

October 17 - 21, 2022

MARKET SUMMARY



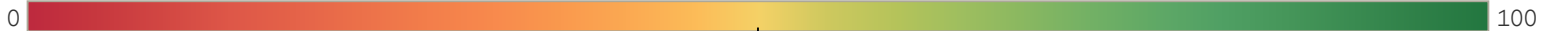
SPOTLIGHT | Massachusetts Offshore Wind Developer Re-Negotiates Their Costs

Avangrid, the company slated to implement a 1,232-megawatt wind farm off the coast of Massachusetts, has asked the state for the opportunity to renegotiate its contracts. Due to economic pressure and soaring energy costs, Avangrid claims that the project is no longer viable under its current contracts due to rising project costs....

Avangrid, the company slated to implement a 1,232-megawatt wind farm off the coast of Massachusetts, has asked the state for the opportunity to renegotiate its contracts. Due to economic pressure and soaring energy costs, Avangrid claims that the project is no longer viable under its current contracts due to rising project costs. They have asked for a month-long pause on their existing power purchase agreements (PPAs) proceeding with the DPU, to give them adequate time to renegotiate. The current PPAs which are set with three prominent Massachusetts utility companies start at \$47.68/MWh for power and \$11.92 for renewable energy credits (RECs). The project, which is a critical piece of Massachusetts' 2030 goal of a 50% emissions reduction from 1990 levels, has recently pushed back its expected operational date from 2027 to 2028. While still ahead of the 2030 goal, any further delays will make it that much harder for the state to achieve its goals.

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: 71 |
| 18 MONTH: 64 |
| 24 MONTH: 63 |
| 36 MONTH: 57 |

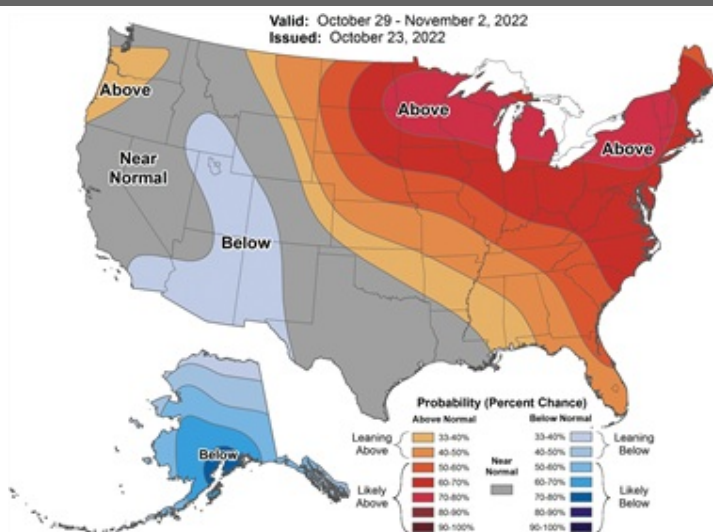
NEW ENGLAND ELECTRICITY TERMS

| |
|--------------|
| 12 MONTH: 56 |
| 18 MONTH: 41 |
| 24 MONTH: 45 |
| 36 MONTH: 39 |

CRUDE OIL TERMS

| |
|--------------|
| 12 MONTH: 57 |
| 18 MONTH: 56 |
| 24 MONTH: 55 |
| 36 MONTH: 52 |

WEATHER | 6-10 Day Forecast

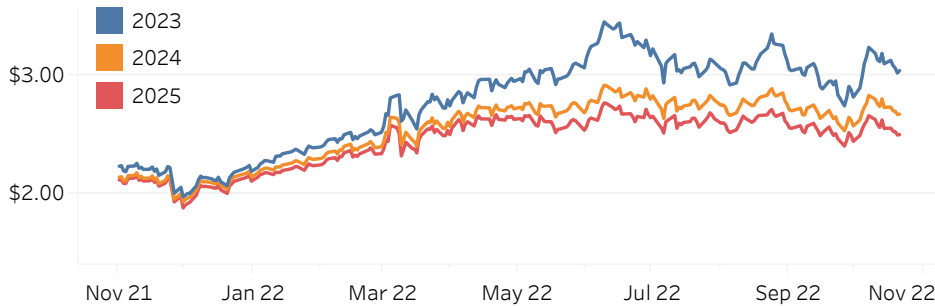


Above average temperatures are expected for New England and the Great Lakes regions, with near normal and below average temperatures expected in the West.

