

DOCKETED

Docket Number:	09-AFC-07C
Project Title:	Palen Solar Power Project - Compliance
TN #:	200190
Document Title:	Applicant's Traffic Consultant's Response re Traffic Questions from CEC and CalTrans
Description:	N/A
Filer:	Tiffani Winter
Organization:	Fehr and Peers
Submitter Role:	Applicant's Consultant
Submission Date:	8/14/2013 10:37:25 AM
Docketed Date:	8/14/2013

Winter, Tiffani@Energy

From: Energy - Docket Optical System
Sent: Tuesday, August 13, 2013 2:34 PM
To: Winter, Tiffani@Energy
Subject: FW: A public document has been published to Docket Number 09-AFC-07C
Attachments: image002.jpg; ATT00001.htm; image003.png; ATT00002.htm; PEMS Data.zip; ATT00003.htm; PeMS Count Locations.png; ATT00004.htm

Suzy Gutierrez

Docket Unit
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Sacramento, CA 95814
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From: Koch, Andrea@Energy
Sent: Tuesday, August 13, 2013 2:31 PM
To: Energy - Docket Optical System
Subject: FW: A public document has been published to Docket Number 09-AFC-07C

Hello.

Could you please docket the e-mail below for the Palen project?

Thanks!

Andrea Koch-Eckhardt
Environmental Planner II, Traffic and Land Use
CA Energy Commission
(916) 654-3850

From: Andrea Grenier [<mailto:Andrea@agrenier.com>]
Sent: Thursday, August 08, 2013 3:26 PM
To: Stora, Christine@Energy; Koch, Andrea@Energy
Subject: Fwd: A public document has been published to Docket Number 09-AFC-07C

Here is the info.

Begin forwarded message:

From: Rafael Cobian <r.cobian@fehrandpeers.com>
Date: August 8, 2013, 1:46:39 PM PDT
To: "Andrea@agrenier.com" <Andrea@agrenier.com>, Scott Blek <Sblek@gb-llp.com>
Cc: "Scott Galati" <SGalati@gb-llp.com>, Chris Gray <C.Gray@fehrandpeers.com>
Subject: RE: A public document has been published to Docket Number 09-AFC-07C

Hi Andrea and Scott,

The 2013 data was taken from the Caltrans PeMS (Performance Measurement System) database, which collects data from over 25,000 sensors across the state of California in real-time. The website is <http://pems.dot.ca.gov/>. Attached is a map from the PeMS database showing the three locations which we collected data for, and they are listed below, with postmile:

- I-10 West of Corn Springs Rd (PM 111.8, ABS PM 196.9)
- I-10 at Corn Springs Rd (PM 114.4, ABS PM 199.5)
- I-10 east of Corn Springs Rd (PM 116.8, ABS PM 201.9)

As you can see, we have a count at the Corn Springs Road interchange, a count 4.4 miles to the west, and a count 2.4 miles to the east, which represent conditions west and east of the interchange, respectively. I have also attached the actual data outputs from the PeMS database for each of the locations, which comes to a total of 6 reports, one for each location by direction. As you can see, each location and direction has its own set of sensors.

The data for each sensor was queried for a 3 month period (March 13 , 2013 to June 12, 2013) for typical weekdays only (Tuesday, Wednesday, and Thursday). Additionally, only data with a % observed greater than 75% was used to calculate an average volume per hour for each location. Ultimately, an average volume was calculated by hour for each location and was used in determining the peak hour volume.

Please feel free to give me a call if you would like to discuss or have any questions,