



Studsvik

***NUCLEAR ENERGY &
RURAL AMERICA***

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Chief Commercial & Strategy Officer, Studsvik Scandpower



WHAT DO I HAVE TO SAY?

- How I Got Here
- Nuclear Energy & Environmental Stewardship
- The Current State of Nuclear Energy Already Serves Rural America
- Politics, Economy, & Money
- Future State of Nuclear Energy Is Nearer Than You Realize
- More Opportunities for Rural America

- Q&A AMA (“Ask Me Anything”)

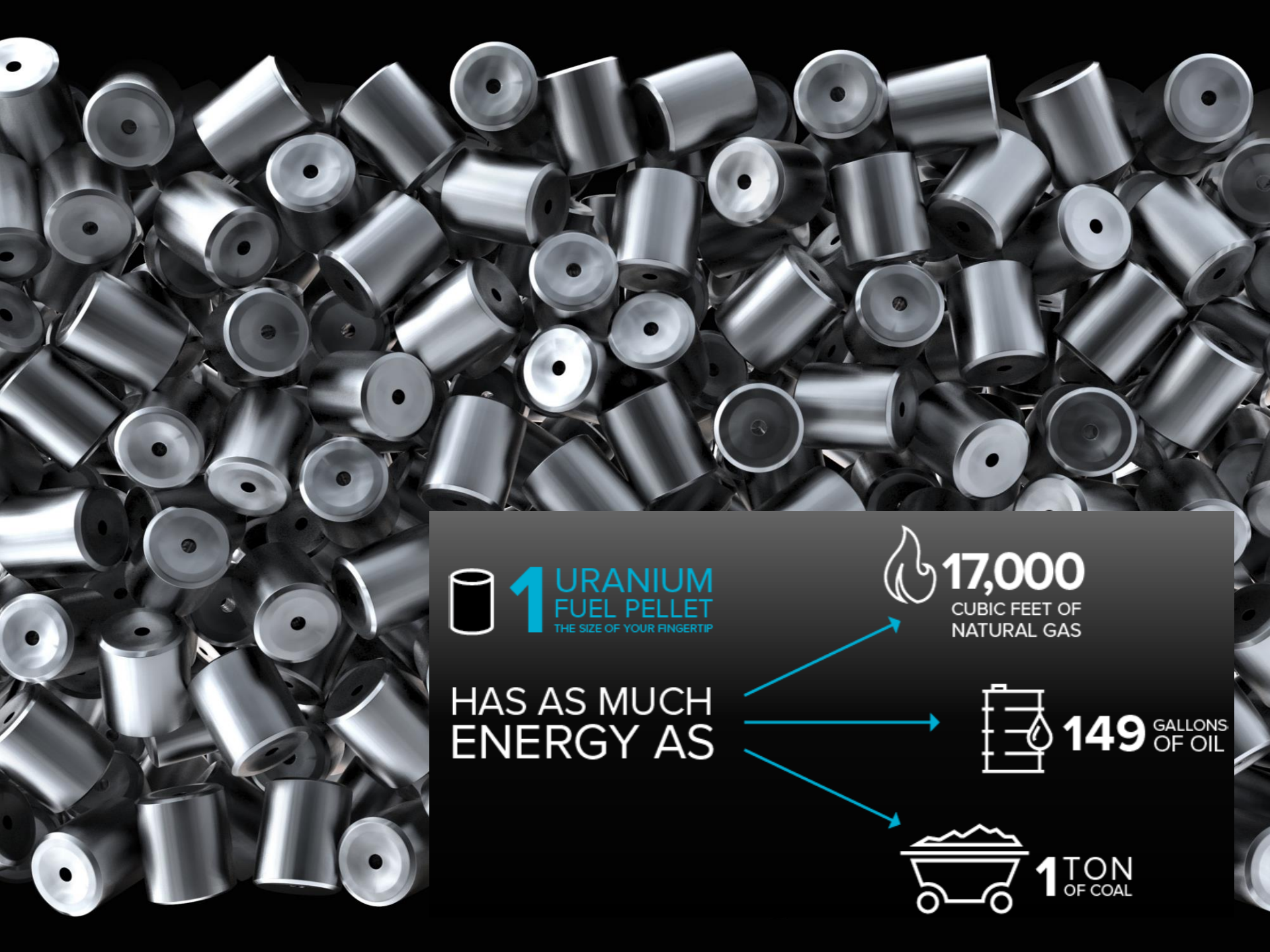


***THIS IS NOT AN ADVERTISEMENT FOR MY COMPANY.
I HAVE NOTHING TO SELL YOU.***



A photograph of a laboratory or medical room, viewed from a low angle looking up. The room is dimly lit, with a prominent, bright blue circular light fixture in the center of the ceiling. Several mechanical arms or tubes extend from the ceiling towards the center. The walls are dark, and there are some pieces of equipment or scaffolding visible in the background. The overall atmosphere is futuristic and clinical.

