

December 12 - 16, 2022

MARKET SUMMARY



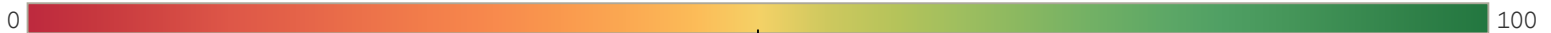
SPOTLIGHT | Underwater Transmission Line Proposed to Connect Puerto Rico and U.S.

Last week, Alternative Transmission Inc. (ATI) submitted a filing to FERC proposing a \$6 billion 2.1 MW-DC underwater transmission line connecting two points on the East Coast of the U.S. to two locations in Puerto Rico. Self-identified as a company that “identifies areas underserved or unserved by conventional transmission wire and wire corridors,”...

Last week, Alternative Transmission Inc. (ATI) submitted a filing to FERC proposing a \$6 billion 2.1 MW-DC underwater transmission line connecting two points on the East Coast of the U.S. to two locations in Puerto Rico. Self-identified as a company that “identifies areas underserved or unserved by conventional transmission wire and wire corridors,” their filing explains how the proposed project would improve the quality of life for residents in Puerto Rico by delivering quality power at considerably lower costs. In August 2022, residential rates in Puerto Rico averaged \$0.30 per kWh compared to \$0.16 in the U.S. The project raises questions about FERC’s jurisdiction in extending a line to Puerto Rico. ATI’s position is that based on historical precedent, interconnection and transmission services do not change FERC’s existing jurisdictional boundaries. Some stakeholders in Puerto Rico have raised concerns that this project would not resolve reliability risks posed by hurricanes to the island’s local distribution infrastructure. FERC’s role in transmission planning continues to be a key focus in addressing reliability and renewable development in a world adapting to climate change.

CES SCORE | Is it Time for Action?

The **CES SCORE** shows how current wholesale commodity prices compare to their 52-week range. A score close to 0 indicates that current prices are close to their 52-week **HIGH**; a score close to 100 indicates that current prices are close to their 52-week **LOW**. Many factors influence how wholesale prices are translated into retail prices paid by consumers and when it is time to consider a price lock. Please contact your CES Energy Services Advisor for customized strategic procurement advice.



