

The Evolving Northeast Energy Mix



Senior Fellow for Energy & Environment Regional Plan Association

Our Region is committed to decarbonizing

The New York Times

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BIG CLIMATE PLAN SETS UP NEW YORK AS GLOBAL LEADER

ZERO EMISSIONS BY 2050

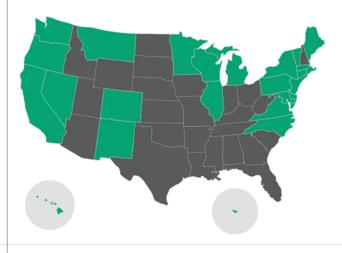
Business Groups Deride Carbon Goal as Costly and Impractical

Big Buildings Hurt the Climate. New York City Hopes to Change That.

To fight climate change, the city is forcing the buildings, like the Empire State Building and Trump Tower, to reduce greenhouse gas emissions.



UNITED STATES CLIMATE ALLIANCE



We know the major areas of growth



Refrigeration

Thermostat

What does that mean for investment and jobs?

157 Clean energy jobs in 2020 across New York State



Clean Energy Employment by Technology

(number of jobs, December 2020)



Energy Efficiency 121k



Renewable Electric Power Generation

23k



Clean and Alternative Transportation

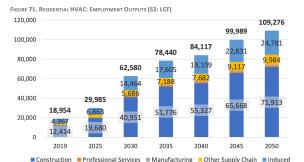
9k



Renewable Fuels



Grid Modernization and Energy Storage



7,000
6,000
5,000
4,814
4,000
3,566
3,174
4,000
2,500
1,616
1,271
1,248
1,000
914
821
1,000
914
821
1,000
914
821
1,248
924
262
340
987

■ Manufacturing ■ Other Supply Chain

FIGURE 58. HYDROGEN FUELS: EMPLOYMENT OUTPUTS (S2: LCF)

■ Professional Services

What does an equitable transition look like?



Meeting Local Law 97 through Energy Efficiency and Beneficial Electrification