This is where I started



1 URANIUM
FUEL PELLET
THE SIZE OF YOUR FINGERTIP

HAS AS MUCH
ENERGY AS



17,000
CUBIC FEET OF
NATURAL GAS



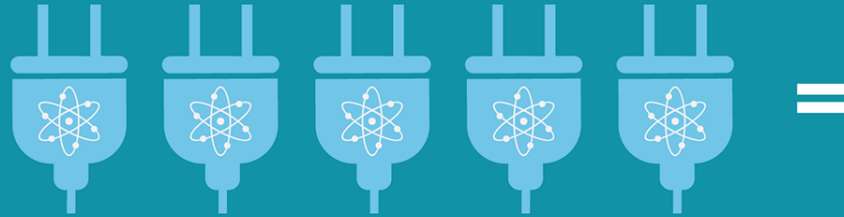
149 GALLONS
OF OIL



1 TON
OF COAL

REPLACING LOST NUCLEAR

5
nuclear
power plants



or

16

400 MW natural gas combined-cycle power plants (Emitting a total of 12 million metric tons of CO₂ per year)

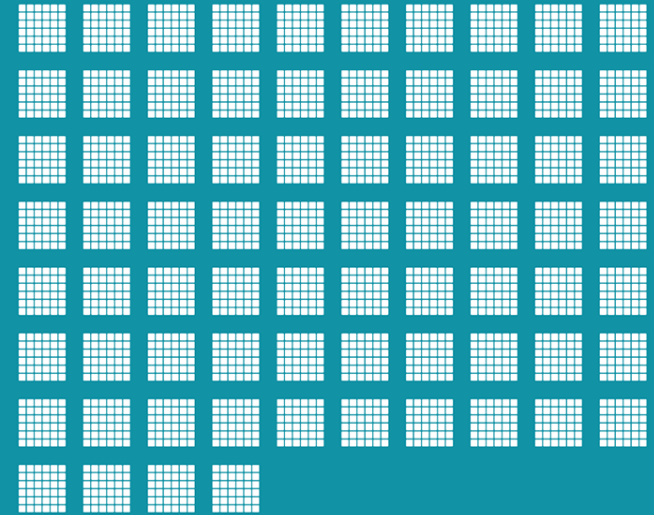


or

7,600

1.5 MW wind turbines

 = 250 wind turbines



3,700,000

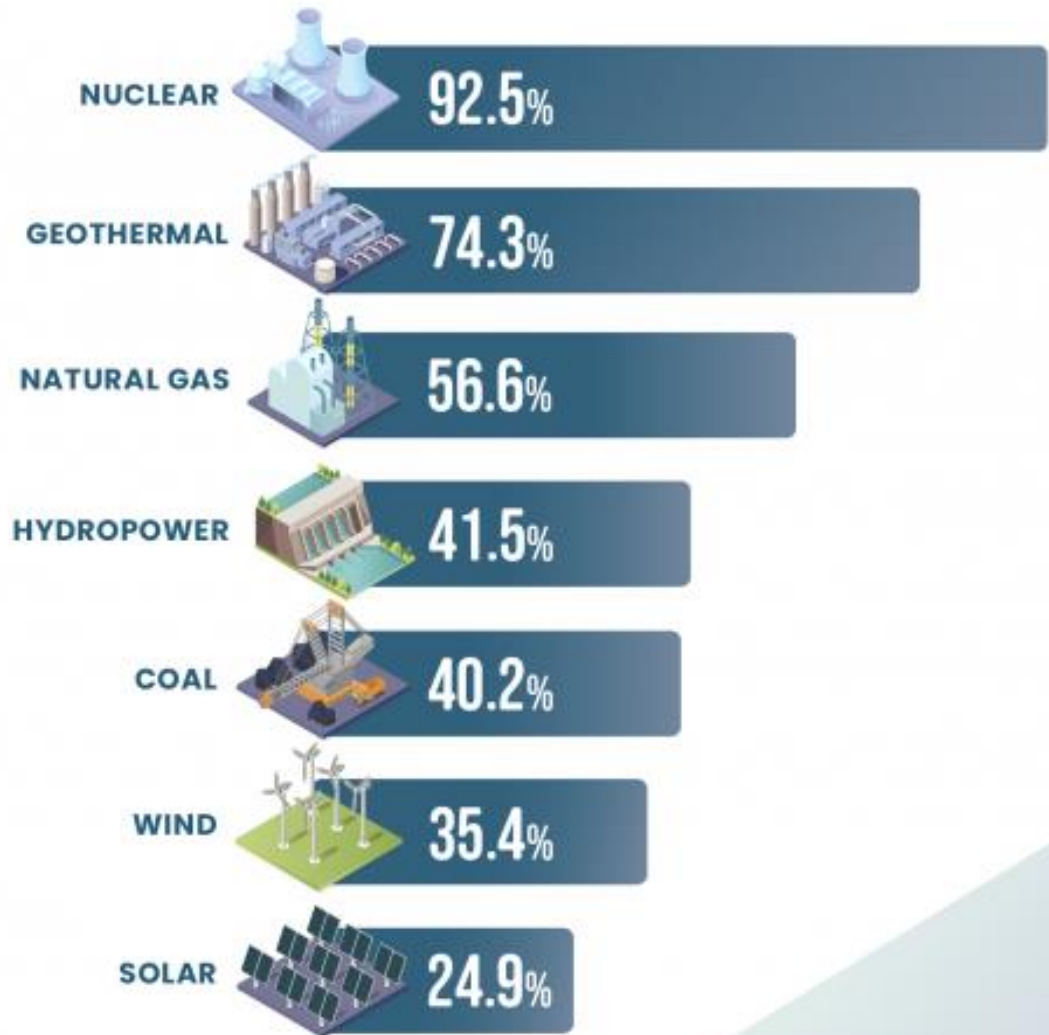
5 kW solar PV rooftops

 = 50,000 panels

NUCLEAR ENERGY IS THE MOST RELIABLE SOURCE, AND IT'S NOT EVEN CLOSE.

