

NGA Winter Webinar

Nov 5,
2020



Points for Discussion



Ask the question on everyone's mind?

Review and Update from Last Year

Global LNG/Natural Gas Highlights

- Is the “glut” finally here? And how long will it stay?
- Impacts of Covid on LNG demand and its Future Outlook

North American LNG

Future LNG needs for New England market

- State policies, and rate of decarbonization accelerate
- Challenges
 - How to remain a part of the discussion – LNG is a fossil fuel
 - Power market changes – update on ESI

Conclusions

CANAPORT™ LNG

Reliably Supplying the Northeast market

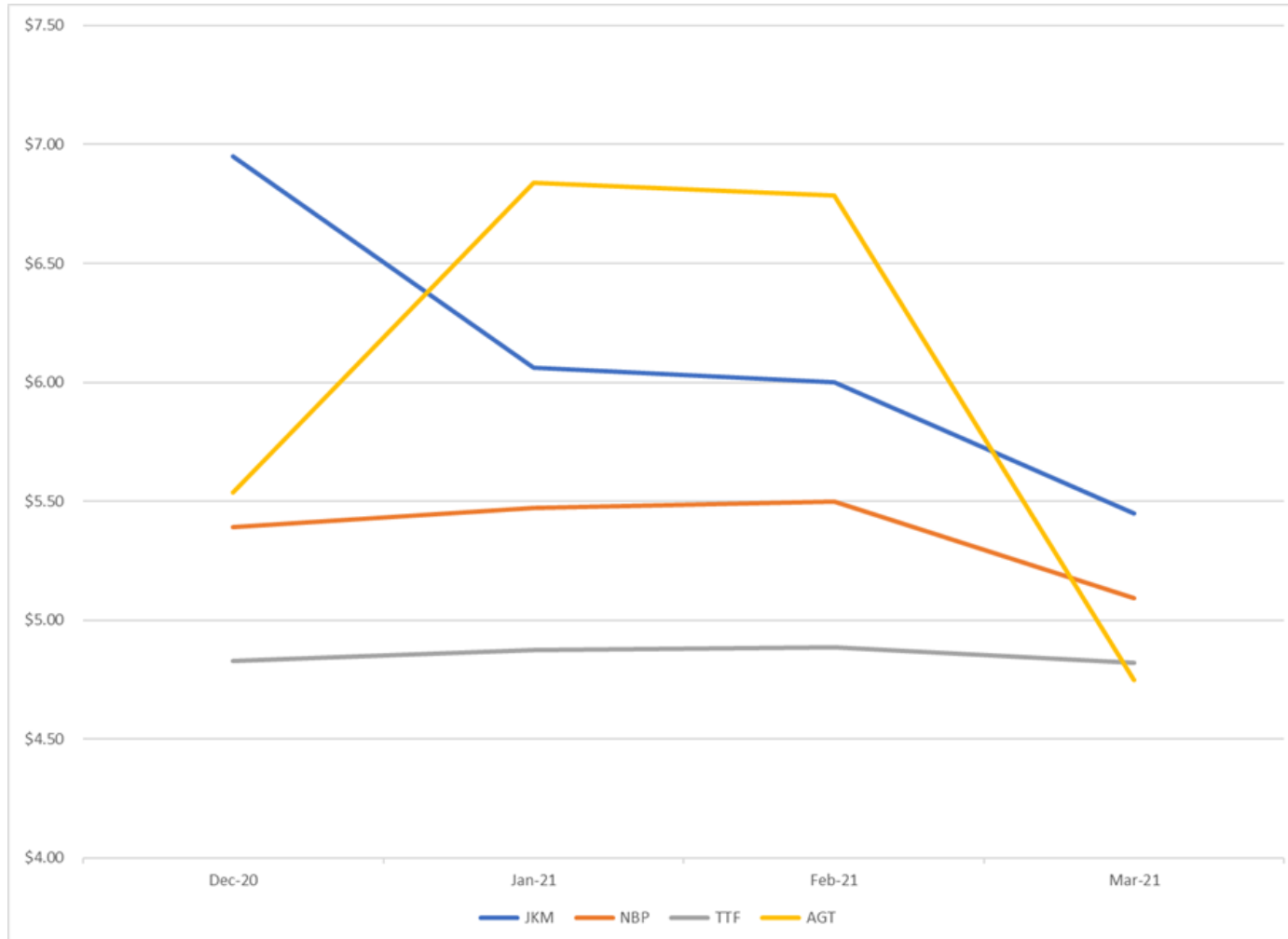


- ✓ The New England market consumes ~5 Bcf of natural gas on a peak winter day.
- ✓ Supply on average 25 BCF of LNG to New England Markets annually
- ✓ Repsol operates the Canaport™ LNG (“Canaport”) receiving and regasification terminal in Saint John, New Brunswick and holds a 75% equity interest in the facility.
- ✓ Repsol holds 100% of the regasification (1.2 Bcf/d) and storage (10 Bcf) capacity.



Will there be LNG available this winter?

Pricing signals indicate yes



Difference a Year Makes – Covid

2019 Highlights



