Session 14: The Energy Chain and Market, Part II -Discussion Questions-

Key Questions

- What is an energy system? What are its components?
- See the figure below. What can be done at each step of the energy chain to reduce energy intensity?

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Questions on each reading:

Energy Information Administration (2010): Annual Energy Outlook 2010

- Why does the report project a decrease in energy intensity? Do you agree with their finding?
- In this report, the oil-price projection exhibits great volatility (page 54). Why is this, and what implications does it have for future energy use?
- What other trends do you find interesting or surprising? Explain why.
- This report is U.S.-focused. Are these projections similar to or different from those of other countries with which you are familiar?

UNDP, UNDESA, and World Energy Council (2004): World Energy Assessment

- How was the international consensus gradually built regarding the importance of energy in sustainable development? What is the common perspective of the international community now on the relationship among energy, climate change, human development, and poverty alleviation?
- What is "energy service"? What determines the level of energy service?
- This reading concludes that the availability and use of energy around the world is extremely heterogeneous and inequitable. To what does it refer? What implications does this have for the global energy market and global energy policy?

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