

Heather Flores

From: Bryan Quigley [REDACTED]
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To: PlanningCommissioners
Subject: Comment for 22-029PL / CAAP/EIR

-EXTERNAL-

Focus: Appendix G the Oil and Gas Technical Memo and a new mission for the Energy Resources Department as mentioned by LB 350.

First two facts:

- \$1 billion liability for the abandonment of 1400+ oil wells. We can decrease the uncertainty of that number the more wells we abandon.
- The City of Long Beach operates one of the largest municipally owned methane gas utilities in the U.S.

These are both financial and climate liabilities. And using waste methane will not get us to the same production as fossil fuels, electrifying is a far better choice.

The Long-term Recommendations of the appendix – Transition from Oil and Gas Activity - Phase-out local oil and gas extraction is not included in the CAAP.

Phasing out extraction needs to be in the CAAP with a timeline, minimum goals, and a vision for the future of the Energy Resources Department and employees.

The renewed Energy Resources Department should focus on providing fully renewable energy and storage.

- The report mentioned "converting idle wells into energy storage devices" - permanently shifting some wells to this removes them from the liability
- Another option - is to look at geothermal repurposing for abandoned wells. The DOE is looking into this and funded some analysis in January. \$8 million.
- Building our own wind, solar, tidal, wave power. I've seen combination proposals using wind and wave power together at breakwaters.

We should start now - with a minimum number of wells to repurpose or abandon each year - say 7% of the field. That is in line with our expected loss of production every year ~6%, but in turn gives us the experience today of abandoning/repurposing wells and reduces our financial and climate liabilities of the future. Choosing which wells to abandon can be done based on the least productive wells, best able to repurpose, and community impacts to make it more viable to do so.

To summarize, we need short-term actions to:

- start the process to move the Energy Resources Department to a fully renewable mission
- to start repurpose or abandoning a minimum number of wells every year.

Thank you,
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