LNG demand growing, supply-capacity additions create a “long” market

Demand growth expected to balance the excess LNG capacity in the current market by 2025/2027

- China major driver of LNG-demand growth

In near term Europe will be looked to, to balance market

The US leads global growth in natural gas supply and exports

LNG investment is increasing...FID decisions are due on a large number of projects

2020 Highlights

Global energy consumption falls 5% - duration and severity of pandemic still big question

Demand growth balance is delayed until 2034

Energy transition is accelerated – energy and sustainability are built into recovery strategies

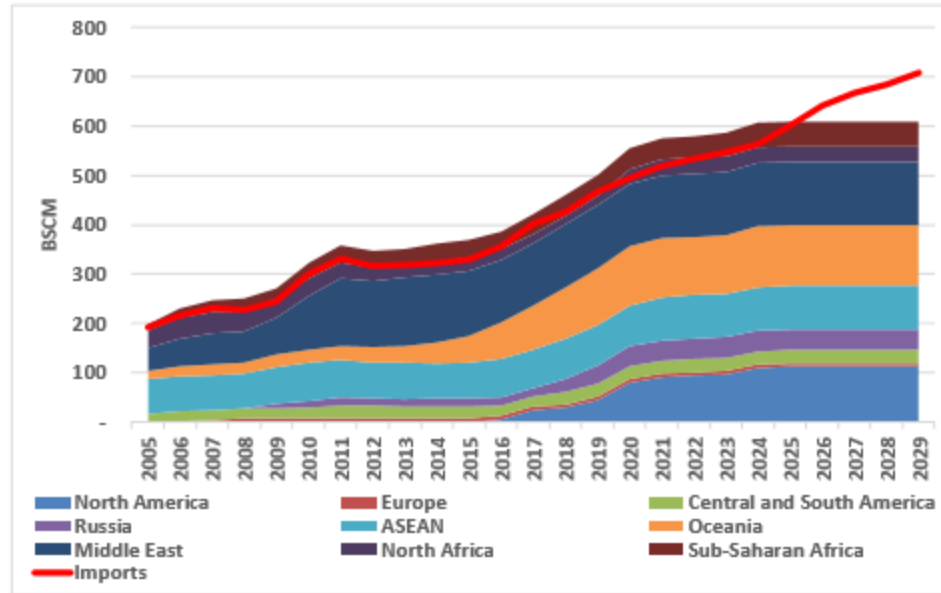
Energy investment is decreasing – 18% .. Many FID decisions are now either postponed or scrapped all together.

2019

Is the “glut” finally here?



Committed LNG Export Capacity



BSCM = Billions Standard Cubic Metres; ASEAN = Association of Southeast Asian Nations.

Source: OIES Analysis. Nexant World Gas Model

Up to the end of 2020, supply growth is expected to exceed demand growth, but thereafter the growth in export capacity is projected to stall, enabling demand growth to start eating away at the excess capacity.

