

India's energy economy

Breakout Session



For

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By

Vipin Arora, EIA

My objectives are pretty simple...

- Interesting discussion
- Inform and learn about different aspects of India's energy markets and economy
 - EIA wants to improve our understanding of India
- Identify key areas for further study
- International Energy Outlook 2018

IEO2018 will feature macroeconomic sensitivities in three regions

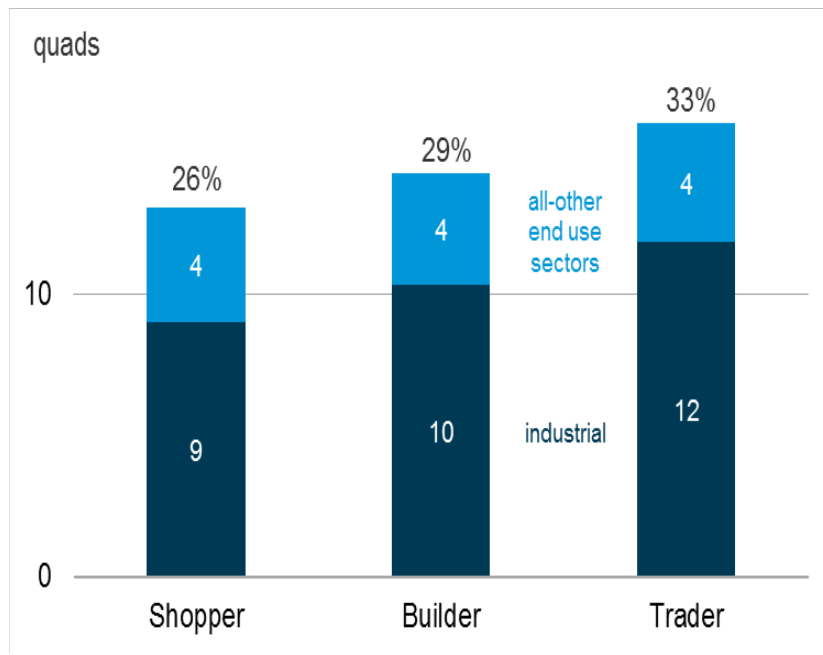
- IEO2018 will be the first to feature the energy implications of macroeconomic sensitivities
- Assume economic growth is higher than the Reference case over the 2015 to 2040 period
- Focus on three regions:
 - India
 - China
 - Africa

International Energy Outlook 2017



IEO2018 has three Indian economic growth cases with different energy implications

Increase in Indian energy consumption compared to IEO2018 Reference case, 2040



- All three cases assume economic growth higher than the baseline
 - The composition of growth differs
- Composition matters for energy consumption, but not as much as the growth itself
- Increases in energy consumption are concentrated in the industrial end-use sector

Source: Preliminary results from IEO2018, World Energy Projections System Plus (2018)

We have three great panelists with a wealth of knowledge about India and Indian energy markets

- Jitendra Roychoudhury, King Abdullah Petroleum Studies and Research Center (KAPSARC)
 - What does the future of India's energy sector look like?
- Lauren Diekman, U.S.-India Business Council
 - How will US/India energy relations look in 20 years?
- Meredydd Evans, Pacific Northwest National Laboratory (PNNL)
 - What energy data exist or are needed to monitor key policies, reforms, and better understand future Indian energy markets?

Discussion questions

- What are the key uncertainties in the Indian energy outlook over the next 5-10 years?
- Where can EIA add the most value in terms of analysis or data with respect to India?
- (Time permitting) Will Indian fossil fuel exports continue unhindered or will there be societal pressure for a reduction as seems to be building against petroleum coke exports to India?