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 Nov 22

| | |
|-------------|--------------|
| This Week: | \$85.05/Bbl |
| Prior Week: | \$85.61/Bbl |
| CHANGE: | \$(0.56)/Bbl |

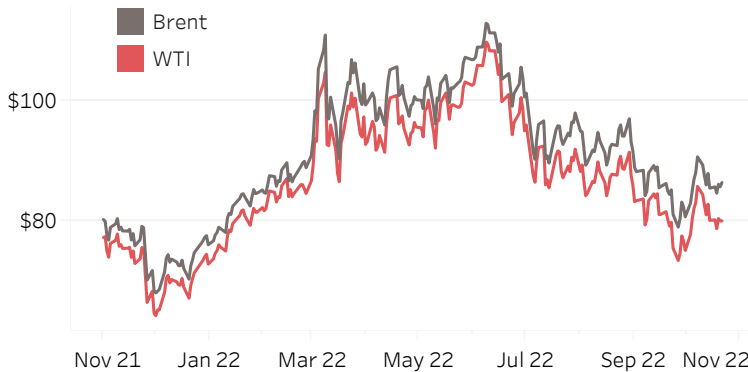
WTI closed at \$85.05 on Friday, down 0.7% from the week prior. Crude prices finished the week marginally lower as tight global supply persists while worries of an economic slowdown held prices in check. Comments from the Federal Reserve Bank of Philadelphia this past week indicated further interest rate hikes in an effort to tame inflation, providing a weaker outlook for crude demand. Global crude supply, however, remains limited, following the recent decision by OPEC+ to reduce its daily supply output along with the planned European Union ban on exported Russian oil which is set to begin in December. In the U.S., President Biden announced an additional 15-million-barrel release from the Strategic Petroleum Reserve (SPR) by the end of the year to boost supply, but prices largely remained flat with the SPR now at its lowest levels in nearly four decades.

