



PC Committee

From: emillia Noordhoek <molokaiemillia@gmail.com>
Sent: Wednesday, July 19, 2017 10:51 PM
To: PC Committee
Subject: RE: molokai plan testimony
Attachments: PC-02 Testimony - Emillia Noordhoek (edited).docx

I am submitting testimony for the County of Maui, Molokai Plan proposed changes.
Mahalo,
Emillia Noordhoek

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"if your Nerve, deny you-, " as Emily Dickinson wrote, "Go above your Nerve."

RECEIVED AT PC MEETING ON 7/20/2017

Maui County Council Planning Committee
Committee Chair Kelly King
Thursday, July 20, 2017
9:00 a.m.

July 18, 2017

SUBJECT: COMMENTS ON AGENDA ITEM PC-02

Aloha Committee Chair King and committee members,

I am a resident of Molokai and have extensive experience in working toward implementing better energy solutions on Molokai. We are in a climate crisis and must do our part in reducing our island's carbon footprint. For this reason, I am submitting the following revision to our Molokai Community Plan (Proposed bill with Molokai Community Plan 05-26-2017 1258pm) for your consideration:

On page 92, line 9, insert "Molokai has among the highest electric rates in the state and in the U.S., and the lowest electrical per capita usage in the state." *Insert citation: Blue Planet Foundation's Hawai'i Energy Report Card, 2013.*

In forging our path forward, its important to point out the reason for why we need more affordable, cleaner energy, citing the high cost of electricity rates and that we are totally reliant on fossil fuels for our electricity. Highlighting the fact that we have such low usage makes it easier for everyone to understand that this pathway is very doable.

On page 92, line 11, Insert, "Upon surveying 281 Molokai residents, 60 percent felt that more effort was needed to decrease Molokai's dependency on fossil fuels through renewable energy production." Insert citation: Sust'āina-ble Molokai Energy Assessment, 2014. Our community wants more effort being invested into clean, renewable energy.

On page 92, line 15, insert after line 15, "Research supports transportation using personal vehicles as the most viable option based on the island's development pattern and readily available technology. Insert citation: Sust'āina-ble Molokai Energy Assessment, 2014.

On page 92, line 15, after that sentence above, insert "Switching to electric vehicles would allow residents to save money on the high gas prices and reduce their transportation carbon footprint, which emits 73.9 percent of air emissions." Insert citation: Material Flow Analysis for the Island of Maui, Yale School of Forestry & Environmental Studies Industrial Ecology, 2012.

On page 92, line 22-25, delete lines 22-25, "In 2013, Princeton Energy Group announced plans to build a 20-megawatt solar photovoltaic project on an 80-acre parcel owned by Moloka'i Ranch. The project would be built out in three phases: the goal of phase 1 is to meet 30 percent

of the demand. The project could eventually meet 80 to 90 percent of Moloka'i's electrical energy needs." There have been changes made to this plan.

On page 93, line 11, insert new issue, "Issue 3: Transportation is the cause for 73.9 percent of Molokai's total air emissions."

On page 93, line 16, revise goal to say "Molokai is energy independent and carbon neutral in meeting its energy needs through development of local, clean, renewable energy sources and implementation of energy efficiency and conservation measures while respecting Molokai's natural and culture resources."

On page 93, line 20, replace "alternative" to "clean, renewable" energy sources.

The County Office of Economic Development recommended the deletion of Actions 8.6.01 and 8.6.05 on page 94 because the installation of electric Vehicle charging stations is not economically viable. Sust'āina-ble Molokai has been and continues to work with the State of Hawai'i Energy Office, County of Maui Energy Commissioner, and the Molokai community to install charging stations for over eight years for electric vehicles.

The County should encourage this type of action, not only will it help us achieve the ambitious State goals of 100% renewable energy by 2045, but there is an incredible opportunity for economic development for an eco-tourism economy, which the Molokai community has already embraced. We cannot have electric vehicle rental cars if we do not have charging stations for them. Given that several countries and the State of Hawai'i have, and are considering legislation by 2040 (France the Guardian fossil fuels cars by 2040/ Hawaii BPF website), and various mainstream auto makers (Volvo), will make only EVs by cars by 2019, it seems shortsighted and harmful to the long term goals of a vibrant economic future for Molokai *not* to include EV charging stations.

On page 94, Action 8.6.02, insert "Work with MECO to" create a smart grid.

On page 94, Action 8.6.05, insert "Sust'āina-ble Molokai" or "Community Organizations" to the Partners column.

Mahalo for your commitment to ensuring our community plan is an accurate reflection of our community's wishes.

Sincerely,
Emillia Noordhoek
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