

ORIGINAL

NEW YORKERS *for* 
Affordable Energy

CORRECTED



NEW YORKERS for Affordable Energy

FALSE

CRAI'S NEW YORK BUSINESS
REGISTER FOR FREE LOGIN SUBSCRIBE
Home > Climate change
November 07, 2022 05:01 PM
New York fossil fuel industry spent \$15M to lobby against climate measures: report
CAROLINE SPIVACK

CITY & STATE
The fossil fuel industry has worked hard opposing New York climate action
A new report details how energy companies have spent over \$15 million in the past six years to lobby against green energy initiatives

SUBSCRIBE NOW \$9.99 for 1 Year
lohud.
News Sports Rockland Westchester Food Data Obituaries eNewspaper Legals
The gas industry is trying to sway critical NY climate policy. Here's why

Fossil Fuel Industry Mobilizes Front Group To Weaken NY Climate Law

by Rob Galbraith and Derek Seidman
APRIL 19, 2022



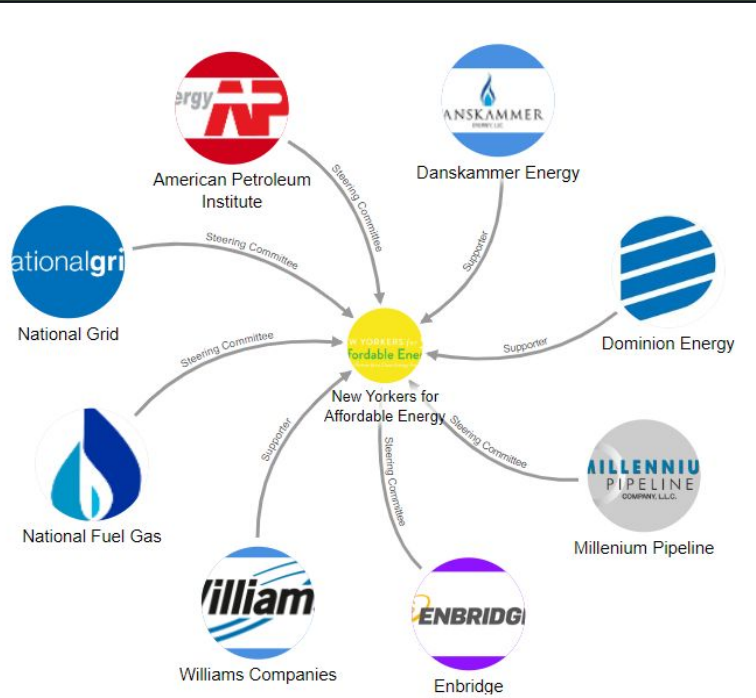
Utilities Front Groups

New Yorkers for Affordable Energy

New Yorkers for Affordable Energy (NY4AE) is a front group whose utility company members include National Grid, Avangrid, Central Hudson, and National Fuel. The group, which advocates for expanding methane gas infrastructure in New York, also receives support from other major gas industry interests, such as the American Petroleum Institute, Williams Companies, and Millennium Pipeline.

FORM 990-EZ, PART III - ORGANIZATION'S PRIMARY EXEMPT PURPOSE

THE EXPANSION OF NATURAL GAS SERVICE WILL BRING MORE AFFORDABLE HEAT AND ELECTRICITY TO NEW YORK HOMES AND BUSINESSES, HELPING TO KEEP ENERGY PRICES LOW



New Yorkers for Affordable Energy is a fossil-fuel front group whose goal is to help expand the expensive and polluting fossil gas infrastructure. Multiple studies indicate that in almost all of New York, it costs less to construct and power all-electric construction.



ORIGINAL

Our Mission

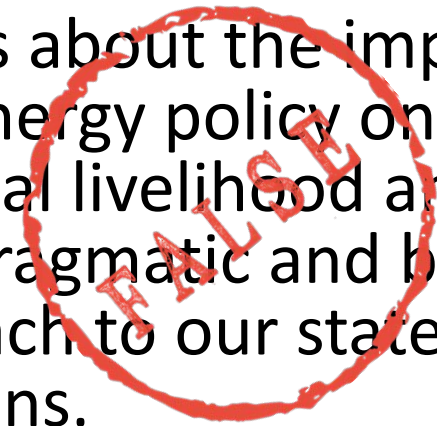
Our mission is to educate New Yorkers about the impacts of New York energy policy on their personal livelihood and advocate for a pragmatic and balanced approach to our state's energy decisions.



CORRECTED

Our Mission

Our mission is to educate New Yorkers about the impacts of New York energy policy on their personal livelihood and advocate for a pragmatic and balanced approach to our state's energy decisions.



Form 990-EZ		48 11047	Short Form Return of Organization Exempt From Income Tax Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)	OMB No 1545-0047
Department of the Treasury Internal Revenue Service			lan	2019
			Do not enter social security numbers on this form, as it may be made public.	Open to Public Inspection
			Go to www.irs.gov/Form990EZ for instructions and the latest information	
A For the 2019 calendar year, or tax year beginning , 2019, and ending ,				
B Check if applicable		C		D Employer identification number
<input type="checkbox"/> Address change		NEW YORKERS FOR AFFORDABLE ENERGY INC		84-1780324
<input type="checkbox"/> Name change		111 WASHINGTON AVE #602		E Telephone number
<input checked="" type="checkbox"/> Initial return		ALBANY, NY 12210		(845) 721-5396
<input type="checkbox"/> Final return/terminated				
FORM 990-EZ, PART III - ORGANIZATION'S PRIMARY EXEMPT PURPOSE				
THE EXPANSION OF NATURAL GAS SERVICE WILL BRING MORE AFFORDABLE HEAT AND				
ELECTRICITY TO NEW YORK HOMES AND BUSINESSES, HELPING TO KEEP ENERGY PRICES LOW				

28 THE MISSION IS TO EXPAND NATURAL GAS SERVICE, WHICH WILL BRING MORE AFFORDABLE HEAT AND ELECTRICITY TO NEW YORK HOMES AND BUSINESSES, HELPING TO KEEP ENERGY PRICES LOW FOR CONSUMERS.