Capacity Factor by Energy Source in 2020

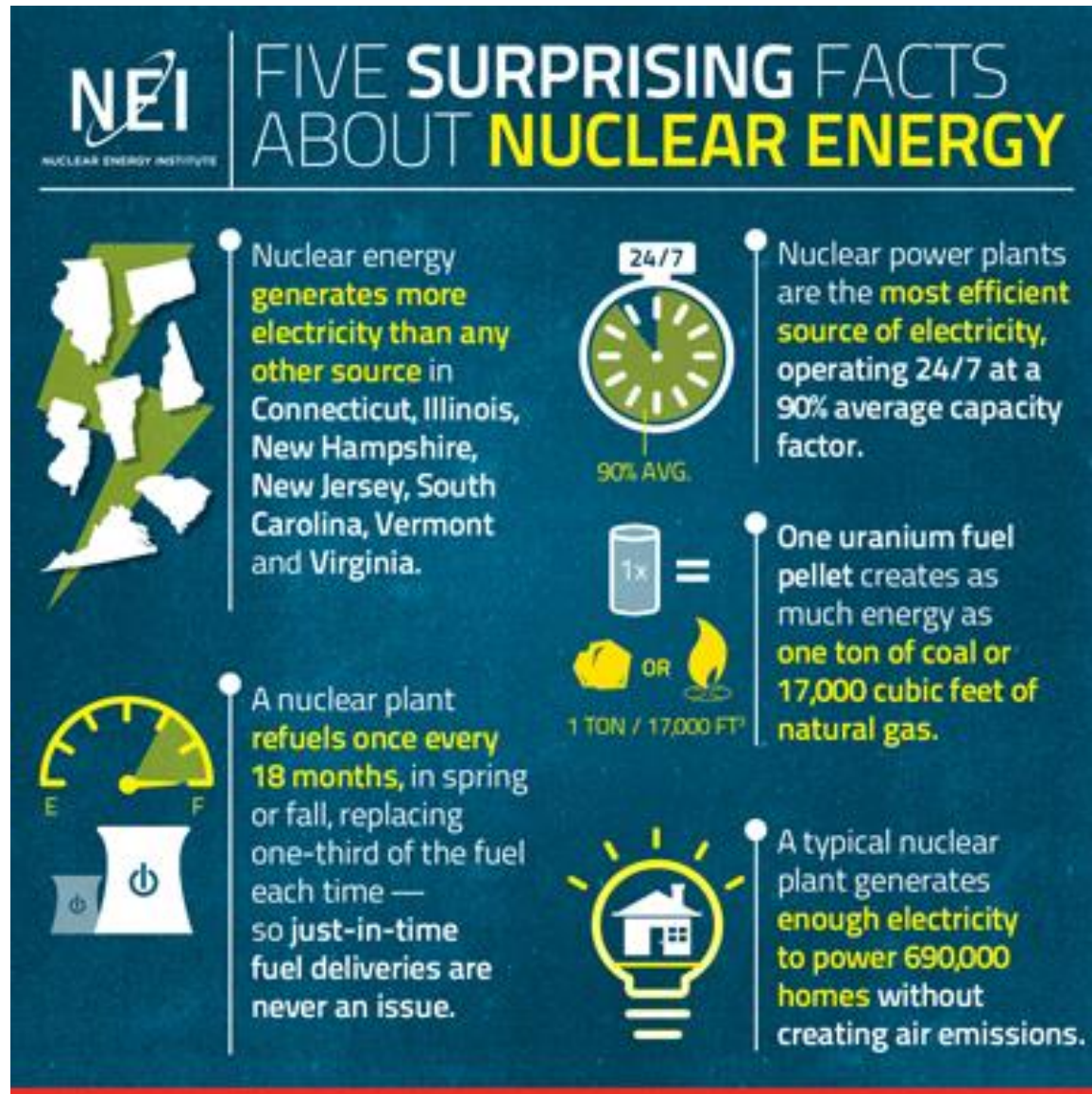
Source: U.S. Energy Information Administration



***I CAME TO NUCLEAR BECAUSE I FOUND IT TO BE THE
BEST USE OF EARTH'S PRECIOUS WEALTH, CONSISTENT
WITH THE OATH OF THE ORDER OF THE ENGINEER.***