NATURAL GAS NYMEX TERMS

12 MONTH: 53
18 MONTH: 51
24 MONTH: 50
36 MONTH: 45

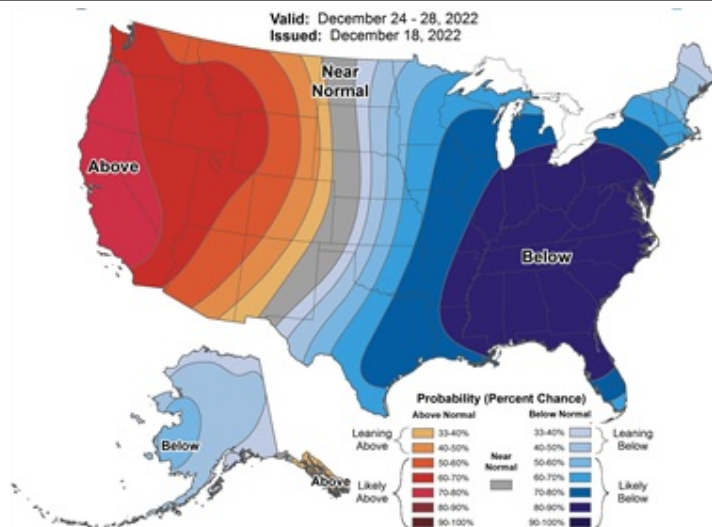
NEW ENGLAND ELECTRICITY TERMS

12 MONTH: 41
18 MONTH: 35
24 MONTH: 35
36 MONTH: 34

CRUDE OIL TERMS

12 MONTH: 66
18 MONTH: 64
24 MONTH: 61
36 MONTH: 58

WEATHER | 6-10 Day Forecast

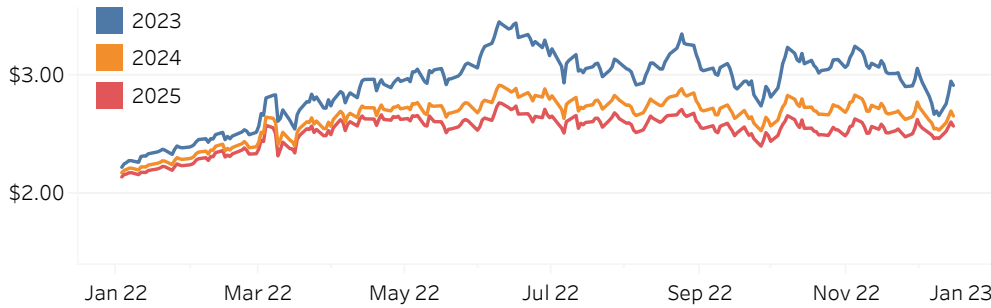


Below average temperatures expected for much of the East Coast and above average temperatures expected for the West Coast.

This map depicts forecasted temperatures for next week compared to the long-term average. The **blue/purple** areas are forecast to be colder than normal, gray areas are normal, and **yellow/orange/red** areas are warmer than normal. Abnormally hot weather in the summer and cold weather in the winter can increase the price for natural gas, oil, and electricity.

OIL & DISTILLATES OVERVIEW

HEATING OIL FUTURE CALENDAR STRIPS - \$/GAL

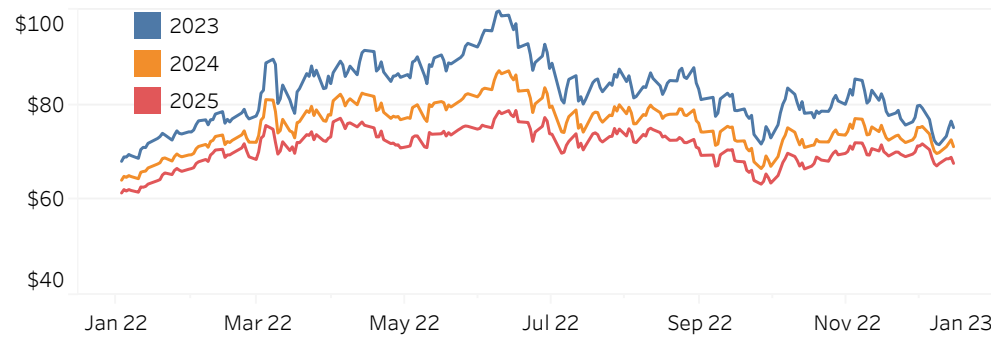


Prompt Month Price For Jan 23

This Week:	\$74.29/Bbl
Prior Week:	\$71.02/Bbl
CHANGE:	\$3.29/Bbl

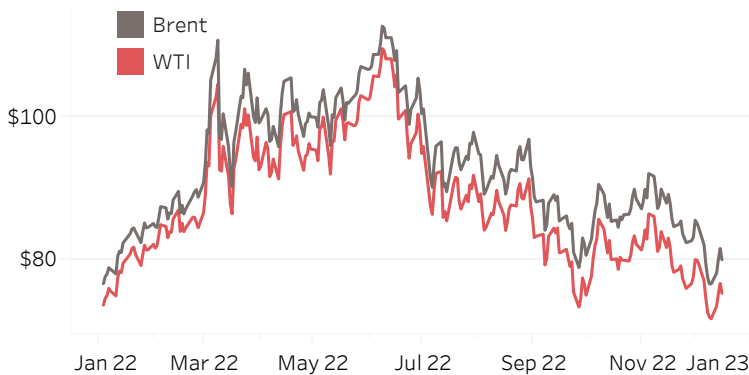
WTI closed at \$74.29/Barrel on Friday, up 4.6% from the week prior. Both WTI and Brent contracts have returned to a backward dated market structure after switching to a contango market last Friday. Contango markets occur when the futures market trades higher than the current spot market. Crude pricing fell slightly at week's end when TC Energy announced that the Keystone Pipeline had restarted following an oil spill in Washington County, Kansas during the week prior. Additionally, US crude stockpiles reached 424 million barrels last week, which is the largest increase since March 2021. This gain was supported by releases from the Strategic Petroleum Reserve, reduced refinery activity, and less exports on the US Gulf Coast than expected.

