

LWVCNM Monthly Meeting Evening December 14, 2023 Chat

- 01:07:32 Karen Douglas: Jeanne - the increased Nuclear Cost are based on 1 datum - the Vogtle plant which was poorly managed and had unusual circumstances
- 01:15:43 Cheryl Haaker, LWVCNM: See also the Union of Concerned Scientists' report on proposed "Advanced" nuclear reactor designs.
- 01:23:02 Bob Williams: What progress has been made on small reactors?
- 01:23:44 Jim Eagle: George: Does your planning assume 2 lifetime extensions of current nuclear plants?
- 01:24:01 Edwina: I missed how many reactors currently in US; please repeat. I believe George said current capacity is 100 gw for ## of reactors.
- 01:25:57 Dave Rice (he/him/his): Will we have more smaller reactors to achieve the energy production needed?
- 01:26:18 Cheryl Haaker, LWVCNM: The US has been deferring the nuclear waste issue for 80 some years. Now, according to Task 2, it's "critical." What's the solution now, and after the big nuclear expansion takes place?
- 01:26:29 Bob Williams: Is there an estimate of the size of US or global U reserves?
- 01:30:29 Kathy Brook: The US has about 1% of the world's uranium. Major reserves are in Australia, Kazakhstan, Canada, Namibia and Russia.
- 01:31:11 Jim Eagle: Karen: Can you elaborate on the consent-based process?
- 01:37:26 Linda Miller LWVCNM: I'd be interested in the answer to Cheryl's question. It does not seem to have been acknowledged yet.
- 01:39:33 Judy Kistler-Robinson NM: Reacted to "I'd be interested in..." with 👍
- 01:39:38 Cheryl Haaker, LWVCNM: I dispute the large land requirement argument.
- 01:40:44 Linda Miller LWVCNM: Reacted to "I dispute the large ..." with 👍
- 01:41:31 Cheryl Haaker, LWVCNM: Bill McKibbon has an extensive article in Mother Jones discussing how rooftop solar on the big box stores, and on covered parking -- NO new land requirements -- could lagely meet residential (etc) needs.
- 01:42:33 Linda Miller LWVCNM: Replying to "Bill McKibbon has an..."
- This might be it. Good article.
- 01:42:38 Linda Miller LWVCNM: Replying to "Bill McKibbon has an..."

<https://link.edgepilot.com/s/bcb21641/Va0btsFQ8E623TPNABKUxg?u=https://www.motherjones.com/environment/2023/04/yimby-nimby-progressives-clean-energy-infrastructure-housing-development-wind-solar-bill-mckibben/>

01:43:11 Cheryl Haaker, LWVCNM: Replying to "Bill McKibbon has an..."

Thanks!

01:44:38 Bob Williams: Are improvements being made to the power grid to accommodate scattered power sources?

01:46:47 Edwina: This question is not necessarily related but is important as the US decides on the mix of technologies & even downtimes of the grid: has there been discussion about inter-connecting the grid across states so if there are limited nuclear reactors those in existence could be used across the grid?

01:47:55 Edwina: looks like Bob & I had almost the same question!

01:51:25 Edwina: would u put that link in the chat?

01:51:40 Cheryl Haaker, LWVCNM: Thank you to all the presenters!

01:52:09 Barbora Cowles: Thank you.