CRUDE OIL WTI FUTURE CALENDAR STRIPS - \$/BARREL

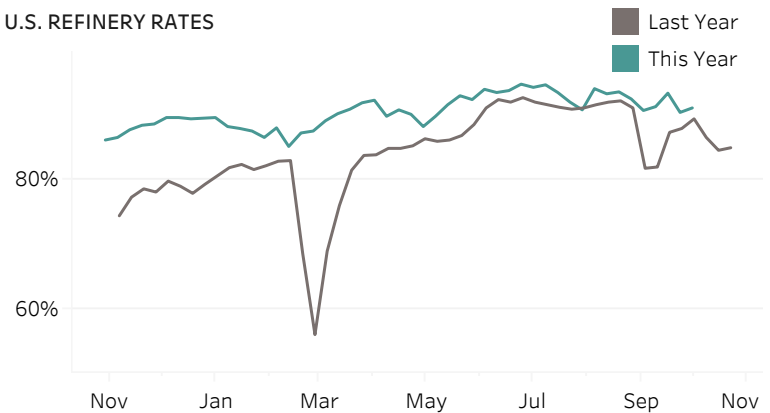


FUNDAMENTALS

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

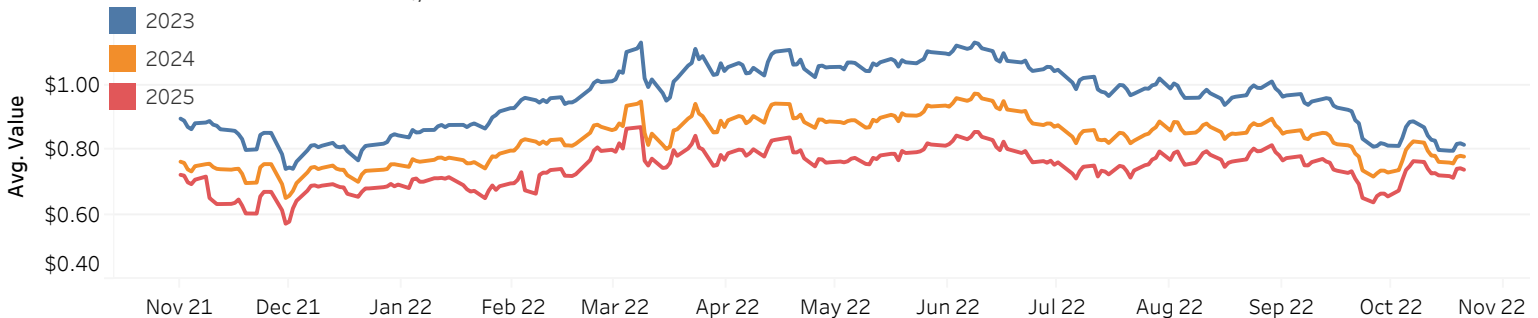


U.S. REFINERY RATES



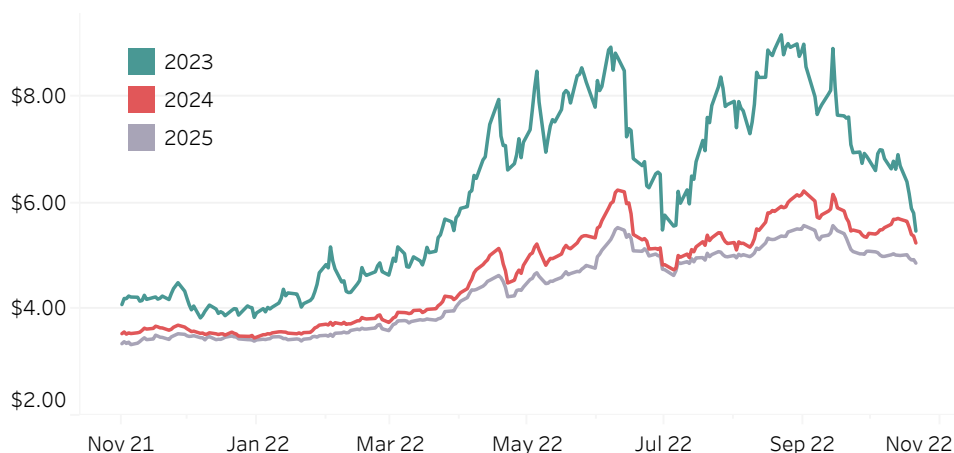
PROPANE

MONT BELVIEU CALENDAR YEAR STRIPS \$/GAL



NATURAL GAS OVERVIEW

WINTER NATURAL GAS NYMEX STRIPS - \$/MMBTU



Prompt Month Price For Nov 22

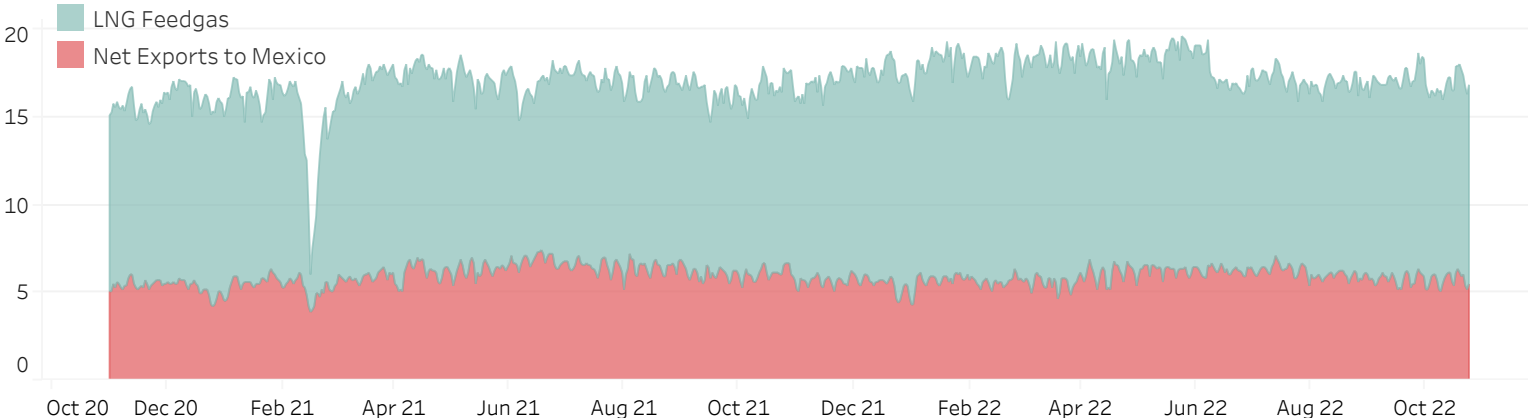
| | |
|--------------------|----------------|
| This Week: | \$4.96/MMBTU |
| Prior Week: | \$6.74/MMBTU |
| CHANGE: | (\$1.78)/MMBTU |

Natural gas futures plummeted last week to a 7-month low, falling 23.2% on warm weather to settle at \$4.96/MMBTU on Friday. This weather was also felt throughout Europe over this past week, which could help keep their storage levels elevated as they prepare for a winter without Russian gas. Another robust storage inventory build of 111 Bcf surpassed most analysts' expectations. The storage outlook has dramatically improved over the past couple of months, with the gap between this year and historical levels steadily closing. With colder weather forecasted for the week ahead, the trend of strong gains may subside.

