

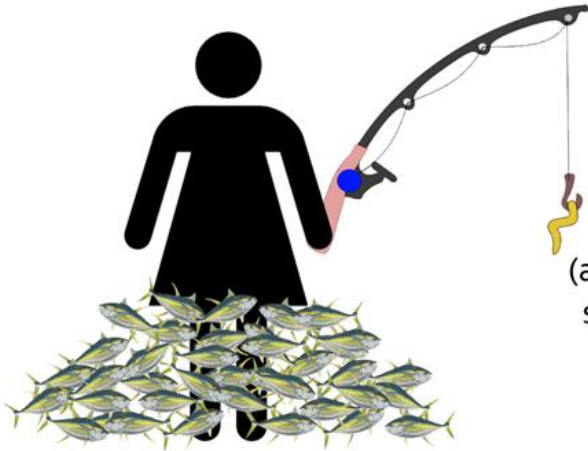
*Contrary to what you've heard . . .*



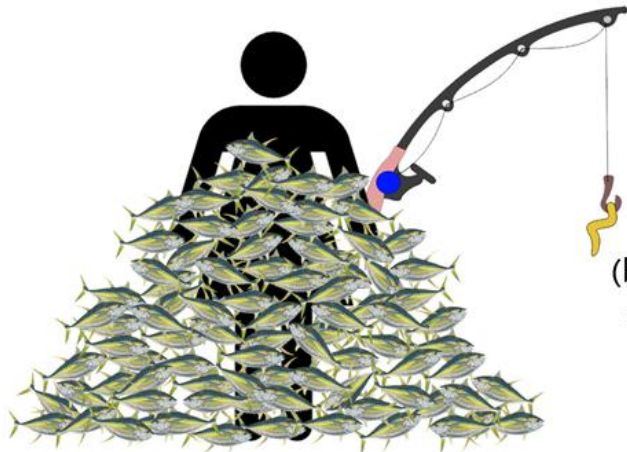
*The Kids Are Alright*

**The Truth About the EPA's Utility MACT**

# EPA's Utility Mact would cost \$10 billion a year in order to protect . . .

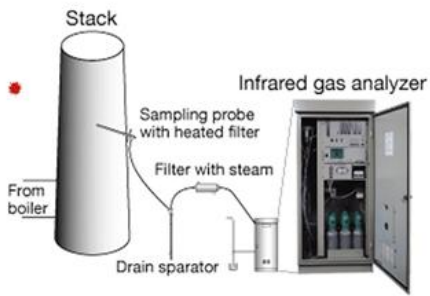


(a) pregnant fisherwomen who eat **105 lbs of fish** self- or family-caught from the top 99<sup>th</sup> percentile of polluted fresh water bodies



(b) pregnant fisherwomen who eat **225 lbs of fish** self- or family-caught from the top 90<sup>th</sup> percentile of polluted fresh water bodies

**EPA has never identified a single member of this supposed population; rather, they are modeled to exist.**

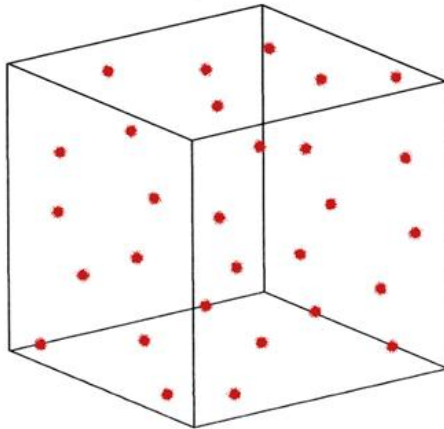


Continuous Emissions Monitoring Systems (CEMS):  
measures pollutant emissions to ensure compliance  
with EPA regulations.

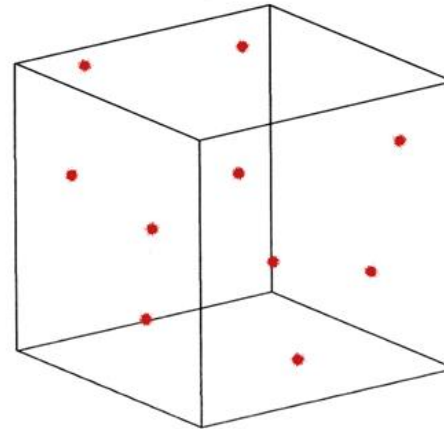


## Utility MACT's Mercury Limit Set Well Below Detectable Levels

CEMS detectable limit for mercury emissions:  
**.1  $\mu\text{g}$**  per cubic meter



Utility MACT's mercury emissions limit:  
**.034  $\mu\text{g}$**  per cubic meter

