

Twitter Thread by [Amy Myers Jaffe](#)



[Amy Myers Jaffe](#)

[@AmyJaffeenergy](#)



hits topic on point with best summation to date of range of policy solutions to harden US electric grids 1/

2/ Wind turbines can be equipped to operate in icy conditions

3/ Thermal natural gas plants can be built to store oil on-site to fuel switch during emergencies

Capacity market with adequacy payments encourage storage Eg Grid regulators “design markets that pay extra to keep a larger fleet of backup power plants in reserve in case of emergencies”

Integrate EVs into residential solar systems with inverters that can automatically island away from grid (inverters need extreme weather related equipment)

Building “virtual power plants” where homeowners and/or businesses install batteries and paid a fee to make % available to system operator or utility

Fast track offshore wind (less volatile) in US Gulf of Mexico and New England to diversify from onshore sources

Allow distribution companies to install battery storage near to end users

All these solutions linked above have been used successfully in other electricity markets= better designs [@GovAbbott](#) [@JohnCornyn](#) [@WSJ](#) [@ERCOT](#) [ISO](#) [@TexasTribune](#) [@HoustonChron](#) kudos to [@bradplumer](#) for calling actual electricity experts [@JesseJenkins](#) [@MichaelEWebber](#) [@cohan_ds](#)

Read chapter 3 by Joan Ogden on cascading risks and then call [@busbyj2](#) and get Texas-located military bases to focus in on solutions. TX State regulators get it wrong it threatens US national security [@POTUS](#) <https://t.co/KMIMUXsHse>