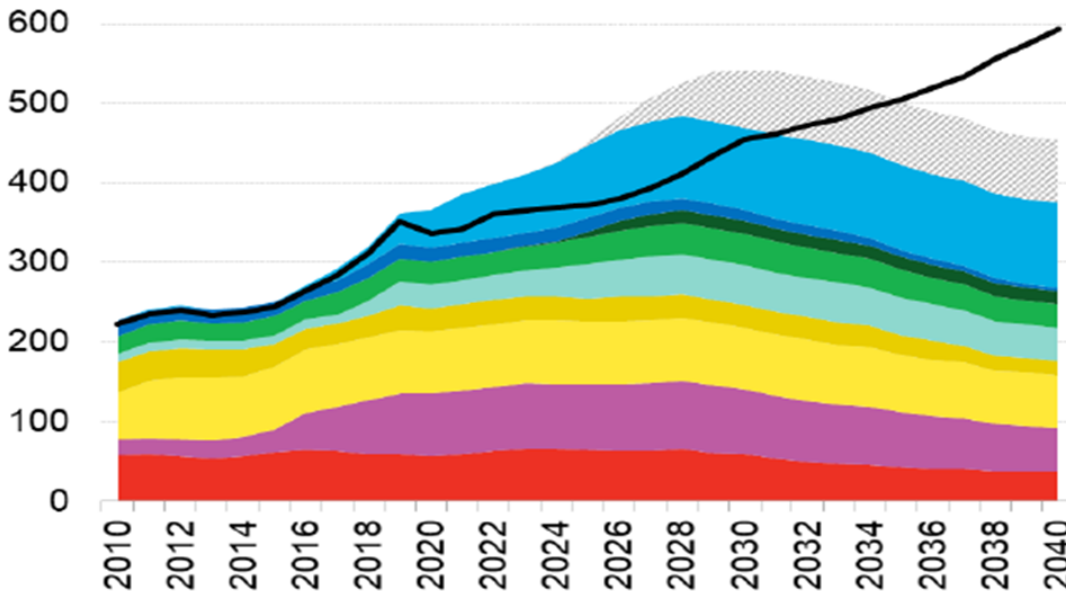
2020 – Covid delays demand recovery

Less investment and lower capacity additions



Global LNG supply outlook

Million metric tons



CAGR
(2020-2040)

- +5.1%
- 7.0%
- NA
- +0.1%
- +1.7%
- 3.0%
- 0.8%
- 1.6%
- 2.2%

- Expected FID
- U.S.
- Atlantic Basin
- East Africa
- West Africa
- Russia
- Other MENA
- Qatar
- Australia
- Pacific Basin
- Base case demand

Source: BloombergNEF. Note: CAGR is compound annual growth rate. FID is final investment decision, see next slide for 'Expected FID' projects. MENA is Middle East and North Africa.

In the mean time ... good to be a Buyer



It's bargain time in the liquefied natural gas market
Prices plunge to their lowest on record for this time of year.

