

Letter
I6

From: Richard Fennelly
To: CAP
Subject: Re: Our Energy Efficiency Suggestion for San Diego
Date: Thursday, August 17, 2017 6:05:48 AM

Thanks.

In addition, please consider bringing the information to anyone in your group tasked with developing new energy initiatives. We think the potential from a visible coil cleaning program might be substantial. Our focus is on commercial/institutional owners owning a large number of "coolers": sports venues; hospital complexes; concession areas at large airports; foodservice and pharmacy chains, universities, including their physical sciences schools; pharmaceutical manufacturers, etc.

Our "beta" estimate for yearly unneeded CO2 emissions for a single commercial cooler unit: 2.76 metric tons. For a residential fridge: about 0.9 metric ton. In the San Diego area, we estimate there might be 300,000 non-residential coolers and about 720,000 residential fridge and/or freezer units. The total unneeded CO2 yearly emissions from clogged refrigeration coils could approach 1,476,000 (??).

On Wed, Aug 16, 2017 at 7:39 PM, CAP <CAP@sdcounty.ca.gov> wrote:

Thank you Mr. Fennelly, we will address your comments in Response to Comments on the Draft Supplemental Environmental Impact Report and related documents.

Sincerely,

The County's Climate Action Plan Team

From: Richard Fennelly [mailto:richard@coilpod.com]
Sent: Wednesday, August 16, 2017 4:30 PM
To: CAP
Subject: RE: Our Energy Efficiency Suggestion for San Diego

Please feel free to integrate at your end taking liberty for any editing. I'm available to see any draft you want construct --- I may have edits with more information.

Thanks very much for your interest!

Regards

Richard

On Aug 16, 2017 7:16 PM, "CAP" <CAP@sdcounty.ca.gov> wrote:

Mr. Fennelly,

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Response to Comment Letter I6

Richard Fennelly
August 17, 2017

I6-1 The comment and the enclosed attachments provide information on the benefits of regularly cleaning refrigerator coils. This comment does not address the adequacy of the Draft SEIR. However, the comment will be included in the Final EIR and made available to the decision makers prior to a final decision on the project.

Thank you for your feedback. Please let us know if you would like this comment to be included in the final Supplemental Environmental Impact Report and Response to Comments, or if you plan to submit written comments with additional information as you note below.

Sincerely,

The County's Climate Action Plan Team

From: Richard Fennelly [mailto:richard@coilpod.com]
Sent: Tuesday, August 15, 2017 3:57 AM
To: CAP
Subject: Our Energy Efficiency Suggestion for San Diego

Very few owners of refrigeration or freezer units bother to keep the condenser coils in their plug-in appliances clean --- a refrigeration expert stated "Eighty percent of the owners never clean the coils; the remaining 20% do it too infrequently". Attached is some information on the significant electric energy savings possible (hundreds of dollars per unit for commercial coolers, for example).

We have much more information to share if you want to explore this topic as a new energy savings initiative.

Regards



Richard Fennelly

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cont.