(Grants \$) If this amount includes foreign grants, check here

Methodology

- Survey conducted January 2021
- Sample Size: 700 likely New York voters
- Margin of error 3.70%

Demographics

- 56% Female 44% Male
- Age:
 - 18-34 = 16%
 - 35-49 = 21%
 - 50-64 = 31%
 - 65-plus = 33%

Geography

- NYC = 65%
- Central/Eastern NY = 19%
- Western NY = 17%

Political Party

- Democrat = 52%
- Republican = 26%
- Unaffiliated = 16%
- Other party = 4%
- Unsure = 1%

Methodology

- Survey conducted January 2021
- Sample Size: 700 likely New York voters
- Margin of error 3.70%

Demographics

- 56% Female 44% Male
- Age:
 - 18-34 = 16%
 - 35-49 = 21%
 - 50-64 = 31%
 - 65-plus = 33%

The survey's respondents are overwhelmingly from NYC.

NYC already has a gas ban on new low-rise construction starting 2024 and high-rise starting 2027.

The demographics and regions where the said policies apply are not well-represented in this survey.

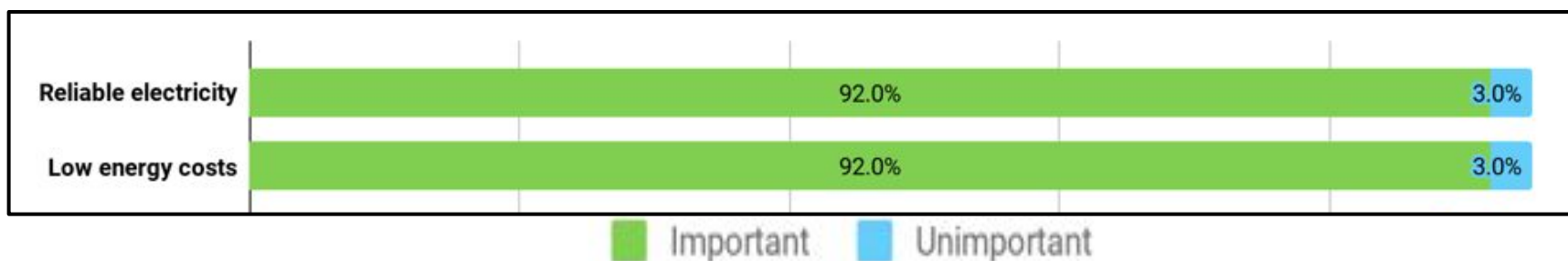
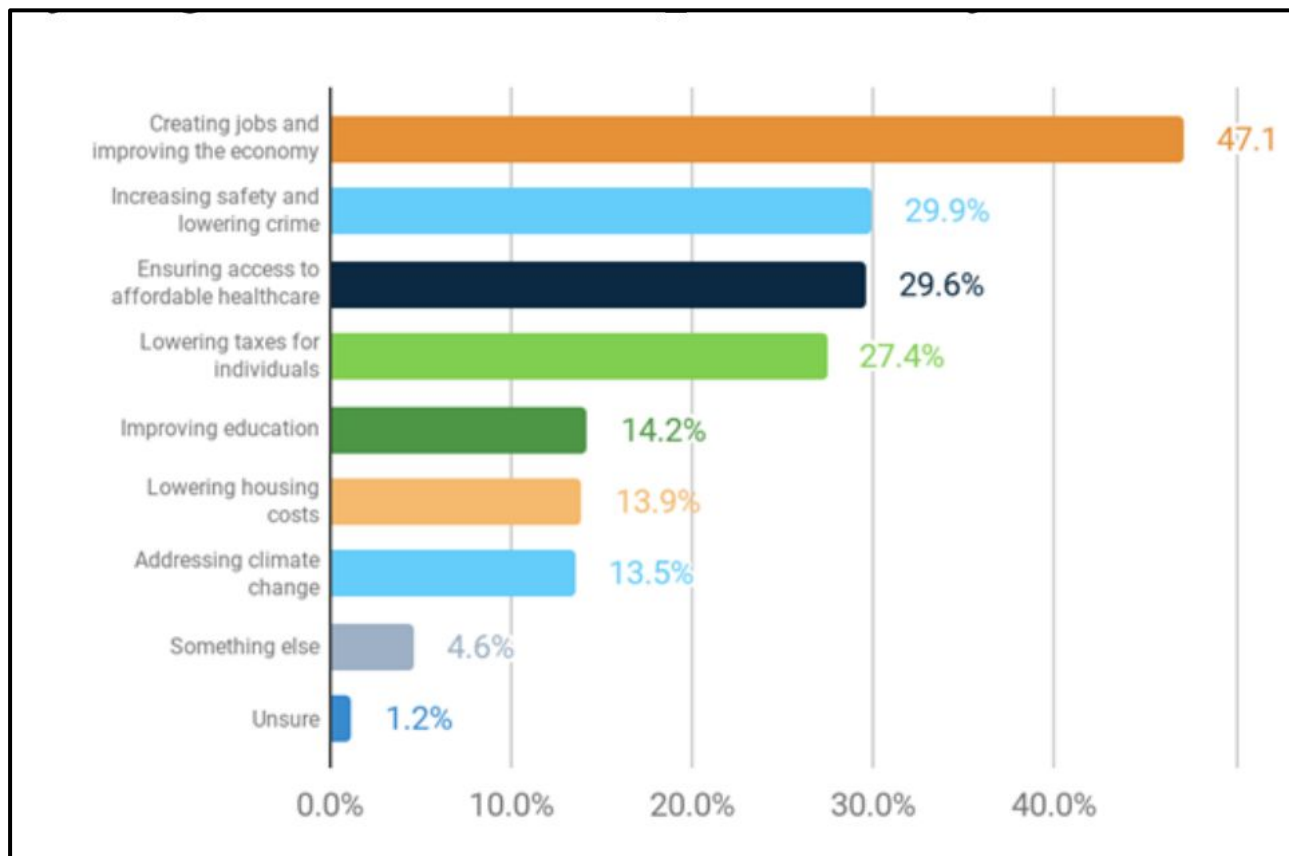
Geography