Asian LNG Rollercoaster

JKM spot prices may have found its floor as traders foresee recovery



Source: S&P Global Platts

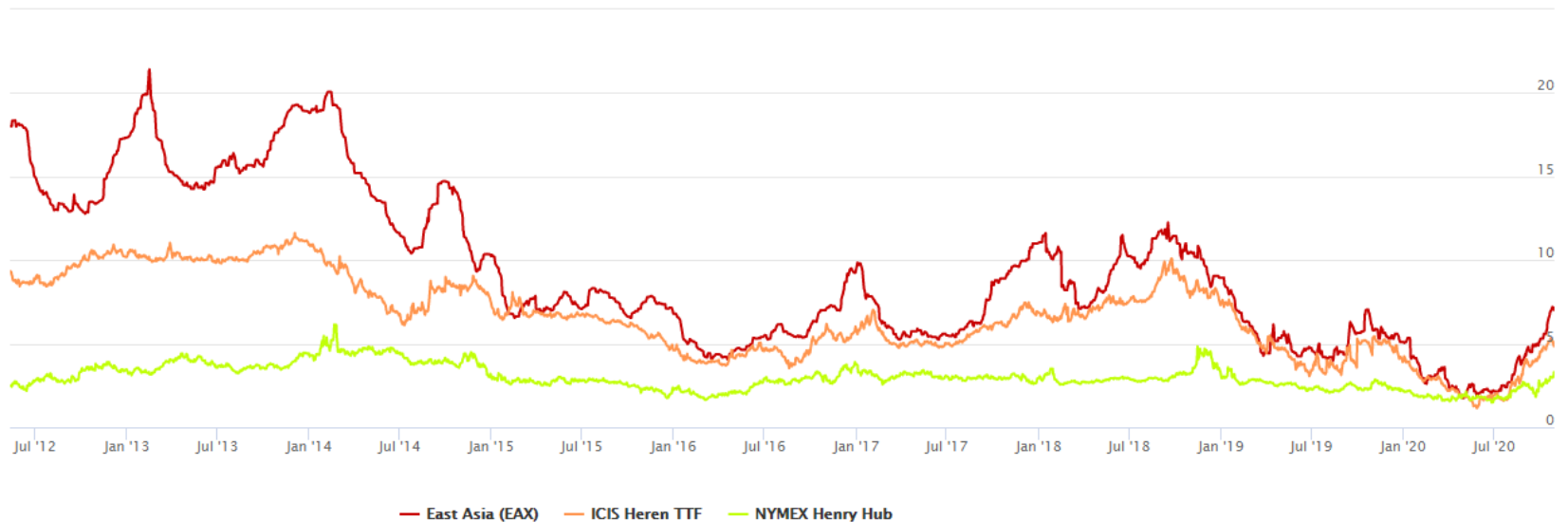
Global LNG



While LNG demand will grow at 3.6% per year in 2020-35, supply-capacity additions will create a “long” market

In near term Europe will be looked to, to balance market impacting Atlantic basin pricing.

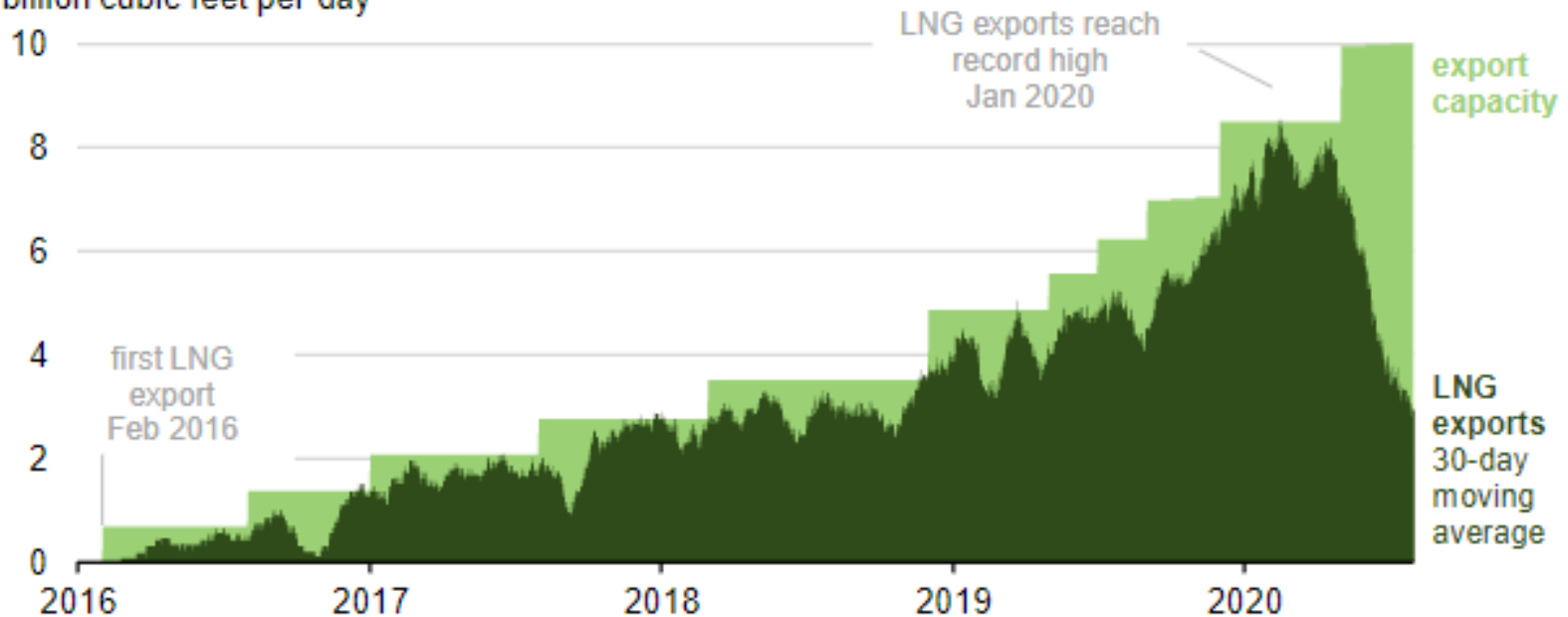
Good time to be a buyer of LNG. LNG will need to remain affordable relative to other commodities, global LNG cannot afford to be supply short.



