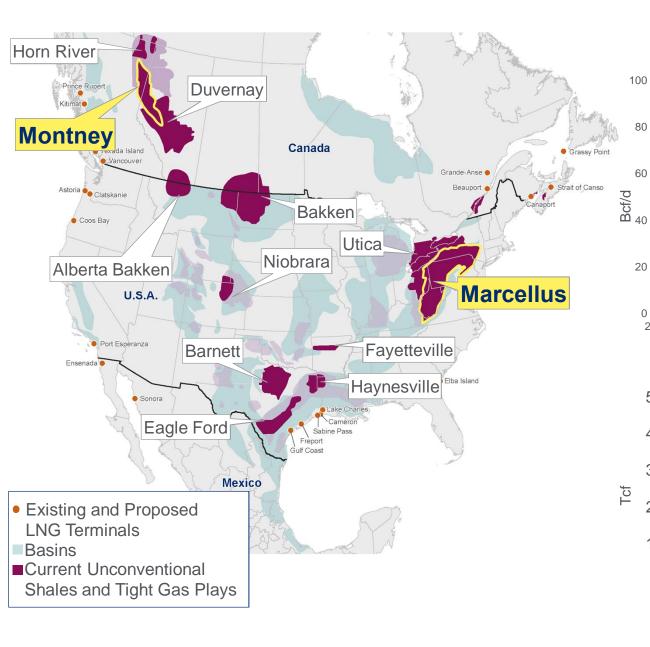
September 16, 2015

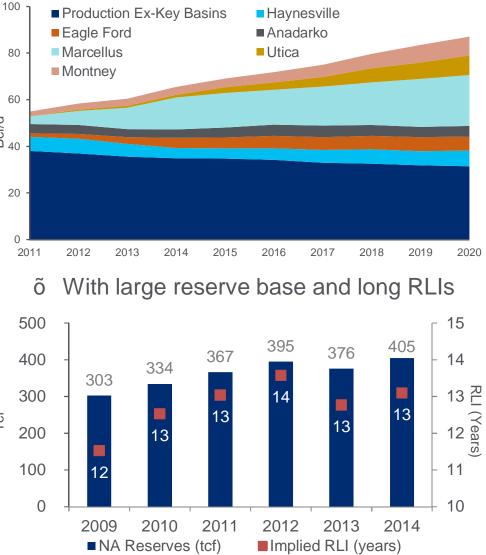
LNG Conference 2015 Kasey (Keisuke) Fukada - Managing Director, Citigroup