- NYC = 65%
- Central/Eastern NY = 19%
- Western NY = 17%

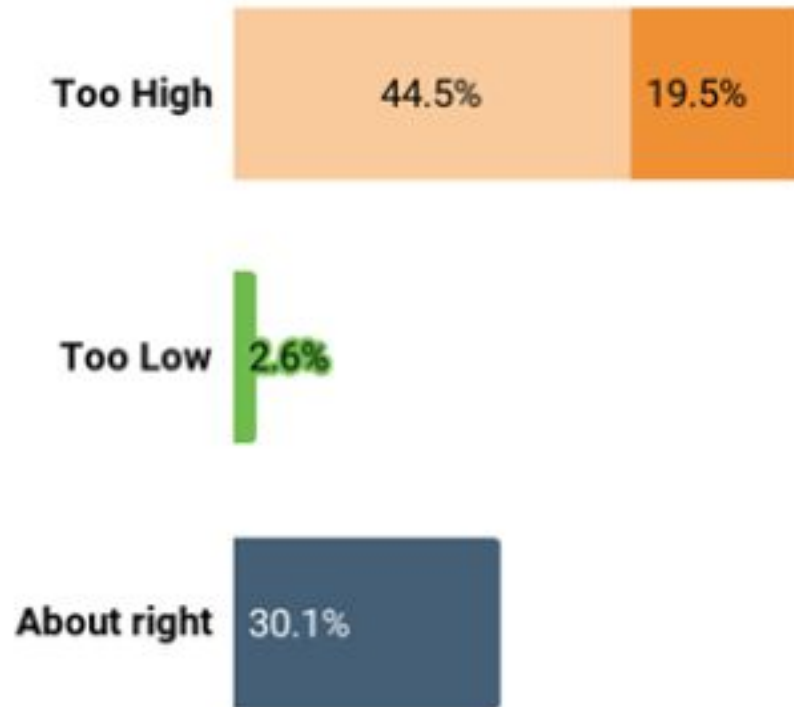
Political Party

- Democrat = 52%
- Republican = 26%
- Unaffiliated = 16%
- Other party = 4%
- Unsure = 1%

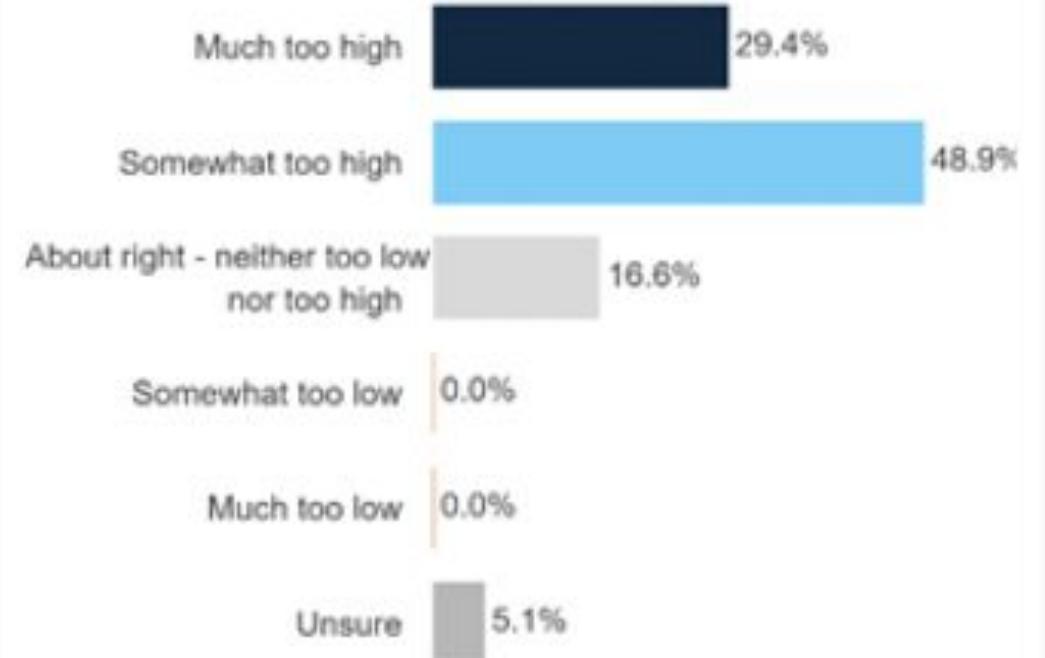
Top Priorities for New Yorkers



64% Think Energy Costs are too High



Long Island Residents feel more strongly about high energy bills



Energy Transition Costs

Electrification is at least 3.5 times more expensive than natural gas.

Type of energy	Per million Btu ¹
Electricity	\$39.01
Natural Gas	10.64
No. 2 Heating Oil	19.73
Propane	19.21
Kerosene	23.35

Large commercial facilities may pay *twice* as much for electricity

ORIGINAL



Energy Transition Costs

Electrification is at least 3.5 times more expensive than natural gas.

FALSE

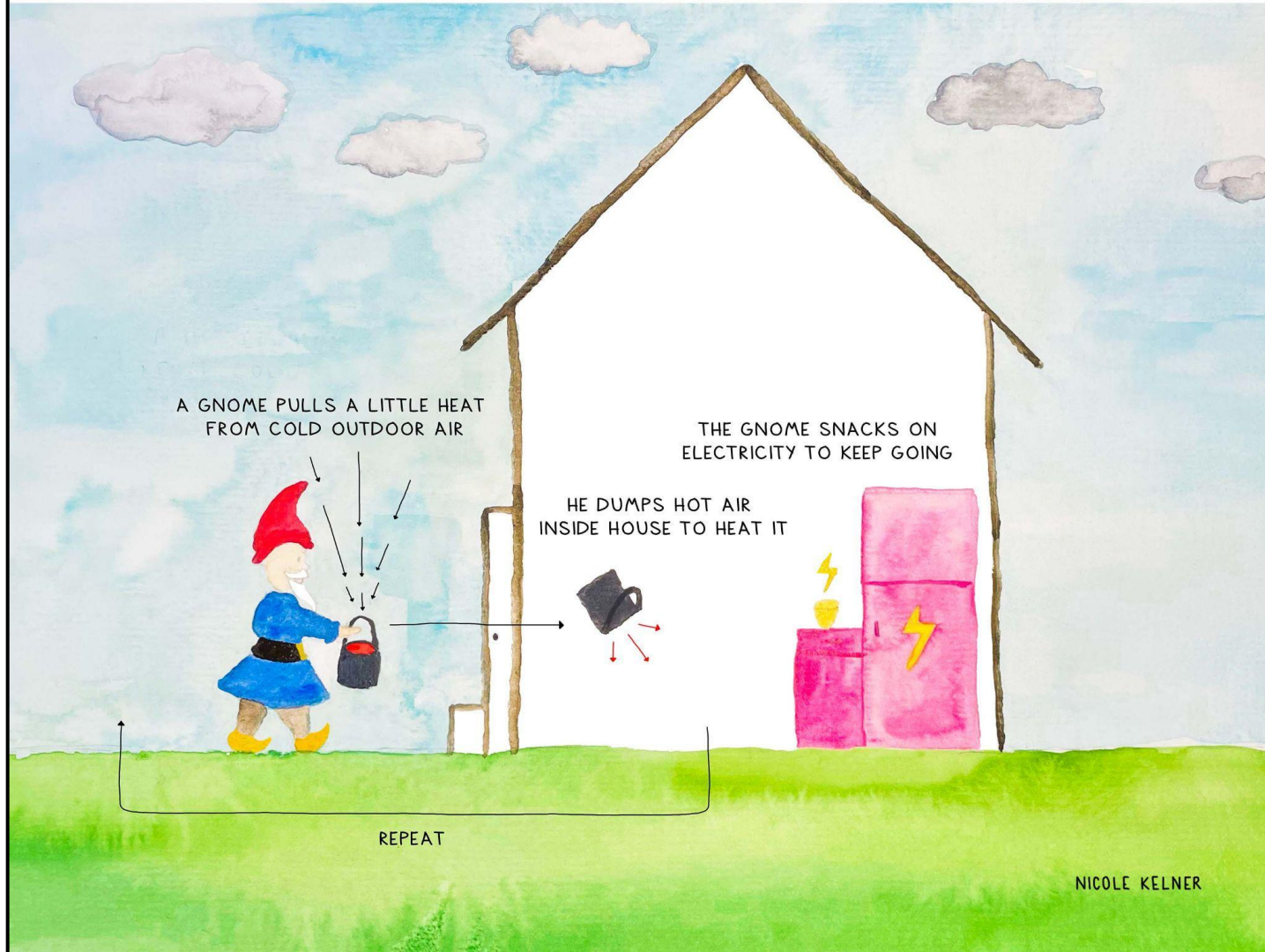
Type of energy	Per million Btu ¹
Electricity	\$39.01
Natural Gas	10.64
No. 2 Heating Oil	19.73
Propane	19.21
Kerosene	23.35