U.S. LNG Exports Fall off a Cliff Peak in January 2020



Daily U.S. liquefied natural gas (LNG) exports and export capacity
(Jan 2016–Jul 2020)
billion cubic feet per day



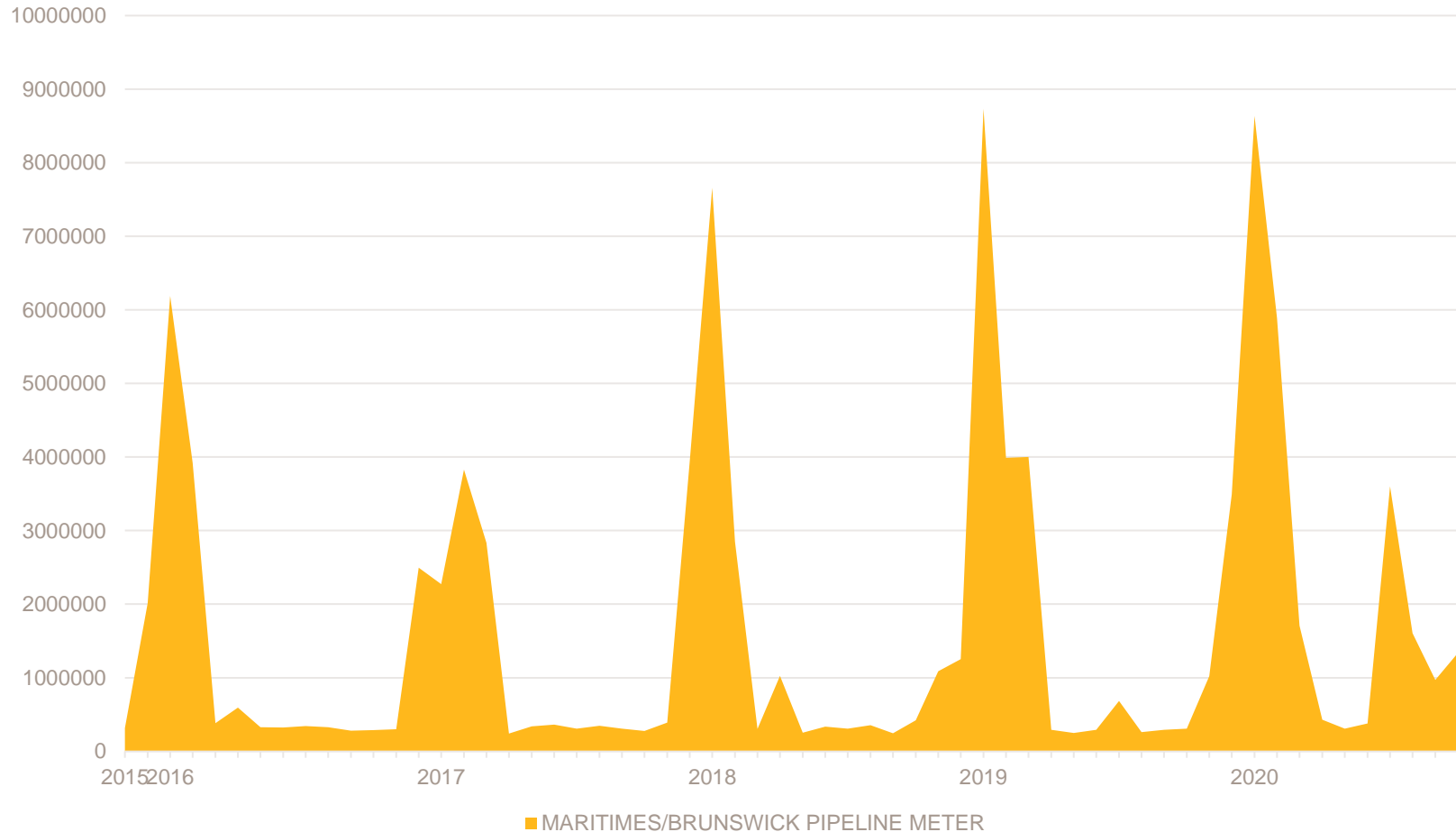
Source: U.S. Energy Information Administration, [Liquefaction Capacity Table](#); U.S. Department of Energy, [LNG Reports](#)
Note: Daily U.S. liquefied natural gas (LNG) exports and export capacity are calculated as a 30-day moving average.