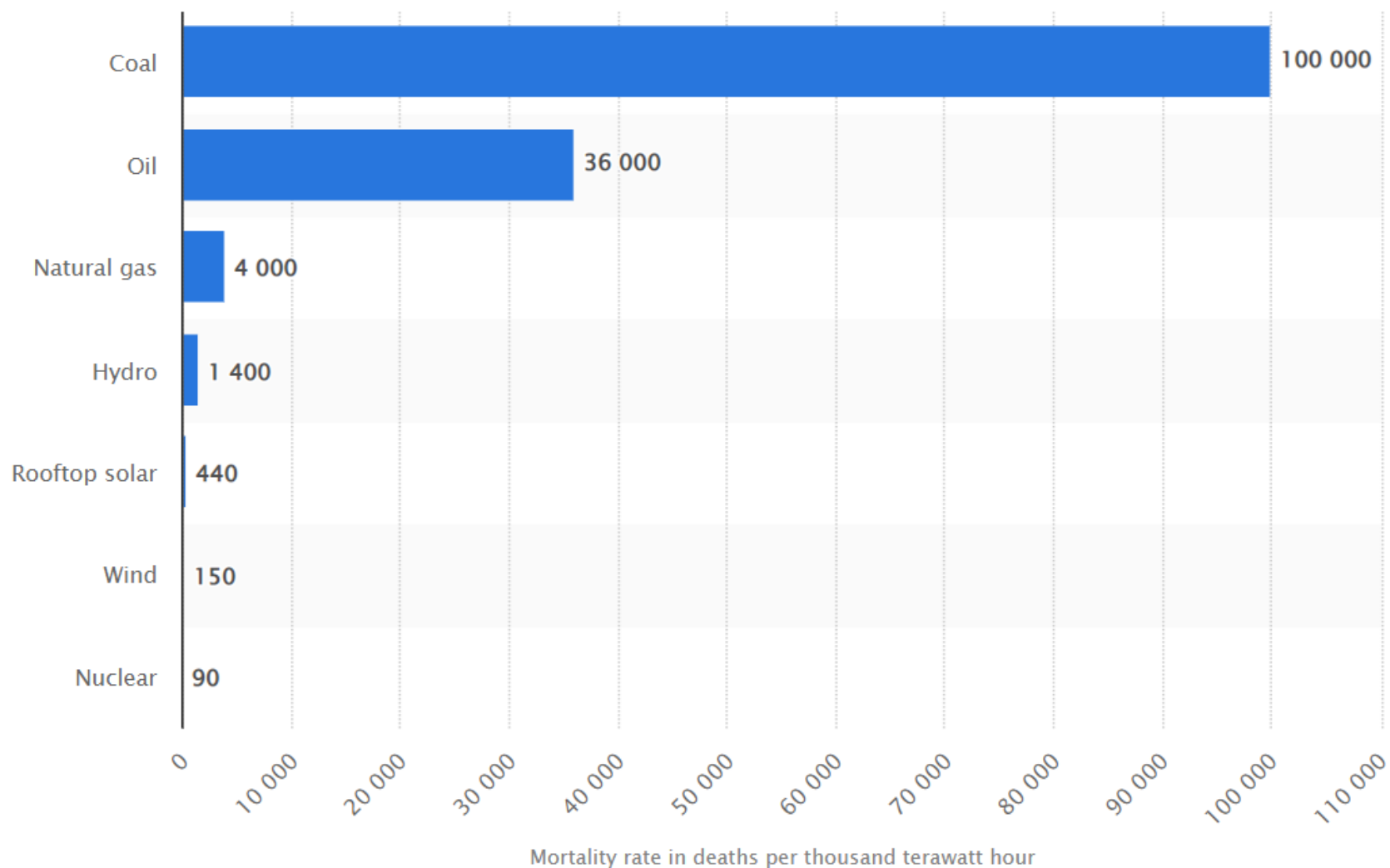
CURRENT STATE



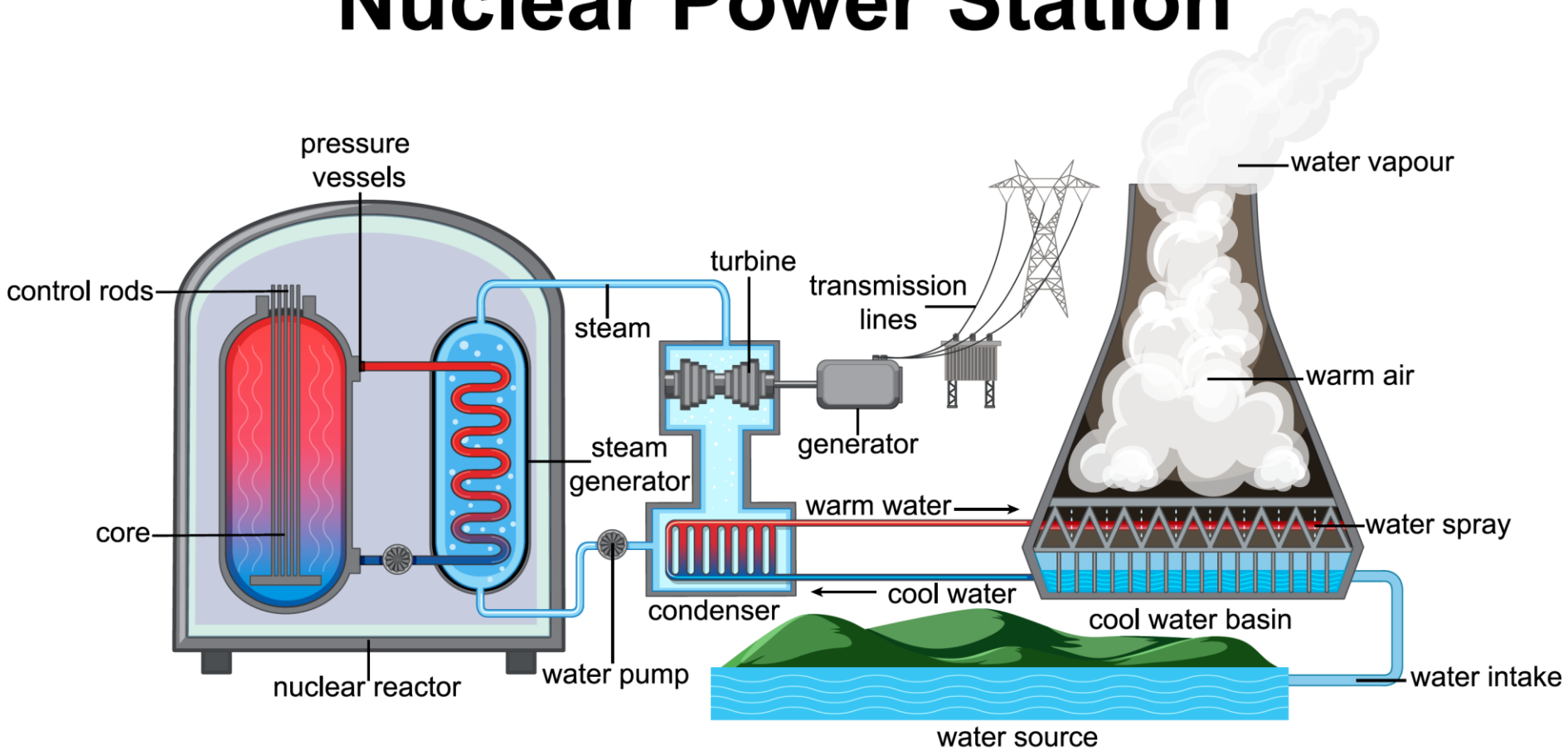


Mortality rate worldwide in 2012, by energy source

(in deaths per thousand terawatt hour)



Nuclear Power Station



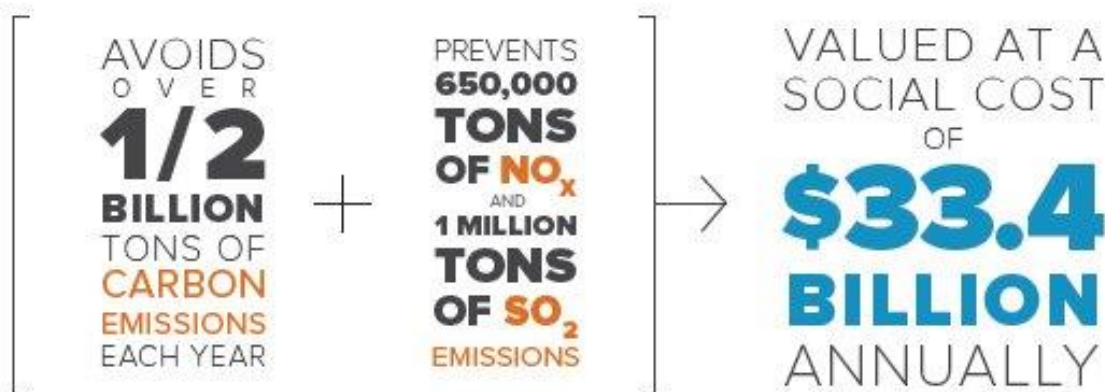


POLITICS, MONEY, AND WHY YOU HARDLY EVER SEE MY INDUSTRY REPRESENTATIVES IN YOUR TOWN

ECONOMIC BENEFITS



CARBON-FREE BENEFITS





Say No to Nuclear Bailouts

Bailing out the nuclear industry means higher energy rates for consumers like you. These billion dollar companies don't need bailouts, they need to compete with other energy companies on a level playing field.

