

Kristin Edmark

Please omit from the SSEIS and leave out all reference to displacement of other fuels by methanol produced at the methanol refinery. There is no evidence that any facility would be displaced.

Please omit from the SSEIS and leave out all reference to 40% of the methanol use as fuel. While interesting at this point in time, fuel use is dynamic.

These economic models are too speculative and so uncertain that the margin of error is too great to be considered. The time period is too long when experience shows not only the rapid change in economic conditions in the world. World leaders recognize that we need to accelerate change in fuel consumption.

These economic models are too uncertain because:

1) We cannot predict China's energy needs or uses. Conflicting messages have been made public. At the United Nations, 9/20/20, President Xi Jinping pledged that China's carbon emission will decline beginning in 2030 and that China will be carbon neutral before 2060. Source:

[https://gcaptain.com/china-pledges-to-be-carbon-neutral-by-2060/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed:Gcaptain\(gCaptain.com\)&goal=0_f50174ef03-c7996e9511-169978253&mc_cid=c7996e9511&mc_eid=033cdd1d41](https://gcaptain.com/china-pledges-to-be-carbon-neutral-by-2060/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed:Gcaptain(gCaptain.com)&goal=0_f50174ef03-c7996e9511-169978253&mc_cid=c7996e9511&mc_eid=033cdd1d41) and <https://www.nytimes.com/2020/09/23/world/asia/china-climate-change.html>) This would signal rapid decrease in the need for fossil fuels. China signed the Paris Climate agreement and is a world leader in carbon free energy technology, wind, solar, electric buses and cars. The Chinese have the strictest emissions standards for automobiles in the world. Yet on the other hand, there is much evidence that China is increasing control of world fossil fuel sources as evidenced by the Belt and Road initiative, new pipelines, the purchase of energy rights around the world like Canada and Australia while, at the same time, preserving its own fossil fuel reserves. Furthermore, it would be imprudent and naive to trust official statements by the Chinese government.

2) Countries and jurisdictions are moving off fossil fuels. There is too much uncertainty to predict over 40 years China's demand for fossil fuels. Would methanol displace wind energy if cheaper? Currently, China imports fossil fuels because it is cheaper than exploiting their own reserves and helps them dominate world energy supply.

Many countries have goals to decrease or eliminate fossil fuels use. It is likely the US will have such goals soon. Many states like Washington have fossil fuel reduction and elimination goals. As do many cities in Washington like Bellingham. Twenty cities in California, and ten cities on the east coast are developing policies to require new construction to be all electric. Energy use and technology is quickly changing; the economic models included in the SSEIS become misleading and useless as energy use quickly changes.

3) Countries and jurisdictions are moving away from plastics. Many countries, states and cities (including Washington, by 2022) have banned various forms of plastic.

4) The present situation does not predict the future. It cannot be said with any certainty that if we don't build this methanol plant, then China will build something that produces more CO₂, for the same product. Demand and supply are far too uncertain.

5) The relations between China and US are not certain. Recently, we have seen conflicts regarding patents. Recently, the US has pulled out of important international agreements causing countries to distrust the US and leaving a void for Chinese leadership. As China supplants the US in some areas, there could be more conflict over 40 years. Chinese own rights to some Canadian drilling fields. NWIW is controlled indirectly by the Chinese government. Adding the methanol refinery to Chinese control seems unwise. The US should be monitoring contracts and agreements. We may not want Chinese controlled vessels coming up the Columbia.

6) Climate change is predicted to cause stress and possible collapse of governments and societies around the planet as well as significant numbers of climate refugees. With the refinery, climate change will progress more rapidly increasing government instability and creating a situation where conflict between the US and China is more likely. Increasing climate change makes the economic models used in the SSEIS less likely.

The economic models included in the SSEIS should be removed because the SSEIS is largely a scientific study. Baseless assumptions are needed for both of the economic model of methanol replacing dirtier production methods and the model that a certain percentage of the methanol will be used as fuel. These assumptions are far too speculative in our quickly changing world over such a long period of time. Please leave out of the SSEIS every reference to methanol displacing other fuels and every reference dealing with a certain amount of methanol being used as fuel in China.

Thank you.

PS. The methanol refinery affects me personally. My daughter in law's family lost a beloved home last month to Oregon fire.

Pandemics increase with global warming, etc