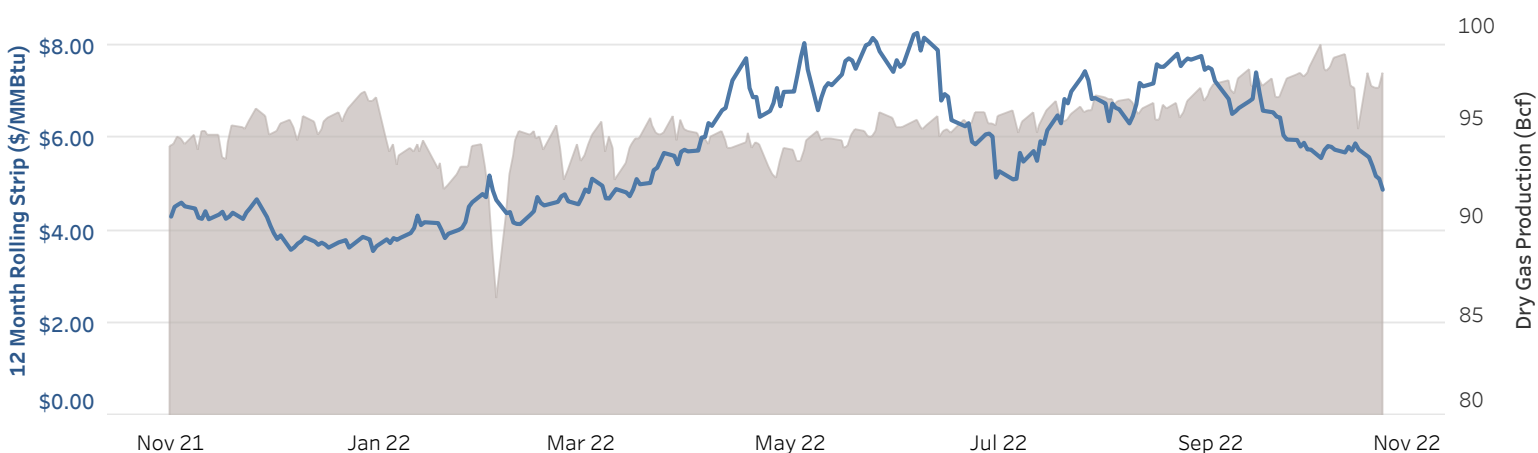
Winter natural gas NYMEX strips are an average of commodity prices for the months of December - March of each winter. Prices are presented in this format to highlight what consumers will pay during the typical heating season in the U.S.

