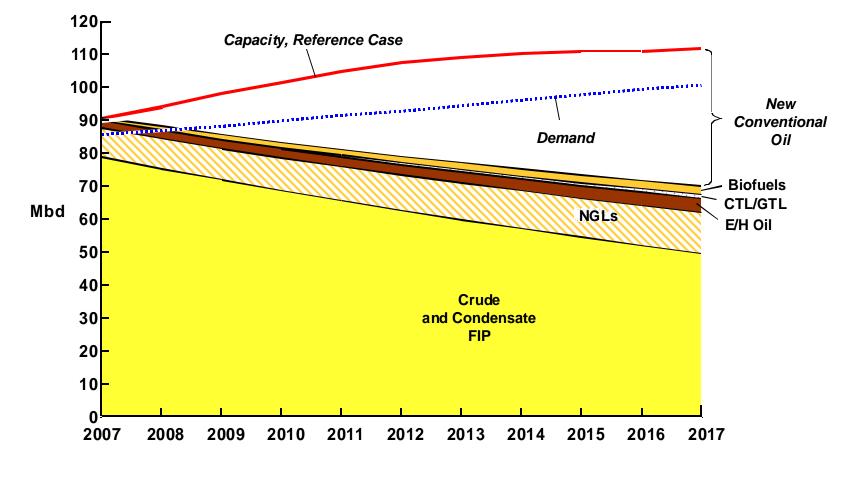
Headlines

- Complex multi-component system many possible outcomes
- Large volumes of data robust methodology
- Current paradigms will change in future
- Total liquids capacity has not peaked
- Liquids capacity will continue to grow through 2017
- No imminent peak/ no precipitous fall thereafter
- CERA's is not the most optimistic view
- Complexion of risks evolving geopolitical, execution.
- Eventually liquids supply will struggle to meet demand
- The 'undulating plateau' will emerge but not before 2030



Upstream Challenge: 31+ Mbd of New Crude + Condensate Capacity Needed by 2017 to Meet Demand





71016-1

Source: Cambridge Energy Research Associates.

EIA Conference, Washington 7th-8th April 2008

"Filling the Hopper"—The Future of Supply

Continued evidence of strong growth of productive capacity

- Growing supply-demand balance
- No shortage of new projects—'bulge' ahead of the curve
- Growth of conventional crude volumes slowing?
- Growing contribution from higher-cost liquids heavy oil, GTL/CTL, and biofuels
- Strong growth of gas capacity-drives growth of gas-related liquids
- Deepwater will be a major contributor to growth

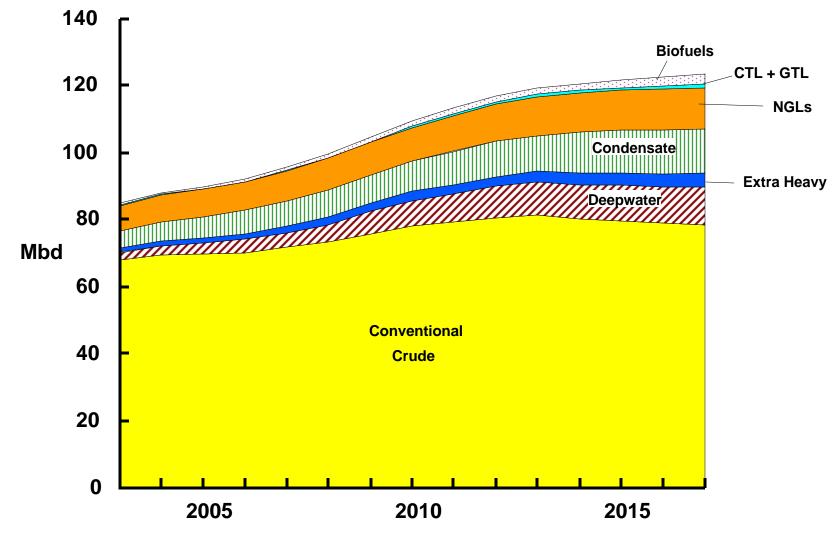
• Demand will be met through 2017



© 2008, Cambridge Energy Research Associates, Inc. No portion of this presentation may be reproduced, reused, or otherwise distributed in any form without prior written consent.