- [Heat pumps](#) consume 2-5X less energy to do the same job as gas furnaces. It's wrong to compare electricity and fossil gas BTUs because the electricity used by the heat pumps doesn't produce those BTUs; it's used to transfer heat from the ambient ground or air.
- This data from January 2021 or earlier is obsolete. Gas prices have risen faster than electricity prices in most regions of New York.
- With the US becoming the world's [largest exporter](#) of liquified natural gas following an astounding [surge in export capacity](#), domestic prices will be determined by the highest international bidder.
- High prices for fossil "natural" gas are here to stay.

Large commercial facilities may pay *twice* as much for electricity

CORRECTED

EXPLAIN HOW A HEAT PUMP WORKS LIKE I'M A 5 YEAR OLD



Electrifying New York

ORIGINAL

Upfront Electrification Upgrades and Costs

\$40-\$50k to Electrify an Older Home

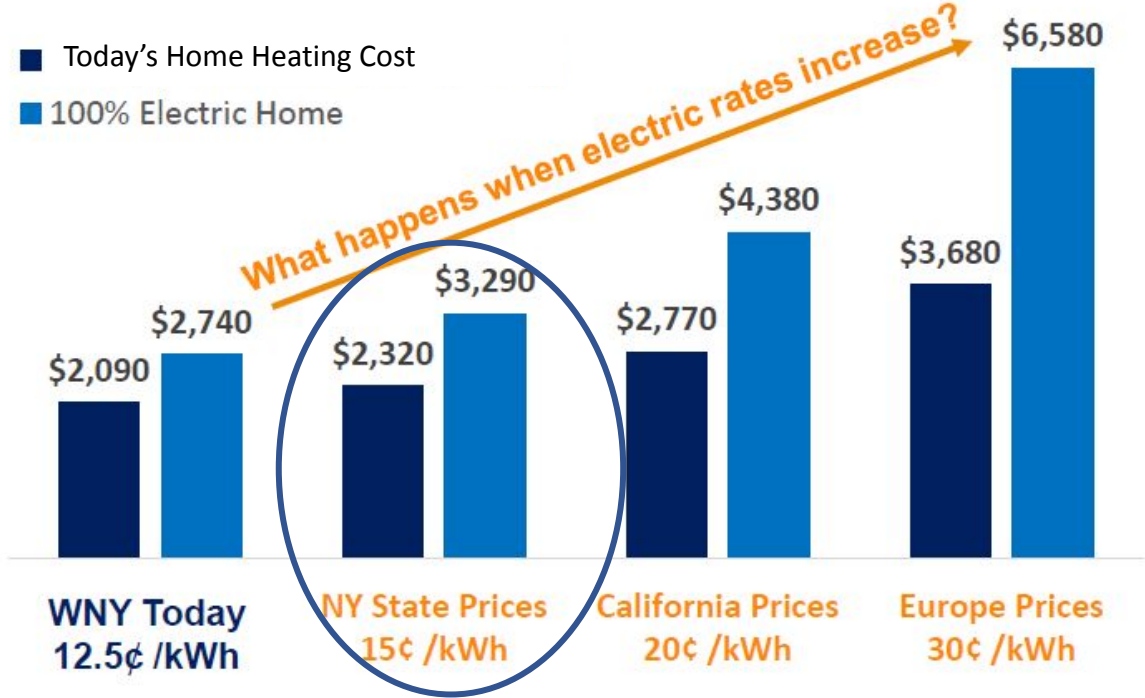
Equipment Conversion	
Ductless Mini-splits	\$19,000
ASHP Water Tank	\$2,800
Cooking & Drying	\$1,250
Total Equipment Costs	\$23,050

Electrical Upgrades	
Upgraded 200 Amp Service	\$4,500
New Lines Throughout House	\$16,500
Electric Vehicle Charging Plugs (2)	\$1,400
Total Electrical Upgrade Costs	\$22,400

Source: Internal analysis performed by NFG's Energy Services team. Reflects upgrades required for a 100 year-old home with boiler/radiator heating system, no central A/C and old 100 amp electrical service. Excludes building envelope upgrades / enhancements.

Annual Home Energy Costs

Energy Costs increase almost \$1,000 a year



Source: CJ Brown analysis from December 2021. Includes existing electric consumption. Assumes retail gas price of \$8.80 per Mcf.