NATURAL GAS FUNDAMENTALS

U.S. NATURAL GAS TOTAL EXPORTS - BCF



U.S. NATURAL GAS PRICE VS. PRODUCTION



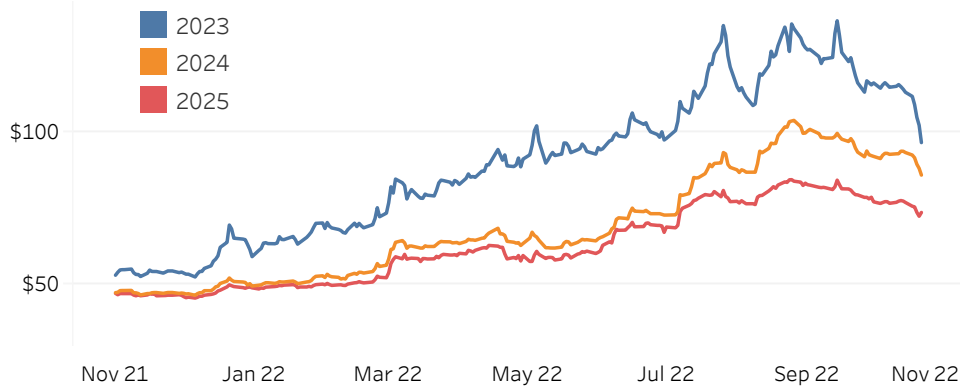
MARKET SUMMARY

October 17 - 21, 2022



NEW ENGLAND ELECTRICITY OVERVIEW

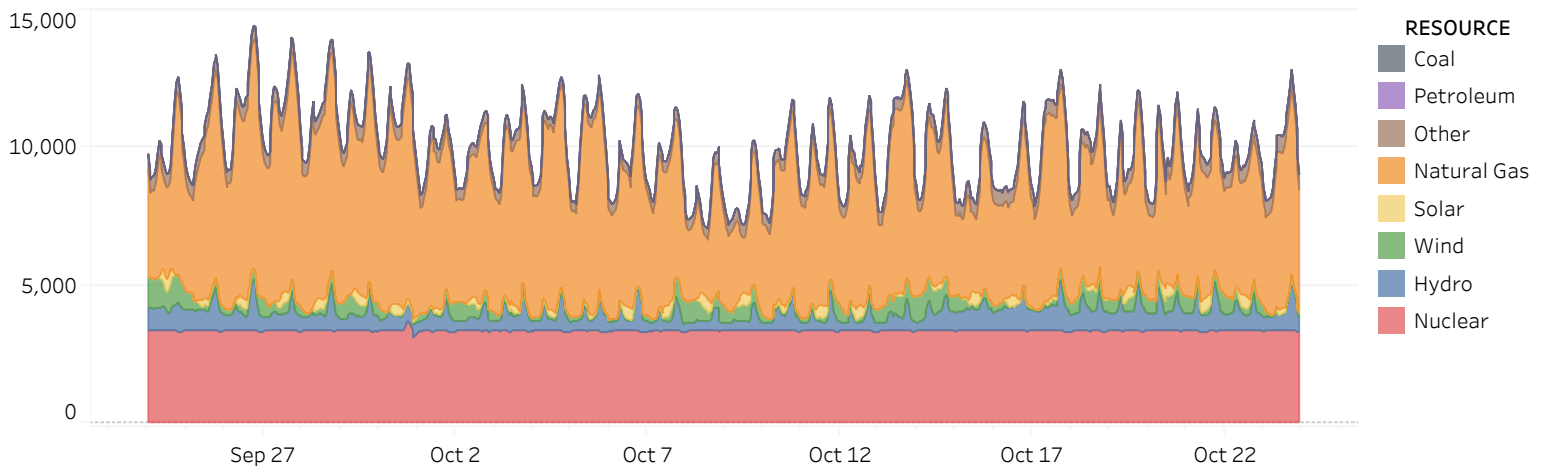
NEPOOL FUTURES MARKET CALENDAR STRIP PRICING -\$/MWH



The NEPOOL 12-month strip fell for the fourth consecutive week, tumbling 16.8% to settle at \$94.53/MWh on Friday. This is the lowest 12-month strip price seen since March of this year, driven by the steep decline seen in natural gas markets. The NEPOOL futures market 2023 calendar strip similarly dropped by 14%, settling at \$96.67/MWh. The 2024 strip fell by 7.9%, settling at \$86.03/MWh, and the 2025 strip fell by 4.2%, settling at \$73.82/MWh. This week-over-week decline is largely driven by lower natural gas demand amidst warmer temperatures both in the U.S. and in Europe.

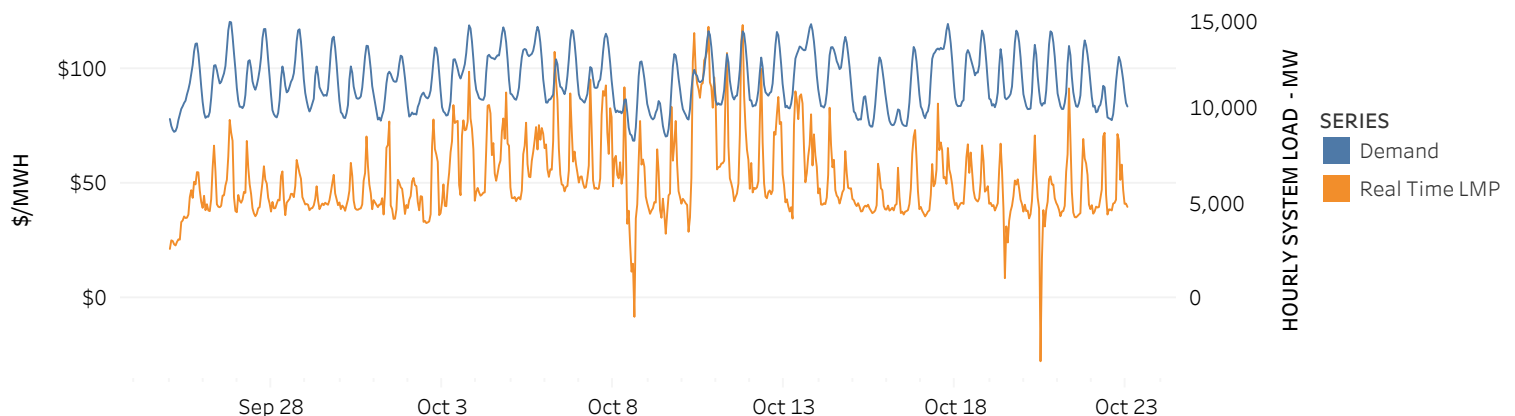
NEW ENGLAND 7-DAY DEMAND FORECAST

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