EIA Conference, Washington 7th-8th April 2008

Nontraditionals Shoulder an Increasing Burden

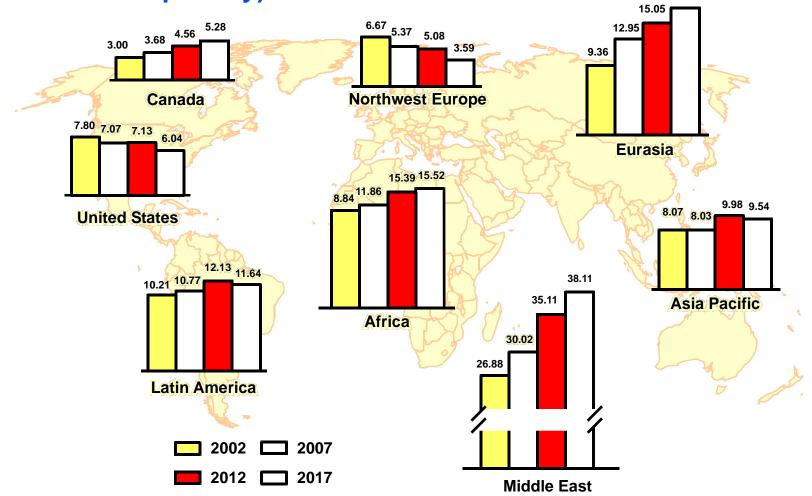




Source: Cambridge Energy Research Associates.

EIA Conference, Washington 7th-8th April 2008

Shifts in World Liquids Capacity to 2017 (million barrels per day) 17.12





Source: Cambridge Energy Research Associates.. Updated October 2007. 60305-8

EIA Conference, Washington 7th-8th April 2008

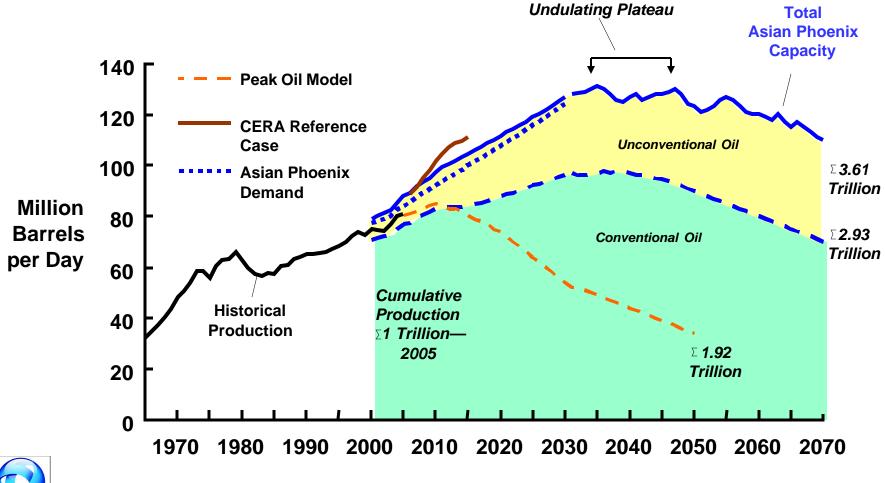
'Imminent' Peak vs 'Undulating Plateau'

- Reserves are plentiful but poorly quantified/understood
- Field decline rates are not increasing with time
- Less than 50% of production comes from fields in decline
- Giant fields growing contribution in absolute terms
- Field Reserves Growth continues to deliver
- Exploration will continue to deliver
- Access problems long term
- Geology and scale are complex issues but the real problems are aboveground



EIA Conference, Washington 7th-8th April 2008

Undulating Plateau vs Peak Oil—Schematic





60907-9

Source: Cambridge Energy Research Associates.

EIA Conference, Washington 7th-8th April 2008

CERA's - Future Liquids Supply

- Will supply continue to meet demand?
- What is the most likely outcome imminent peak vs undulating plateau?
- What are the drivers?
- What are the major risks?
- What are the signposts?



© 2008, Cambridge Energy Research Associates, Inc. No portion of this presentation may be reproduced, reused, or otherwise distributed in any form without prior written consent.

EIA Conference, Washington 7th-8th April 2008

If you have any questions about this presentation or CERA in general, please feel free to contact