Costs to convert buildings to all-electric are substantially more expensive than natural gas

Electrifying New York

Upfront Electrification Upgrades and Costs

\$40-\$50k to Electrify an Older Home

Equipment Conversion

Ductless Mini-splits	\$19,000
ASHP Water Tank	\$2,800
Cooking & Drying	<u>\$1,250</u>
Total Equipment Costs	\$23,050

Electrical Upgrades

Upgraded 200 Amp Service	\$4,500
New Lines Throughout House	\$16,500
Electric Vehicle Charging Plugs (2)	<u>\$1,400</u>
Total Electrical Upgrade Costs	\$22,400

Source: Internal analysis performed by NFG's Energy Services team. Reflects upgrades required for a 100 year-old home with boiler/radiator heating system, no central A/C and old 100 amp electrical service. Excludes building envelope upgrades / enhancements.

Full of falsehoods and fear mongering.

- The equipment costs would be incurred only when replacing the existing equipment at the end of its life. Will the new air conditioner and gas-fueled furnace be free?
- There are substantial incentives for LMI households, which, when stacked can help cover a most of the upgrade costs.
- More [incentives](#) for all adopters of heat pump based space and water heaters as well as electric cooking equipment will be available through the federal Inflation Reduction Act.
- Most homes will not require an upgrade to 200 Amp service; many already have it and others will use [smart panels](#).
- No, you don't need new lines throughout the house – only to the locations of the heat pump, radiant/induction stove, clothes dryer.
- Mini-splits are just one kind of heat pump based HVAC systems.
- Electric Vehicle charging plug cost included in comparison with natural gas? Really? Who's driving "natural" gas fueled cars in New York?

Costs to convert buildings to all-electric are substantially more expensive than natural gas

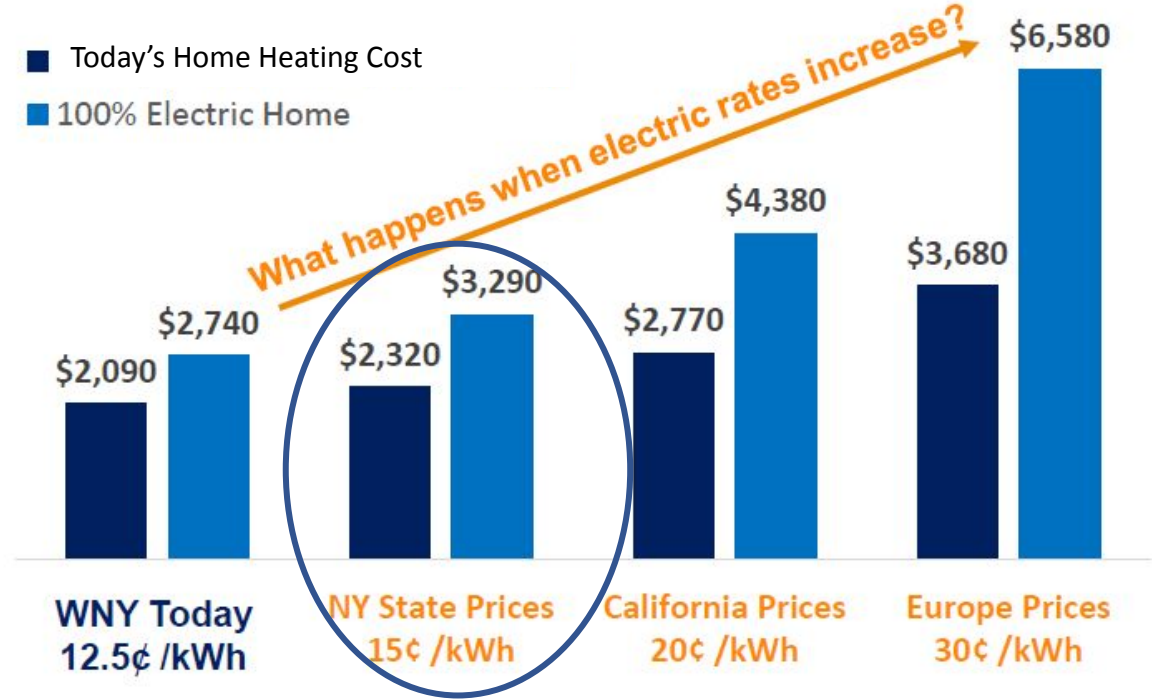
CORRECTED

Electrifying New York

- A simple cost comparison between gas and electricity is misleading because electric equipment is dramatically more efficient and uses only a fraction of the energy relative to direct fuel combustion.
- The price increase assumptions are bogus because they assume large increases in electric rates only, which are mainly due to the increase in natural gas prices in the first place right now. Since gas is not the sole fuel used for electricity generation, fuel-driven electricity price increase is generally slower than that of fossil “natural” gas.
- The more recent studies like [this](#) show that All-Electric new homes would have lower energy costs than gas-fueled homes in most of New York State.