CRUDE OIL WTI FUTURE CALENDAR STRIPS - \$/BARREL

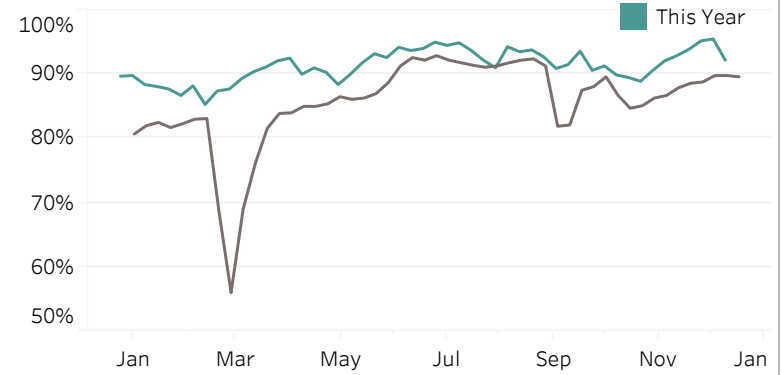


FUNDAMENTALS

CRUDE OIL 12-MONTH ROLLING STRIP - \$/BARREL

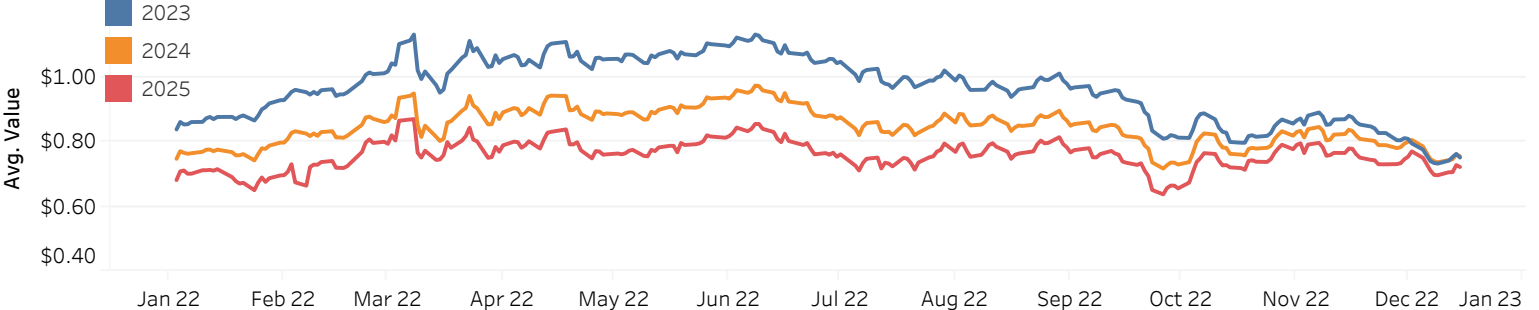


U.S. REFINERY RATES



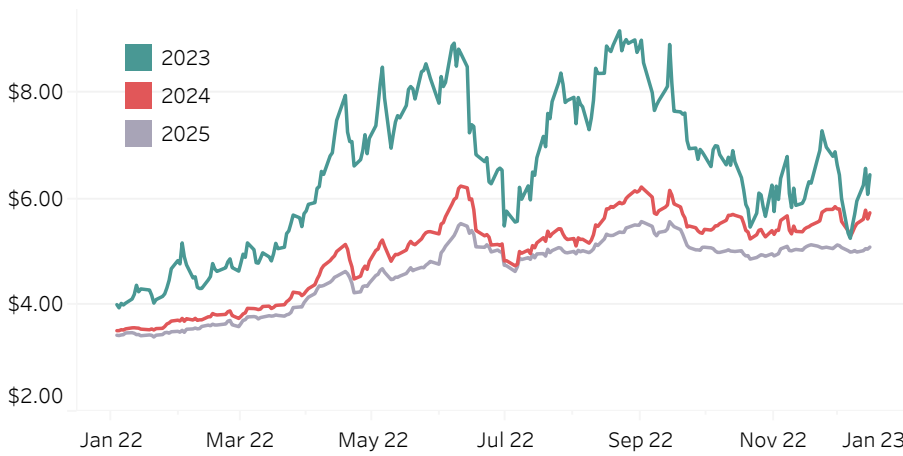
PROPANE

MONT BELVIEU CALENDAR YEAR STRIPS \$/GAL



NATURAL GAS OVERVIEW

WINTER NATURAL GAS NYMEX STRIPS - \$/MMBTU



Prompt Month Price For Jan 23

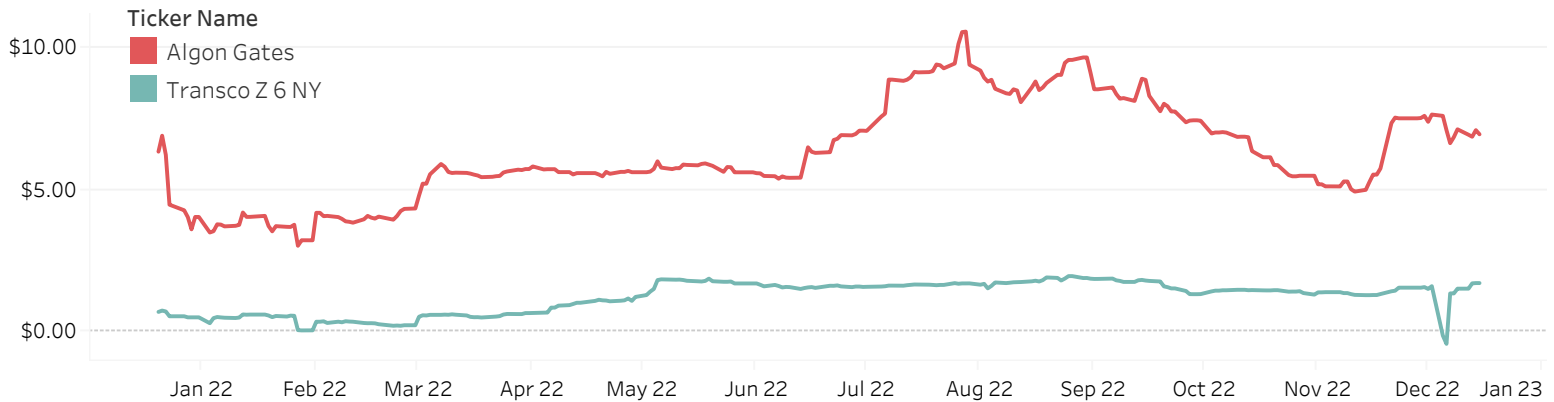
This Week:	\$6.60/MMBTU
Prior Week:	\$6.25/MMBTU
CHANGE:	\$0.35/MMBTU

Natural gas front-month futures settled at \$6.60 on Friday, up 5.6% from the week prior. Cold weather forecasts from early last week had changed to predict more moderate temperatures across the U.S., causing prices to fluctuate across the week. Last week the EIA reported a 50 Bcf withdrawal, putting domestic storage levels just below the 5-year average for this time of year. The IEA published a report last week addressing potential European supply shortages in 2023, noting few LNG projects coming online and increased competition with Asia for shipments. Specifically in China, predicted increases in economic activity could tighten up global supply of LNG and further escalate the EU's supply gap, limiting the possibility of increasing imports to the EU.