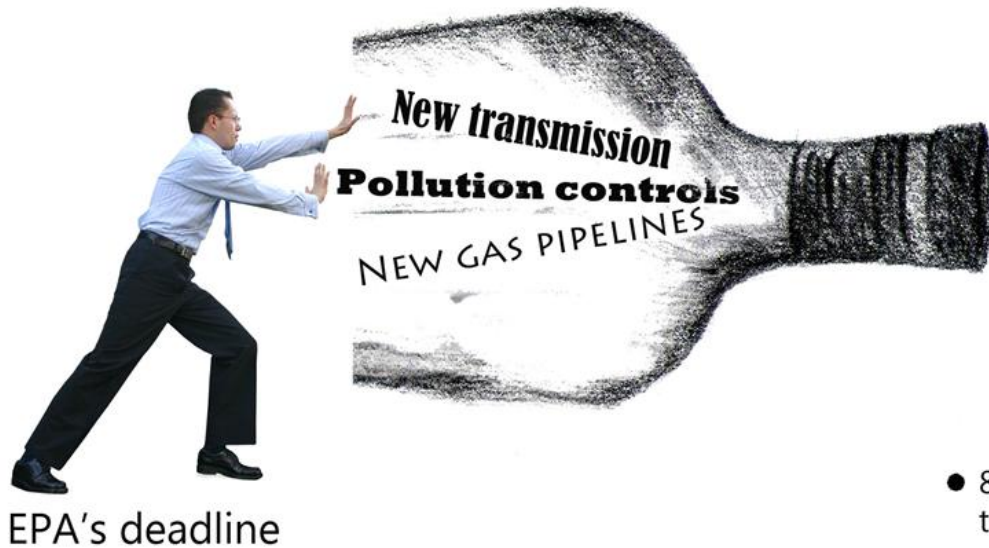
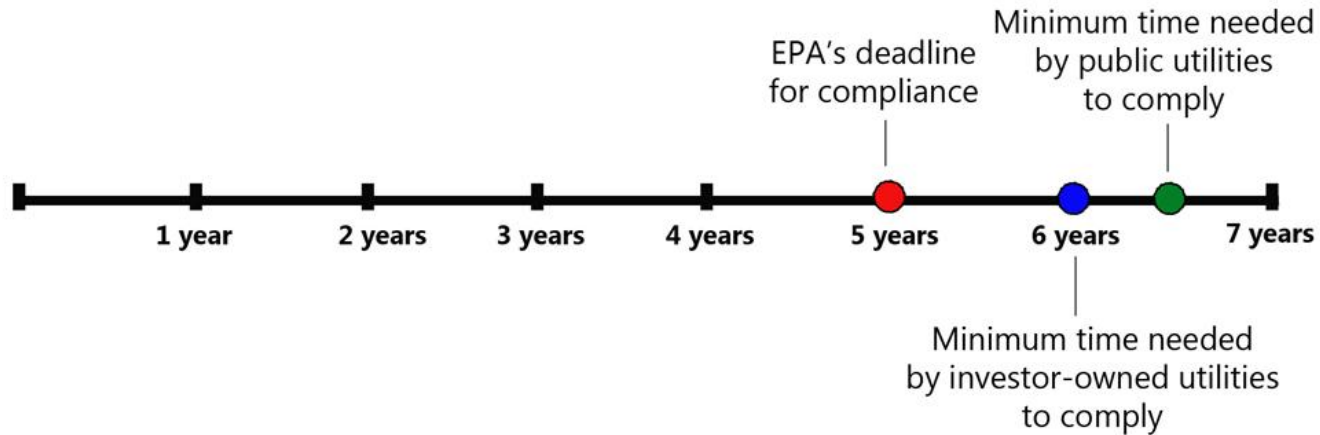


EPA's mercury emissions limit is **one third** of detectable levels.



**Utility MACT's impossible standard effectively bans the  
construction of new coal-fired power plants.**

# EPA's Impossible Utility MACT Deadline



## The power industry must overhaul itself within EPA's deadline.

- 250,000 megawatts need to be retrofitted with pollution controls.
- \$84 billion needs to be raised.
- 81,000 megawatts need to be replaced, requiring transmission upgrades and new gas infrastructure.

**NERC: "Between 2012 and 2018 the nation's power grid will be stressed in ways never before experienced."**

# EPA cannot be trusted to keep the lights on.



**EPA's projected generation loss:  
10,000 mw**

*Equivalent to an energy blackout through Nevada*



**Actual loss to date:  
26,000 mw**

*Equivalent to an energy blackout through Nevada, Utah, and Wyoming*



**Projected total generation loss:  
81,000 mw**

*Equivalent to an energy blackout through Nevada, Utah, Wyoming, Arizona, New Mexico, Colorado, and Idaho*



*Based on Net Summer Capacity of states: Nevada (11,421), Arizona (26,392), Idaho (3,990), Wyoming (7,986), Colorado (13,777), New Mexico (8,130), Utah (7,497)*

**EPA has grossly underestimated generation losses caused by its war on coal.**



**Due to EPA regulations, NERC projects that capacity margins could fall below key reliability thresholds in eight service territories by 2018.**