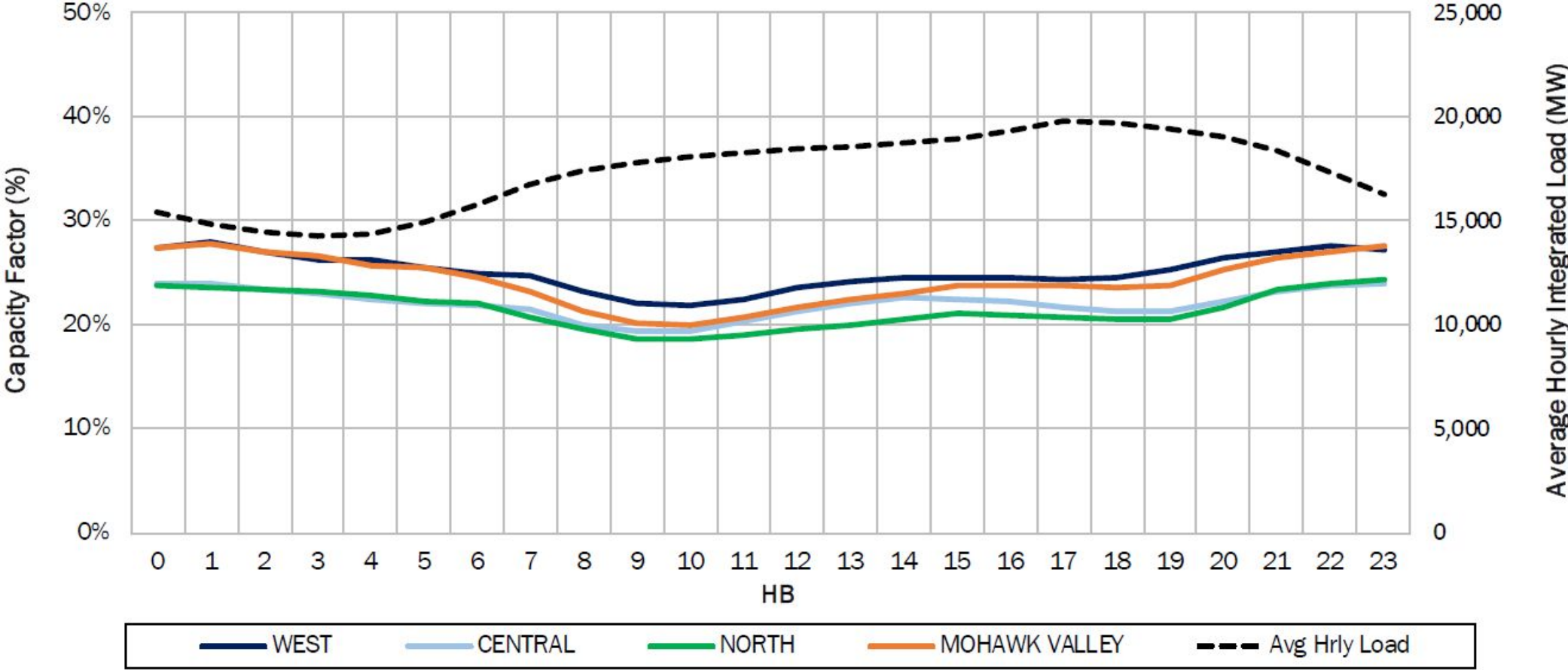
Annual Home Energy Costs

Energy Costs increase almost \$1,000 a year



Source: CJ Brown analysis from December 2021. Includes existing electric consumption. Assumes retail gas price of \$8.80 per Mcf.

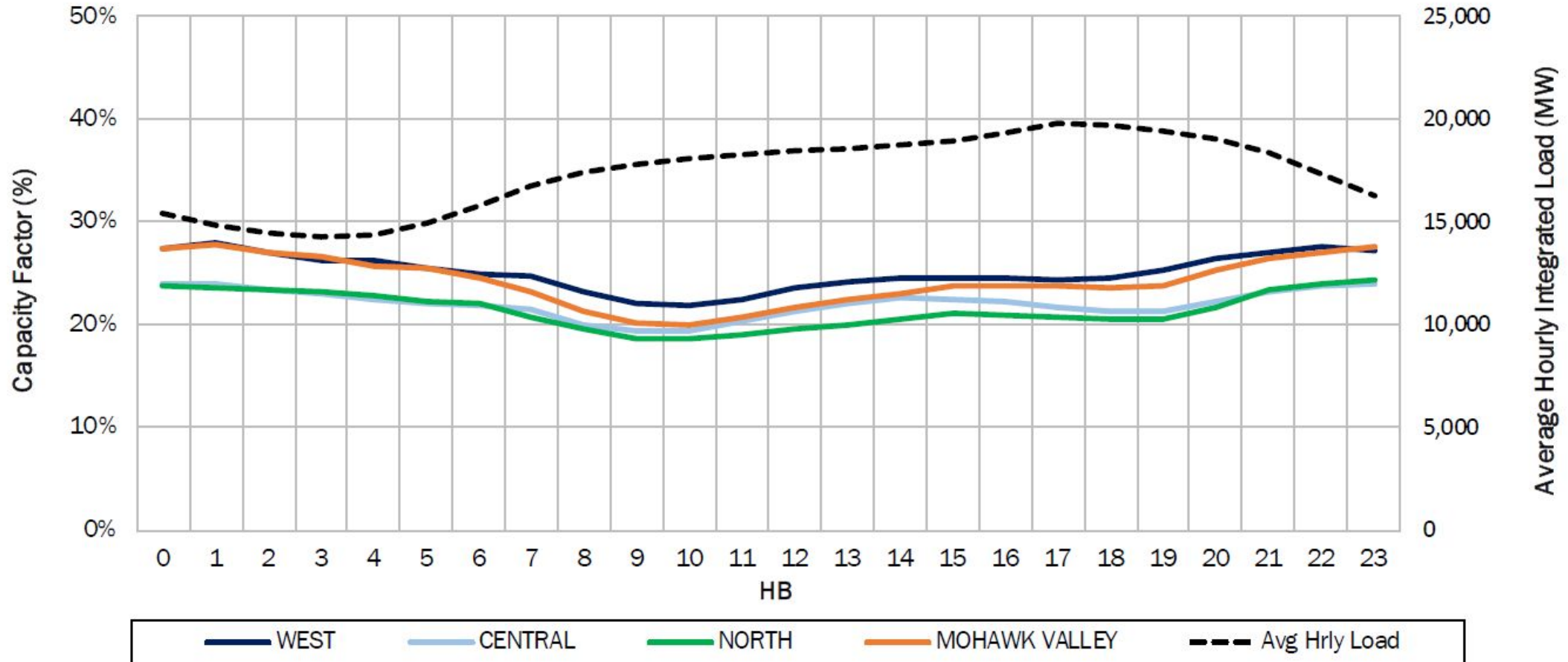
2021 Average Hourly Wind Capacity Factors by Zone



