While mix of renewables is admirable, it should not be your primary focus. We need reliable electricity.

Thank you for trying to lead towards a more environmentally friendly electricity supply. The modeling results show that we can aim for at least 90% coincidence if not 95% coincidence level. I appreciate the presentation updates timeline provided in slide 3, the key terms laid out in slide 4, and Just ensuring it meshes with overall CA plans.

Anything else you would like to share?

Behind-the-meter PV/storage assumptions used in calculations

Nope, thanks for the info!

This whole exercise is a sinecure for utterly useless expensive environmental consultants.  What is the global temperature reduction from this expensive conversion to 100% renewables?  Make

Andy Robin N/A Good analysis. I hope it fits with full CA plan.

Anonymous N/A

Anonymous N/A

Gabriel Goffman DSA SF

Submitter Name

16. Which renewable energy sources qualify as "eligible" by the state? I would also like to understand to help the public and even myself understand the content of this plan. I know we share the values of more geothermal or wind power, developing effective demand management programs, improving usage for winter heating.

The "95% Time Coincident" conforming portfolio highlights the challenges of meeting CleanPowerSF's electrification while moderating the flaws of the 95% Time Coincident portfolio. However, because of budget against that of the need to get as renewable as possible as quickly as possible. I would also love and grid mismanagement? I understand there are CPUC limits to how much any energy provider can

Francisco's electric vehicle and building decarbonization goals (922 MW of new capacity compared to $480 million. The SFPUC capital budget for FY 2021-22 alone is $698.0 million, which indicates to me will use more and more resources?

Yep! 90%! It's not too cost-prohibitive (95% is a steep jump), and yet gets us closer than required to

Man-made CO2 molecules are not the control knob for the Earth's temperature. CO2 is a tiny trace gas. Envision this: If you are in a room with a 9 ft ceiling and all the gasses were stacked, the pre-industrial CO2 layer would be as

- Man-made CO2 molecules are not the control knob for the Earth's temperature.
- CO2 is a tiny trace gas. Envision this: If you are in a room with a 9 ft ceiling and all the gasses were stacked, the pre-industrial CO2 layer would be as thin as a single sheet of paper. However, even this thin layer contributes to the greenhouse effect and the

The process kind of snuck up on me this year, unfortunately (despite many many email reminders), and one of my main avenues for learning (a presentation at the CAC's Power Subcommittee)

combine to make the Venus CO2 warming effect 4.1 million times greater than the Earth's CO2. The extreme CO2 density, high pressure, and strong sunlight conditions

exothermic chemical reaction. must contribute +1.0C x 7,700 or +7,700C degrees of heat.  The surface of the Sun, 93 million miles away, is 5,700C degrees.  It defies common sense, and

- Wouldn't encouraging local residents and businesses to increase efficiency and install PV/storage in SF reduce the burden on CleanPowerSF? How is