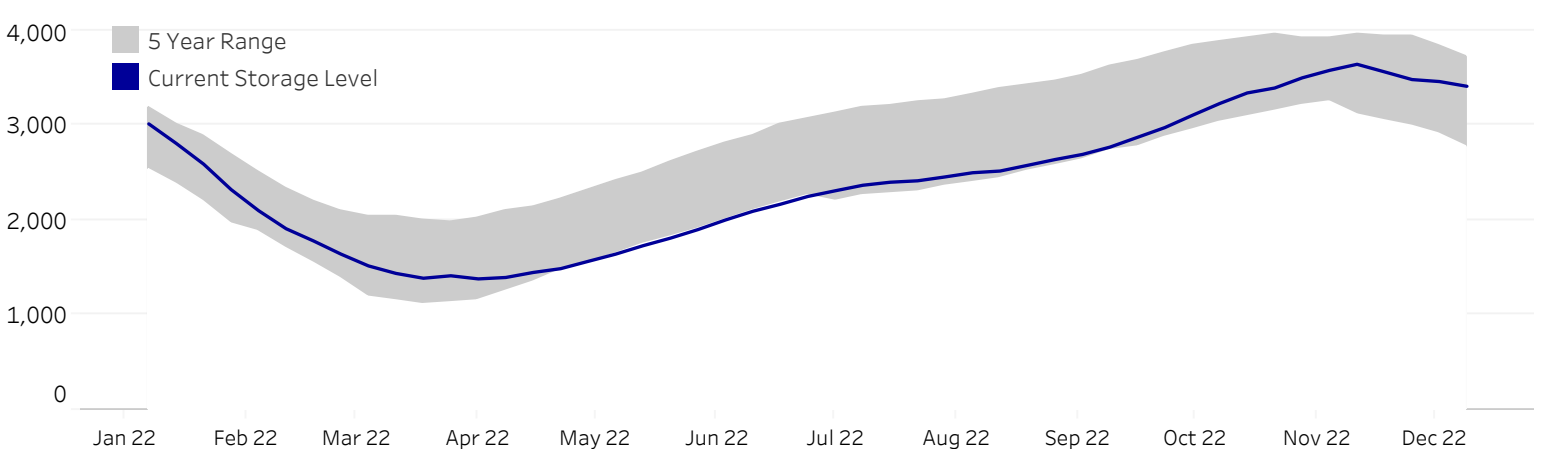
Winter natural gas NYMEX strips are an average of commodity prices for the months of December - March of each winter. Prices are presented in this format to highlight what consumers will pay during the typical heating season in the U.S.