Canaport – Increasing Sendout

Replaced Sable – First Summer Peak seen in yrs



Canaport Sendout
Past 5 Years

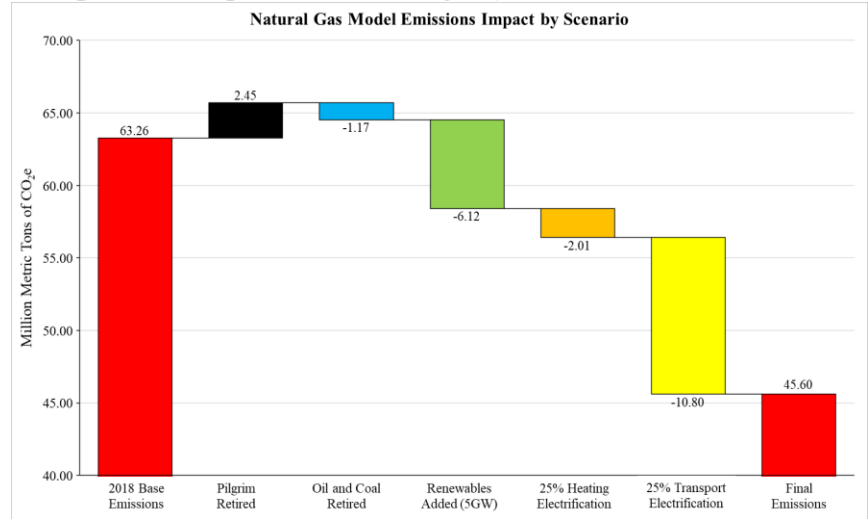
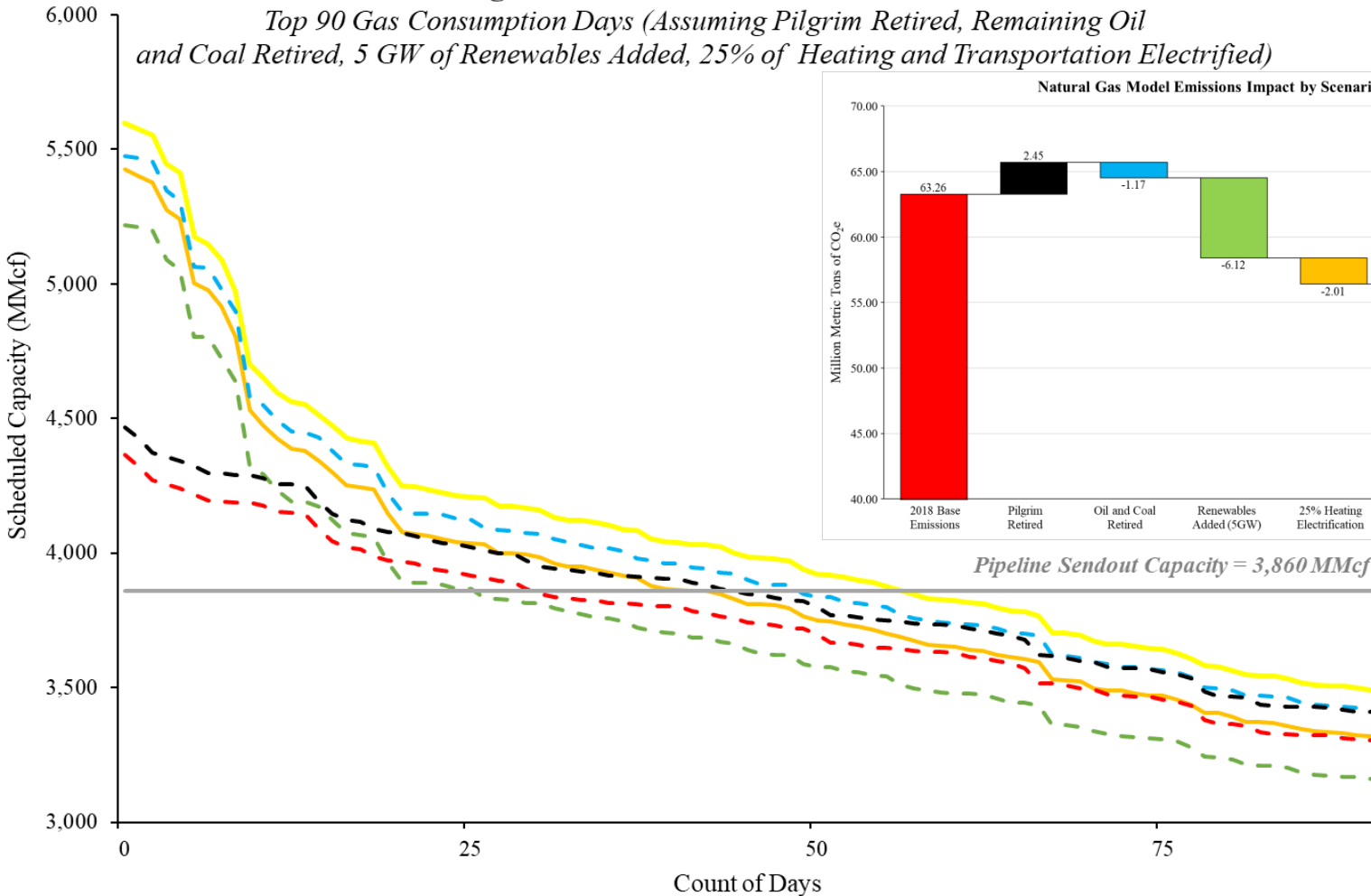


