

2 Tips for Navigating the Economics of Nuclear Power



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NRC

COGNITIVE DISSONANCE IS YOUR FRIEND



Both of these things are true.

- **Some reactors are prohibitively expensive, while others are crazy cheap.**



V.C. Summer, S.C.

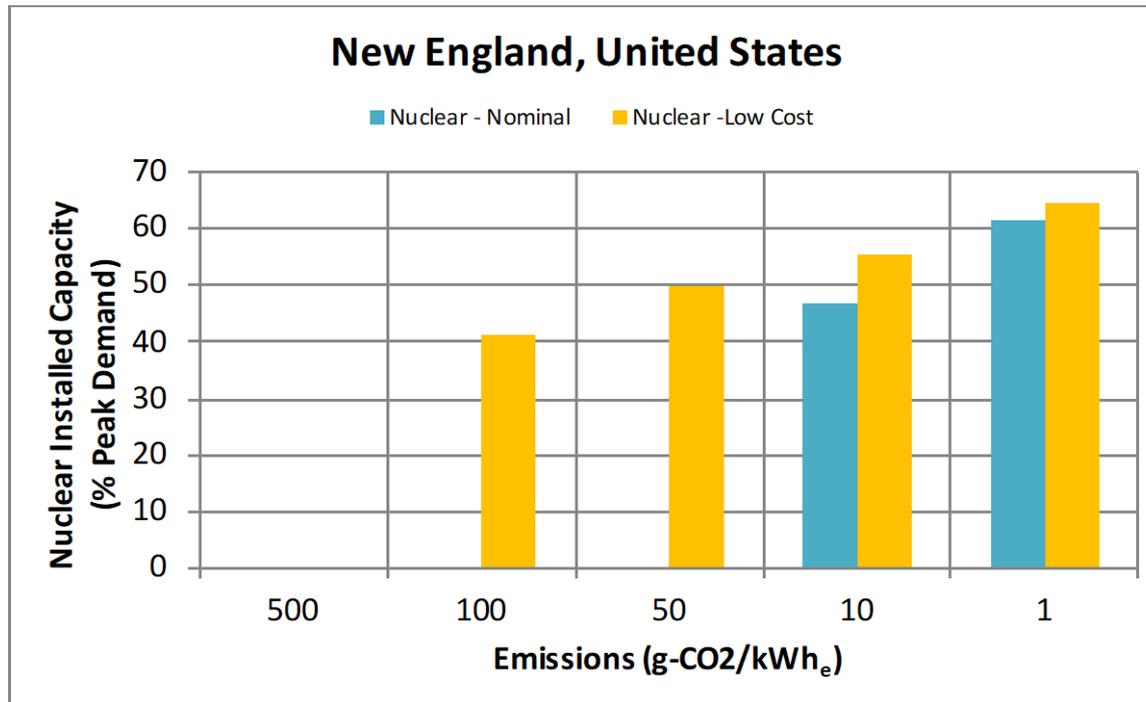


Millstone, CT



Both of these things are true.

- It makes no economic sense to build a reactor,
- ...but the cost of controlling emissions goes up if we don't build some.



And, the future is what we make it.