ORIGINAL

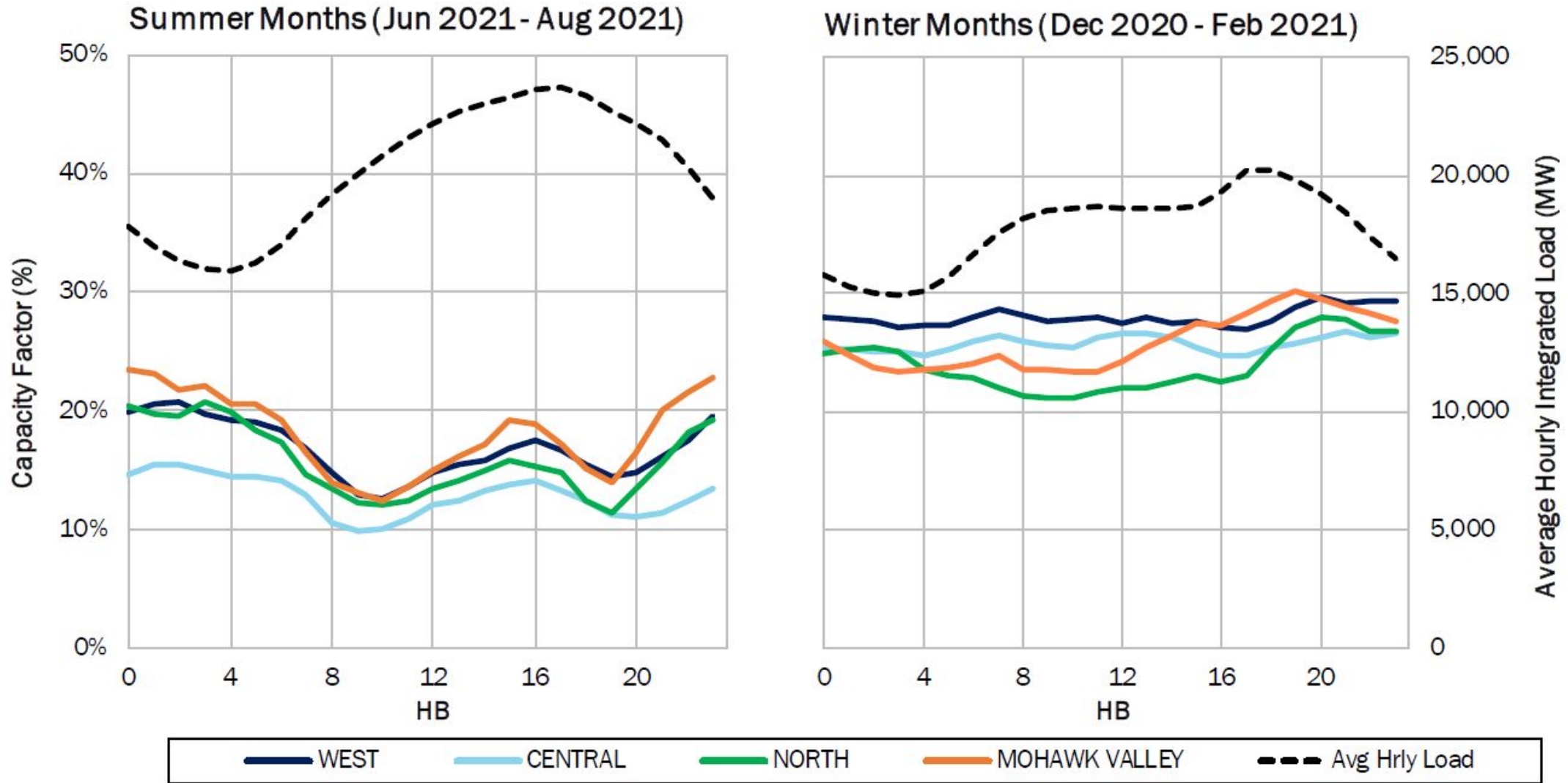
Nice try! Solar capacity factor during the day more than makes up for wind shortfall. The short early-evening peak is covered by a combination of demand response and battery storage.

2021 Average Hourly Wind Capacity Factors by Zone



CORRECTED

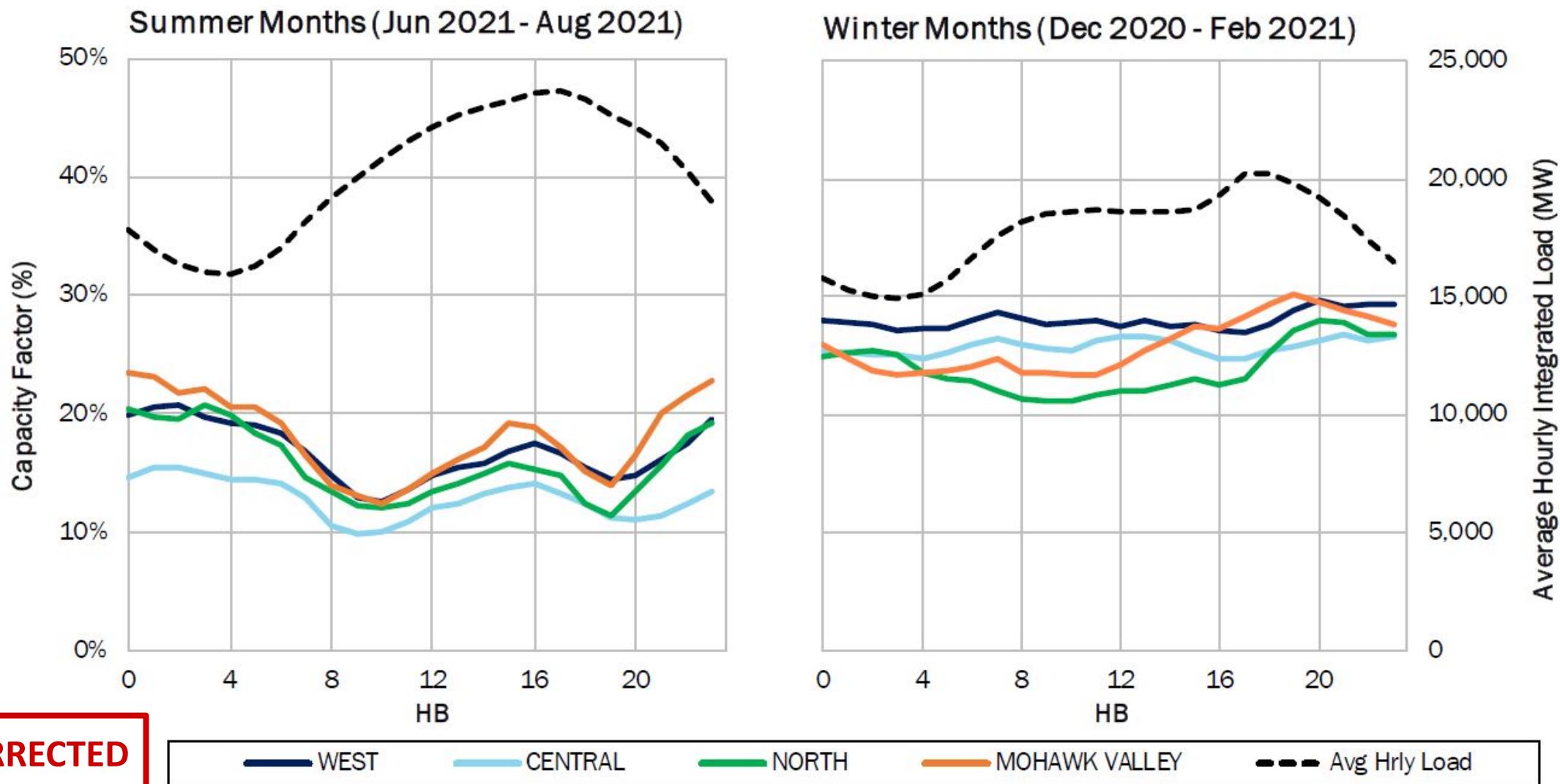
2021 Seasonal Average Hourly Wind Capacity Factors by Zone



ORIGINAL

Nice try again! Solar capacity factor during summers more than makes up for the wind shortfall.