NATURAL GAS FUNDAMENTALS

NATURAL GAS BASIS - ROLLING 12 MO. FUTURES STRIP - \$/MMBTU

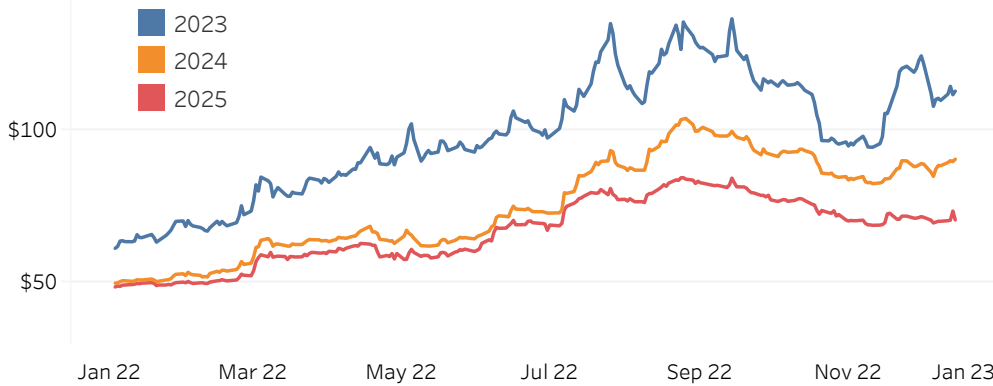


LOWER 48 NATURAL GAS STORAGE - BCF



NEW ENGLAND ELECTRICITY OVERVIEW

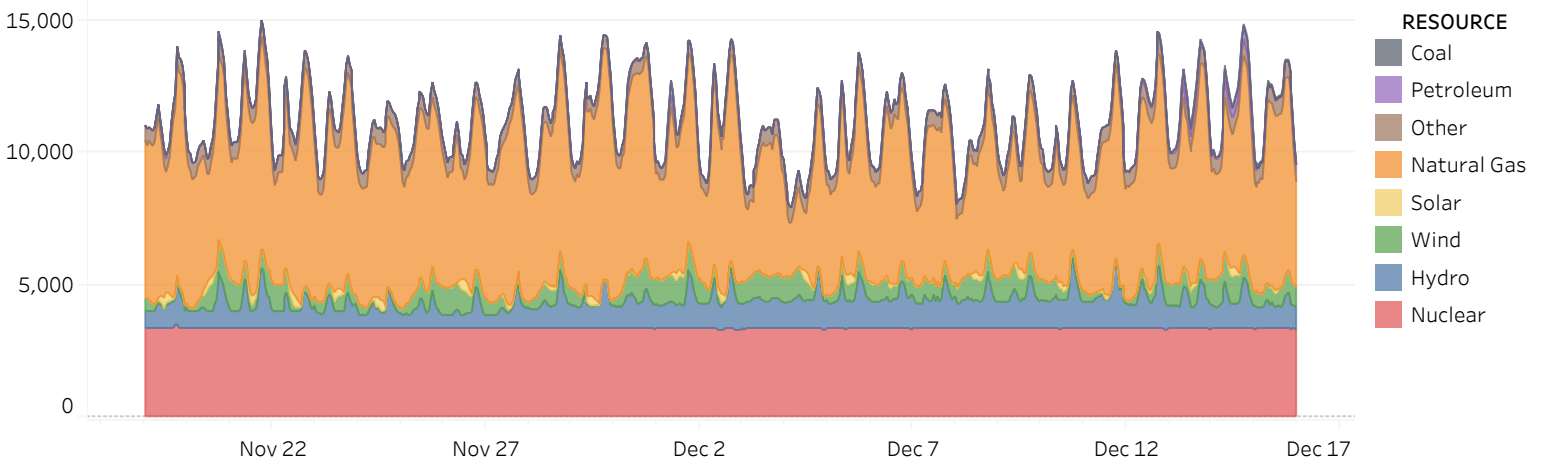
NEPOOL FUTURES MARKET CALENDAR STRIP PRICING -\$/MWH



The NEPOOL 12-month strip rose 2.12% week-over-week, to land just slightly higher than a week ago, at \$112.86/MWh. The 2023 strip settled at \$112.86/MWh, representing a week-over-week increase of 2.12%. The 2024 strip rose 2.33%, settling at \$90.59/MWh, and the 2025 strip rose 0.66% to \$70.74/MWh. This relief and general stability of prices is mostly the result of mild temperatures. This is, however, projected to change with temperatures projected to fall below seasonal averages as December ends. Other factors putting upward pressure on prices include a high LNG baseline and a natural gas storage withdrawal.