Unconventional Gas Development in North America

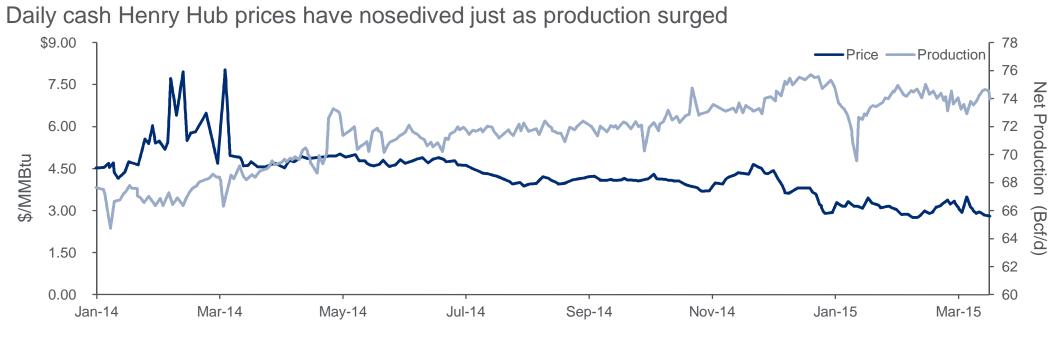


Future Canada and U.S. gas production growth driven by a few key shale playsõ

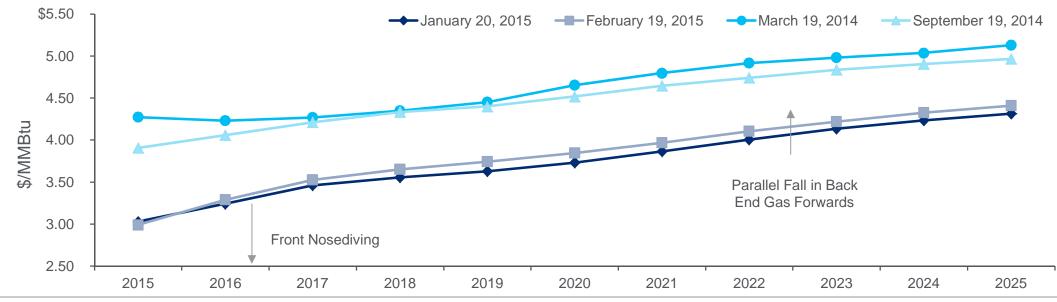


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Current Reality: % Golden Age+of Gas Production Continues, Keeping Prices Low