LNG is Vital for Power System Operations even with Major Renewables Growth (5,000 MW)



New England Natural Gas Demand Scenarios

Top 90 Gas Consumption Days (Assuming Pilgrim Retired, Remaining Oil and Coal Retired, 5 GW of Renewables Added, 25% of Heating and Transportation Electrified)



Pipeline Sendout Capacity = 3,860 MMcf

Sources:

- [1] S&P Global Market Intelligence.
- [2] EPA/EIA.
- [3] ISO - New England.

FERC Order – ISO NE Market Program



FERC issued order last Friday night rejecting ISO-NE's Energy Security Improvements (ESI) proposal, concluding that ESI would impose substantial costs on consumers without meaningfully improving fuel security.

FERC found the ESI proposal unjust and unreasonable

- ESI fails to align the timing of procuring reserves with procuring fuel
- ESI's voluntary nature undermines its ability to address fuel security during stressed conditions
- ESI imposes costs on consumers without providing sufficient fuel security and reliability benefits

FERC provided guidance on what it expects from a market-based solution to fuel security concerns. It further noted that it was not prohibiting ISO-NE from proposing a day-ahead reserves market independent of a proposal to address fuel security concerns.

Conclusions

LNG in transition: From Uncertainty to even greater Uncertainty



For NE – LNG is needed to balance the market, meet annual consumption requirements and to support operations with vastly greater net load variability

Growing recognition of the role of gas and LNG as the world tackles poor air quality and climate change.

Canaport is well positioned to contribute to the reduction in emissions throughout NE. We have a key role to play in the energy transition. Largest storage facility in New England, key to reliability and bridge to battery solution.

The outlook for competitive LNG supply provides confidence of a bright future for gas and supply availability in NE

The real challenge to future of LNG is directly linked with energy policy formulation, market programs that incentivize gas generators to enter into fuel commitments over a longer term and the speed of global decarbonization and technology breakthroughs.

- Unburnable before it becomes unaffordable



GRACIAS