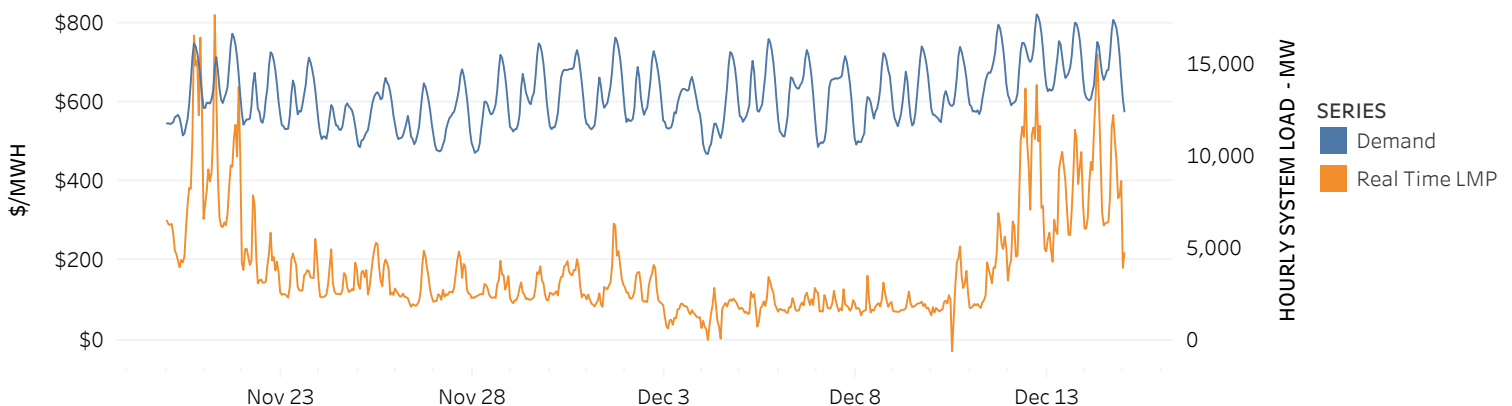
NEW ENGLAND REGIONAL ELECTRICITY GRID GENERATION MIX

ISO-NE GRID ELECTRICITY GENERATION MIX - EXCLUDES IMPORTS - MW



NEW ENGLAND GRID FUNDAMENTALS

ISO NE HOURLY GRID DEMAND & REAL TIME LMP RATE



DISCLAIMER: The information set forth herein is a compilation of public and internal information and is presented solely for the convenience of CES customers. CES does not make any representation or warranties, express or implied, with respect to the accuracy or completeness of the information contained herein. CES shall not have any liability to any person or entity resulting from the use of this information in any way.



ENERGY SERVICES KEY CONTACTS



KEITH SAMPSON

Senior VP Energy Services
(617) 633-9320

ksampson@competitive-energy.com
ISO-NE; Massachusetts, Connecticut,
Rhode Island; NYISO



ZAC BLOOM

VP, Head of Sustainability & Renewables
(617) 237-6497

zbloom@competitive-energy.com
ISO-NE; CAISO; ERCOT; NYISO, SPP



CHARLIE AGNEW

Managing Director of Energy Services
(207) 576-3490

cagnew@competitive-energy.com
ISO-NE; Maine, New Hampshire,
Massachusetts



CHRIS BROOK

Director of Natural Gas & Energy Services
(207) 949-0312

cbrook@competitive-energy.com
ISO-NE; Maine, Massachusetts;
ERCOT; CAISO



LARRY PIGNATARO

Director of Strategic Partnerships
& Sr. Energy Services Advisor
(603) 767-5321

lpignataro@competitive-energy.com
ISO-NE: New Hampshire, Maine,
Massachusetts



SANDY BEAUREGARD

Director of Sustainability Services
(207) 616-6340

sbeauregard@competitive-energy.com
ISO-NE; CAISO; ERCOT; NYISO; SPP



ZACK HALLOCK

Senior Energy Services Advisor
(603) 558-4872

zhallock@competitive-energy.com
ISO-NE; Massachusetts, Connecticut,
New Hampshire; NYISO



LAUREN GREY

Energy Services Advisor
(207) 712-9703

lgrey@competitive-energy.com
ISO-NE; Maine

Thank you for choosing

Competitive Energy Services!

For all your energy market
questions, please contact
your **Energy Services
Advisor** today.



INDEPENDENT ENERGY EXPERTS



(207) 772-6190 | competitive-energy.com