



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

FORD N. FUCHIGAMI
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IN REPLY REFER TO:
DIR 0677
STP 8.2163

June 29, 2017

Ms. Kathy K. Sokugawa
Acting Director
City and County of Honolulu
Department of Planning and Permitting
650 South King Street, 7th Floor
Honolulu, Hawaii 96813

Dear Ms. Sokugawa:

Subject: Kawailoa Solar
Petition to Amend Special Use Permit (2014/SUP-06)
North Shore, Oahu, Hawaii
TMK: (1) 6-1-005:001 (por.) and 6-1-001 (por.)

2017 JUL 10 AM 8:41
CITY & COUNTY OF HONOLULU
DEPT OF PERMITTING
AND INFRASTRUCTURE

Department of Transportation (DOT) commented earlier in HWY- PS 2.4938 dated 6/20/17.
We now offer the following supplemental comments:

Airports Division (DOT-A)

1. Photovoltaic (PV) systems, located in or near the approach path of the aircraft into any airport, can create a hazardous condition for a pilot due to possible glint and glare reflected from the PV array. The following website may assist you with preparation of a glint and glare analysis: www.sandia.gov/glare.
2. If glint or glare from the PV array creates a hazardous condition for pilots, the owner of the photovoltaic system must be prepared to immediately mitigate the hazard, upon notification by DOT-A or the Federal Aviation Administration (FAA). The FAA has advised us that there can be no glint or glare from the PV array into the Air Traffic Control Tower cab at the Airport.
3. Additionally, operating PV installations have been known to emit radio frequency noise that may create radio frequency interference (RFI) to aviation-dedicated radio signals, disrupting the reliability of air-to-ground communications. An owner must ensure that an operating PV installation will not create any RFI so as to not interfere with any aviation communication frequency.

LAND USE COMMISSION
STATE OF HAWAII
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If there are any questions, please contact Mr. Norren Kato of the DOT Statewide Transportation Planning Office at telephone number (808) 831-7976.

Sincerely,

A handwritten signature in black ink, appearing to read 'F. N. Fuchigami', with a horizontal line extending from the end of the signature.

FORD N. FUCHIGAMI
Director of Transportation