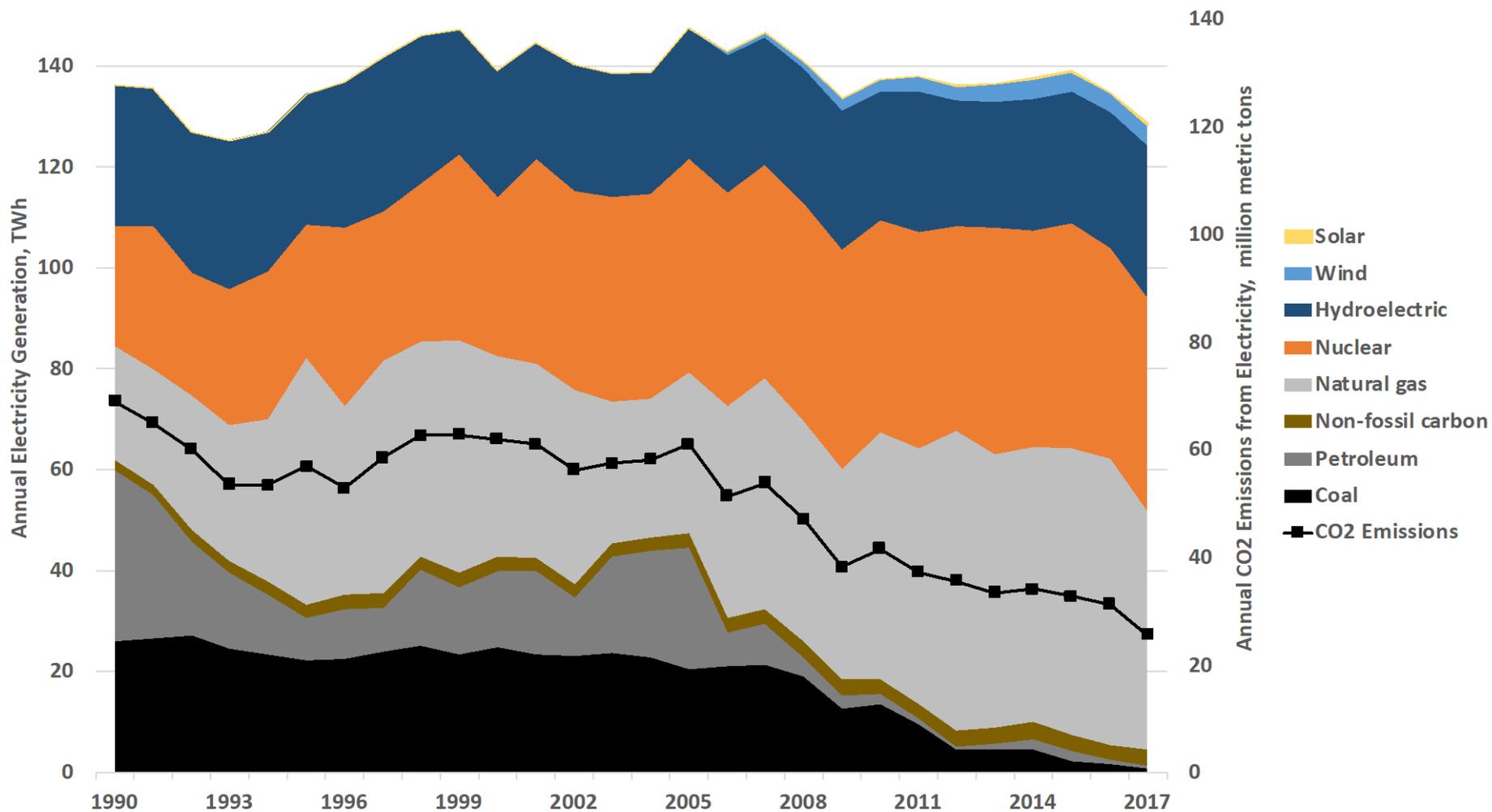
- **We have made mistakes in the design and execution of large LWR construction in the US and Europe.**
- **We can fix that.**
- **There are options for LWRs, and also in the new designs.**



WHICH CAME FIRST, BAD MARKETS OR BAD POLITICS?



Nuclear Investments in a Wholesale Power Market – New York



Nuclear's Revenue Problems

- **Stiff competition from natural gas generation.**
- **Support for renewables that excludes nuclear.**



Nuclear's Revenue Problems

- **Stiff competition from natural gas generation.**
- **Support for renewables that excludes nuclear.**
 - This is a political problem, not a market design problem.
 - Pricing carbon would make nuclear profitable in wholesale markets.



THE FUTURE IS COMING AT US FAST