➔ **GET INVOLVED!** ⬅

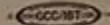
TWITTER:
@NoNukeBailout

**NO NUKE
BAILOUT**

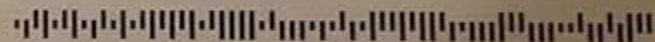
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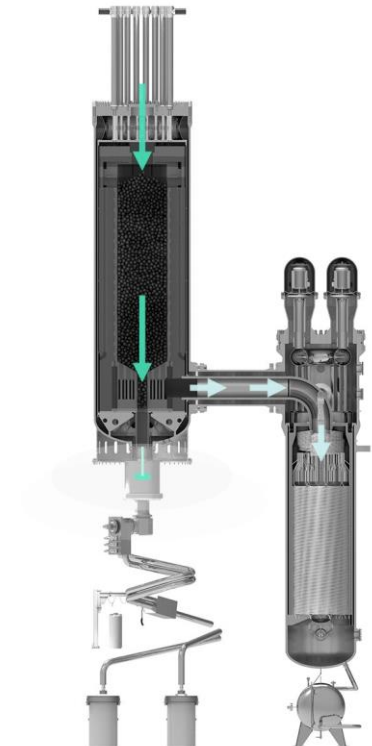
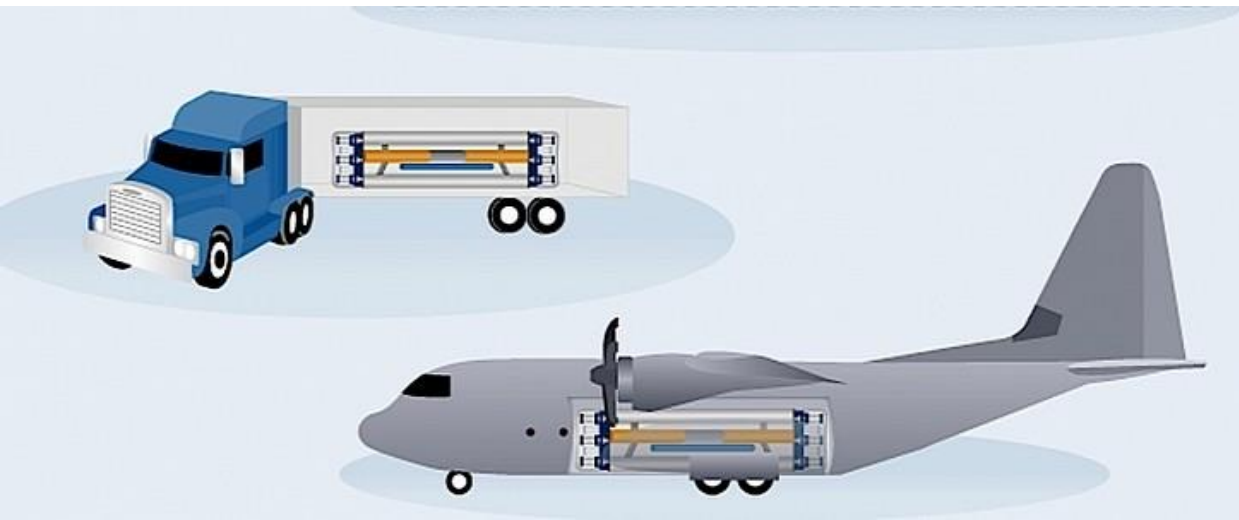
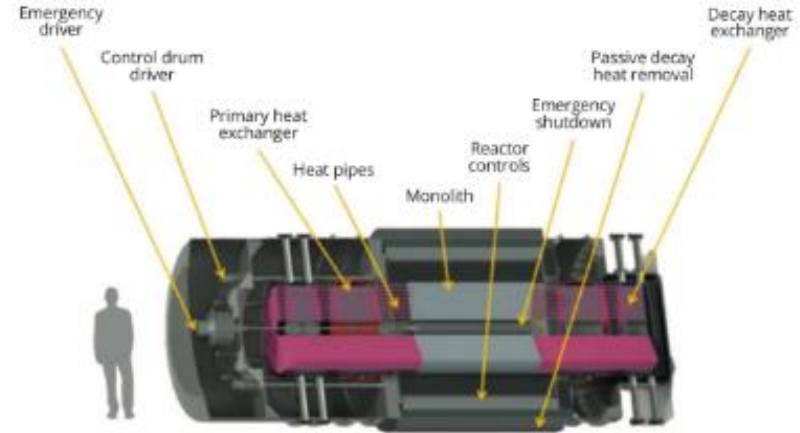
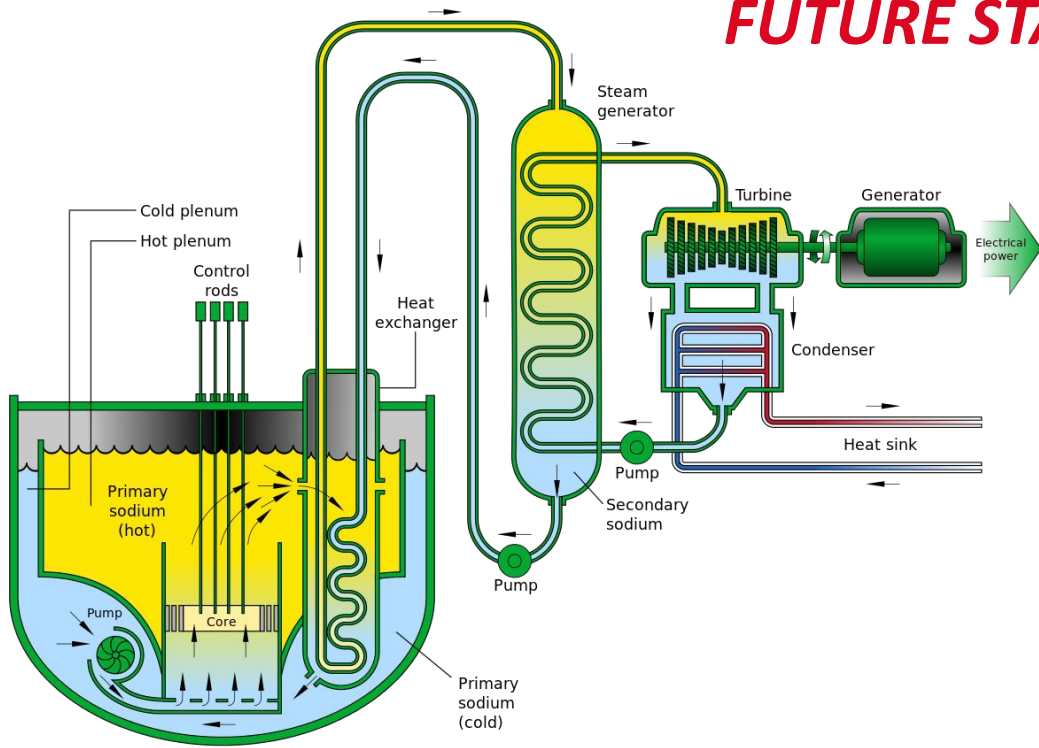


**TAKE ACTION TODAY &
CALL YOUR LEGISLATOR**

**Senator
Bob Mensch
at 717-787-3110**

Tell them competition and lower prices are good for Pennsylvania. A bailout for the billion dollar nuclear industry just won't work.

FUTURE STATE









NUCLEAR ENERGY CAN

- Anchor your economy
- Provide a clean rural environment with minimal land use
- Provide reliability and consistency for 80+ years

Thank you for listening.

Now, Ask me Anything