2021 Seasonal Average Hourly Wind Capacity Factors by Zone

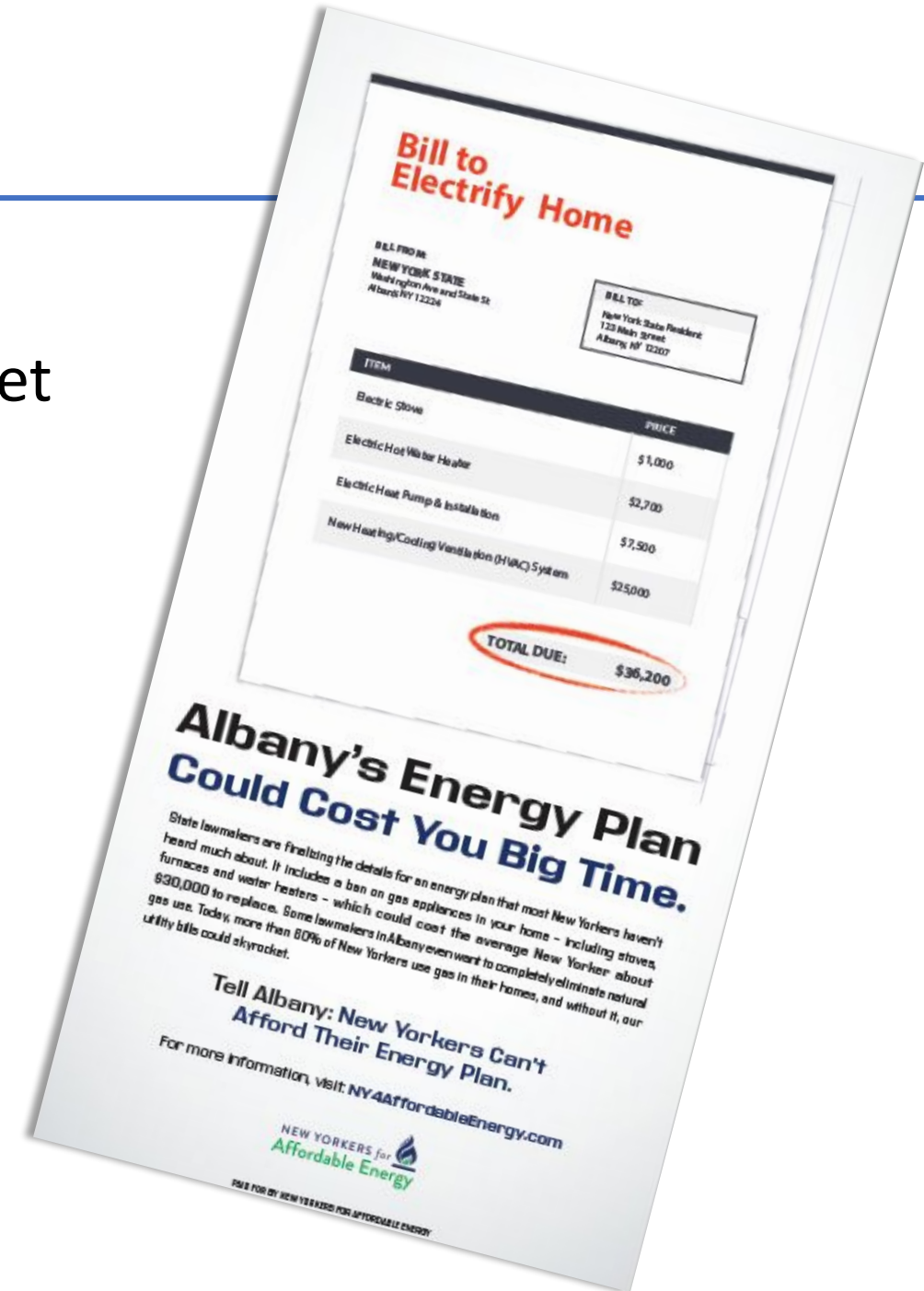


CORRECTED

Public Awareness Campaign

- TV, digital, print ads in every major NY market
- Robocalls in roughly 20 legislative districts
- “Action Now” letter generating site
- Press releases
- Media interviews
- OpEds
- Social media
- Grassroots outreach

NYAE will be doing another public awareness campaign for legislative session 2023



Public Awareness **Disinformation** Campaign

- Based on falsehoods and fear mongering.
- The conversion costs are wildly exaggerated for most homes (see Slide #11).
- The kicker: There is no energy plan to force existing homes to electrify by swapping functioning HVAC equipment.
- The scammers are using false ads and robocalls to whip up fear and to make constituents call their legislators to oppose all-electric mandates for **new construction** that will actually save money for existing gas customers.

Bill to Electrify Home

BILL FROM:
NEW YORK STATE
Washington Ave and State St
Albany NY 12224

BILL TO:
New York State Resident
123 Main Street
Albany, NY 12207

ITEM	PRICE
Electric Stove	\$1,000
Electric Hot Water Heater	\$2,700
Electric Heat Pump & Installation	\$7,500
New Heating/Cooling Ventilation (HVAC) System	\$25,000

TOTAL DUE: \$36,200

**Albany's Energy Plan
Could Cost You Big Time.**

State lawmakers are finalizing the details for an energy plan that most New Yorkers haven't heard much about. It includes a ban on gas appliances in your home - including stoves, furnaces and water heaters - which could cost the average New Yorker about \$30,000 to replace. Some lawmakers in Albany even want to completely eliminate natural gas use. Today, more than 80% of New Yorkers use gas in their homes, and without it, our utility bills could skyrocket.

**Tell Albany: New Yorkers Can't
Afford Their Energy Plan.**

For more information, visit: NY4AffordableEnergy.com

NEW YORKERS for
Affordable Energy

PAID FOR BY NEW YORKERS FOR AFFORDABLE ENERGY