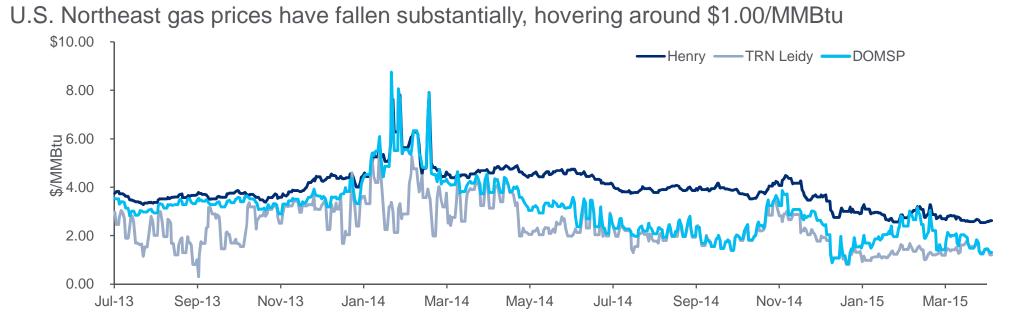


The front of the forward curve has collapsed due to oversupply

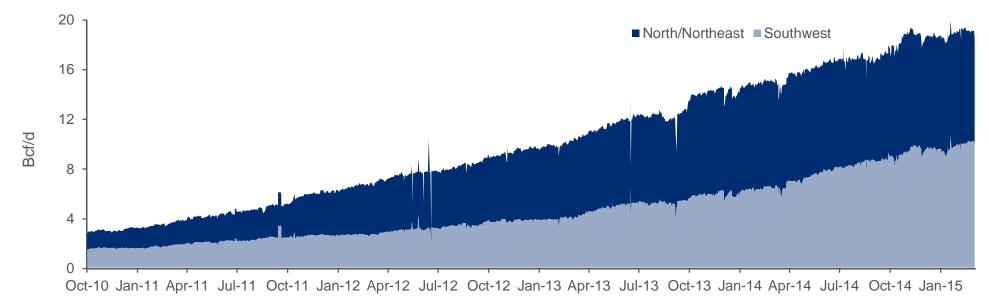


Source: Citi Research, EIA, Platts

Northeast U.S. Gas Production Looks to be Very Resilient, Adding to Oversupply



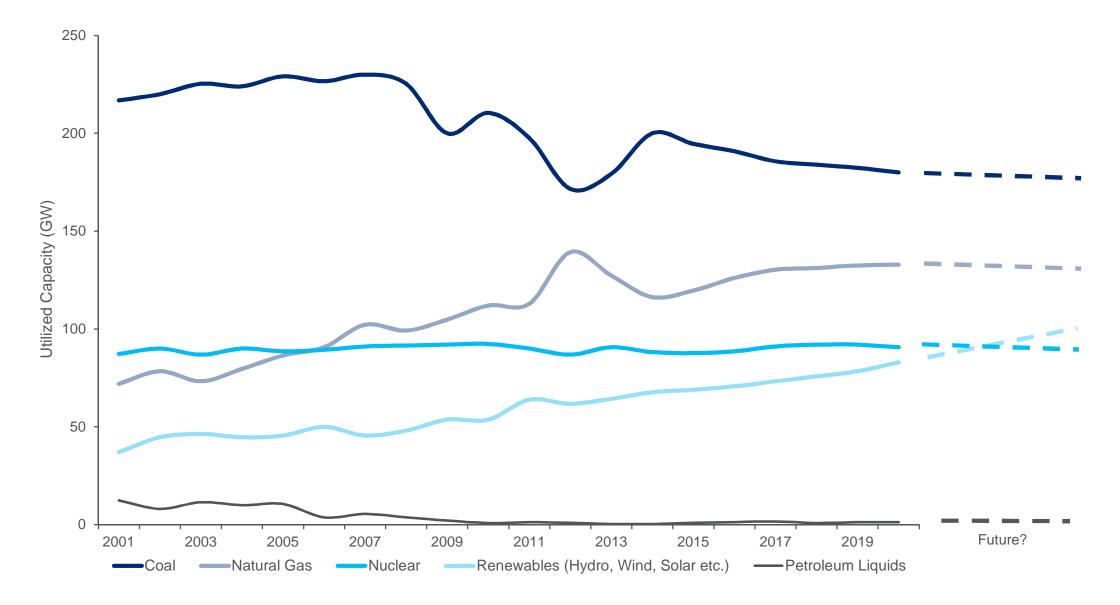
The strength of U.S. Northeast gas production has surprised higher beyond most expectations



Source: Citi Research, Bentek, EIA

Long-Term Gas Demand Growth Could Be Subdued on Weak Power Demand

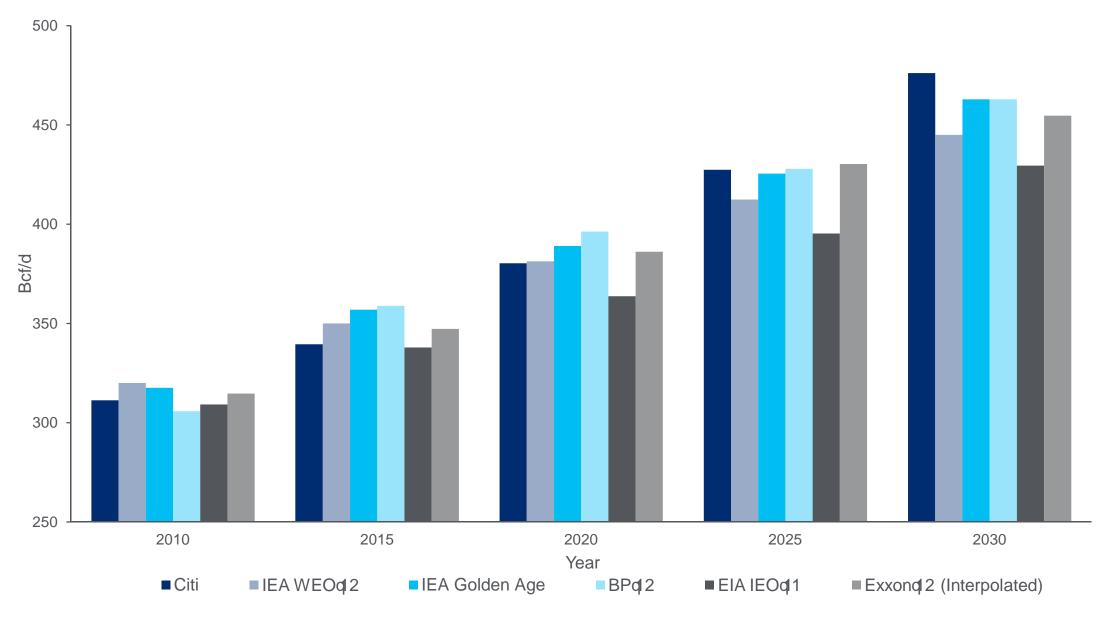
Rapid rise of renewables limits the potential for much stronger gains in gas demand for power generation

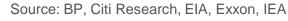


Source: Citi Research, EIA

LNG Demand Lackluster so Far; But Could Supply Shortage Loom Post-2020?

