



Workshop on
**The World of
Energy Economics**



November 27 & 28, 2024



NIBAF, Islamabad

Program Overview

This is a two-day highly interactive workshop which covers key aspects of the economics of energy as it affects the world in general and Pakistan in particular. The role of energy in economic development and activity at a national (Pakistan), and global level is examined. The workshop also focuses on the tools and economic methods of assessing energy technologies and energy projects --- renewable and non-renewable. The instructor applies a critical-thinking approach to facilitate an understanding and appreciation of the ever-changing drivers shaping the world of energy. The workshop reviews several business and financial models in the assessment of energy investments both at national and corporate levels. It facilitates an understanding of the key and diverse drivers, mechanics and dynamics of energy supply and demand. Examples are drawn from a wide range of settings.

The workshop also examines crucial areas and future developments in the field of energy economics including energy policies, rapidly evolving energy markets (oil, gas, electricity, and renewables), project evaluation, meg trends (for example electric vehicles, micro grids, distributed energy resources) and several other topics. It critically reviews energy's externalities (for example climate change) and how we deal with them.

Learning Outcomes

Participants will understand how energy influences economic development at both national and global levels.

Attendees will learn to assess energy technologies and projects, including renewables, using economic methods.

Participants will gain the ability to analyze energy investments and grasp the dynamics of supply and demand in energy markets.

By the end of the workshop, attendees will be informed about current and emerging energy trends, policies, and externalities, such as climate change.

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DETERMINED



Topics Covered

- 1) **Energy** --- an introduction. Essential linkages between energy, society and technology. Review of data platforms. 2 hours.
- 2) **Energy Policies** --- basics, and how they affect development. Policy drivers and design considerations. 2 hours.
- 3) **Electricity markets and structure** --- global and national. Models and tools and applicability to Pakistan. Challenges ahead for Pakistan and possible remedies. 2.5 hours
- 4) **Renewables** --- where is the world heading? Opportunities and challenges --- global and national 2 hours
- 5) **Natural Gas** --- Pakistan's gas structure; challenges and solutions. 1.5 hours
- 6) **Electric Vehicles** --- micro and macro-analysis. Basic modeling. Pakistan's EV policy. 1 hour



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845+
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Since 2009



60+
Open Enrolment
Workshops Every Year

Investment

PKR 75,000 +5% tax

Residential fee: PKR 15000/ per day

Who Should Attend

Although this will be an open enrolment course, the target audience of this workshop is policy makers in the energy industry, economists, security and investment analysts and middle to senior managers of both energy/renewables organizations and those in the corporate sector. CEOs of smaller middle level entities may be also approached.



Mr. Muqtadar Quraishi
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For detailed profile please visit website cee.iba.edu.pk/faculty

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