffered after the suppliers started colluding.

Environment

Windfall profits following the implementation of the EU ETS in the power sector, valorization of intangible actions in favor of environment, economic properties of policy-mix instruments.

Our group of academic experts

Microeconomix has close ties to a group of academic experts. This network provides a pool of the highest level of knowledge in the field and access to expert economic and econometric contributions. Microeconomix relies on highly specialized skills of the affiliated experts on a case-by-case basis, according to the specific needs of its clients.

Julian Barquin

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Expert in Energy Systems

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Associate Professor in Economics
University of California, Berkeley
Expert in Energy and Climate

Bert Willems

Assistant Professor in Economics
TILEC and CentER, Tilburg University
Expert in Energy Economics

Publications

Our team regularly publishes academic papers in specialized journals (e.g., Energy Policy, The Electricity Journal, etc.) as well as non-technical articles. Microeconomix also edits Energy Focus, a four-pages note on a specific energy issue. Our publications are downloadable from www.microeconomix.com.



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