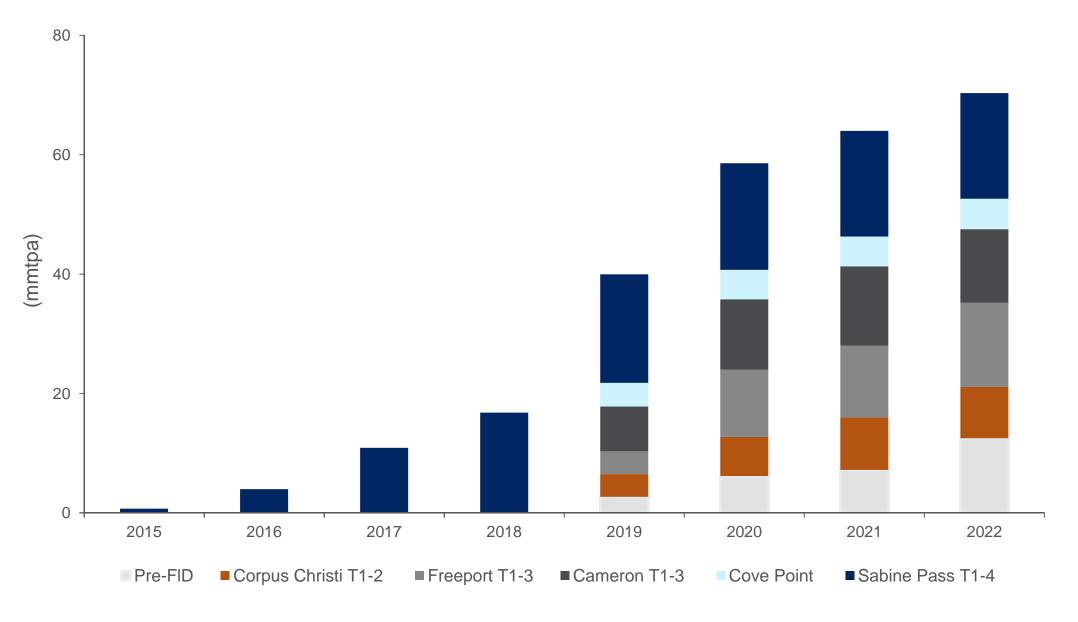
Global demand growth, though modest now, should accelerate with low prices in the out years





The U.S. Gulf Coast Will Lead North American LNG Exports

Canadian LNG facilities are not expected to be online until after a number of U.S. facilities are already in operation

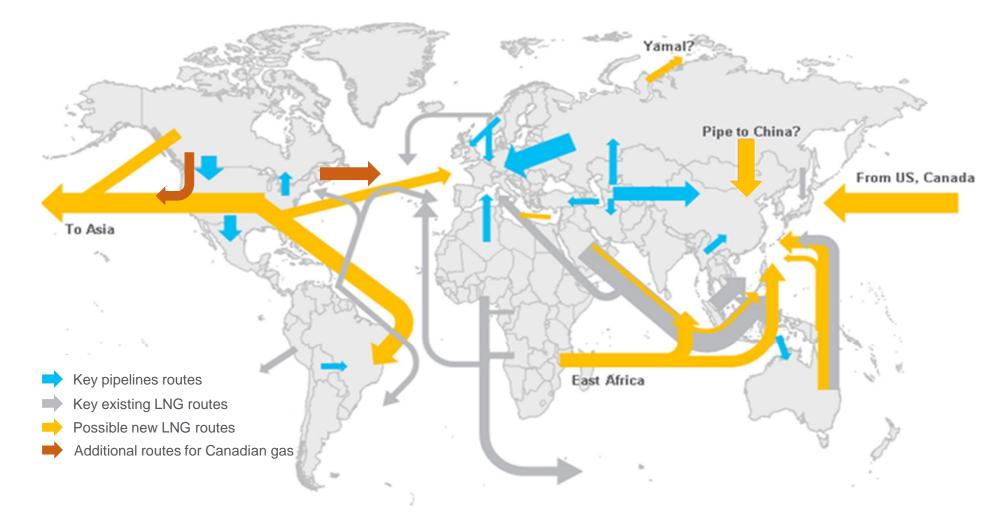




Source: Citi Research, Wood Mackenzie

North America to Lead a New Wave Of Global Gas Tradeõ

Future global gas flow





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Citi works with its clients in greenhouse gas intensive industries to evaluate emerging risks from climate change and, where appropriate, to mitigate those risks.

efficiency, renewable energy and mitigation