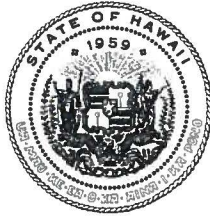


DAVID Y. IGE
GOVERNOR OF
HAWAII



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FEB 3 2017
FEB 23 2017

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

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DEPUTY DIRECTOR - WATER

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CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

FEB 02 2017

Mr. Scott Glenn, Director
Office of Environmental Quality Control
Department of Health, State of Hawai'i
235 S. Beretania Street, Room 702
Honolulu, Hawai'i 96813

Dear Mr. Glenn:

With this letter the Department of Land and Natural Resources (DLNR) hereby transmits the Supplemental Environmental Impact Statement Preparation Notice (EISPN) for an Amendment to the 2011 Kaheawa Wind Power II (KWP II) Habitat Conservation Plan and associated Incidental Take License issued to KWP II, LLC. The subject facility is located in the Wailuku District on the island of Maui. A completed OEQC Publication Form and EISPN is enclosed (with a copy of the same sent via electronic mail to oeqc@doh.hawaii.gov). The EISPN contains a description of the proposed amendment and a brief consideration of the potential environmental impacts, and avoidance, minimization, and mitigation of those impacts.

We request that you publish notification in the next available periodic bulletin (*The Environmental Notice*) for the public to submit comments to the DLNR during a thirty-day public comment period.

If there are any questions, please contact Glenn Metzler, Habitat Conservation Planning Associate at (808) 587-4149 or glenn.m.metzler@hawaii.gov.

Sincerely,

SUZANNE D. CASE
Chairperson

Encl: (1) Completed OEQC Publication form
(2) EISPN

cc: Kaheawa Wind Power II, LLC

RECEIVED
17 FEB -8 P 3:29
OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

17-342

APPLICANT PUBLICATION FORM

Project Name:	Kaheawa Wind Power II Habitat Conservation Plan (HCP) Amendment
Project Short Name:	KWP II HCP Amendment
HRS §343-5 Trigger(s):	(2) Propose any use within any land classified as conservation district by the state land use commission under chapter 205
Island(s):	Maui
Judicial District(s):	Lahaina
TMK(s):	4-8-001:001, 3-6-001:014
Permit(s)/Approval(s):	Incidental Take License
Approving Agency:	Department of Land and Natural Resources
Contact Name, Email, Telephone, Address	Glenn Metzler, Habitat Conservation Planning Associate Glenn.M.Metzler@hawaii.gov ; (808) 587-4149 Division of Forestry and Wildlife 1151 Punchbowl Street, Room 325 Honolulu, HI 96813
Applicant:	Kaheawa Wind Power II, LLC
Contact Name, Email, Telephone, Address	Mitchell Craig, mcraig@sunedison.com , 808 633-3723, P.O. Box 567, Wailuku, HI 96793
Consultant:	SWCA Environmental Consultants
Contact Name, Email, Telephone, Address	Amanda Childs, achilds@swca.com , 503 224-0333 x6256, 1220 SW Morrison, Suite 700, Portland, OR 97205

Status (select one) DEA-AFNSI**Submittal Requirements**

Submit 1) the approving agency notice of determination/transmittal letter on agency letterhead, 2) this completed OEQC publication form as a Word file, 3) a hard copy of the DEA, and 4) a searchable PDF of the DEA; a 30-day comment period follows from the date of publication in the Notice.

 FEA-FONSI

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 Act 172-12 EISPN
("Direct to EIS")

Submit 1) the approving agency notice of determination letter on agency letterhead and 2) this completed OEQC publication form as a Word file; no EA is required and a 30-day comment period follows from the date of publication in the Notice.

 DEIS

Submit 1) a transmittal letter to the OEQC and to the approving agency, 2) this completed OEQC publication form as a Word file, 3) a hard copy of the DEIS, 4) a searchable PDF of the DEIS, and 5) a searchable PDF of the distribution list; a 45-day comment period follows from the date of publication in the Notice.

 FEIS

Submit 1) a transmittal letter to the OEQC and to the approving agency, 2) this completed OEQC publication form as a Word file, 3) a hard copy of the FEIS, 4) a searchable PDF of the FEIS, and 5) a searchable PDF of the distribution list; no comment period follows from publication in the Notice.

 FEIS Acceptance
Determination

The approving agency simultaneously transmits to both the OEQC and the applicant a letter of its determination of acceptance or nonacceptance (pursuant to Section 11-200-23, HAR) of the FEIS; no comment period ensues upon publication in the Notice.

 FEIS Statutory
Acceptance

The approving agency simultaneously transmits to both the OEQC and the applicant a notice that it did not make a timely determination on the acceptance or nonacceptance of the applicant's FEIS under Section 343-5(c), HRS, and therefore the applicant's FEIS is deemed accepted as a matter of law.

- Supplemental EIS Determination The approving agency simultaneously transmits its notice to both the applicant and the OEQC that it has reviewed (pursuant to Section 11-200-27, HAR) the previously accepted FEIS and determines that a supplemental EIS is or is not required; no EA is required and no comment period ensues upon publication in the Notice.

- Withdrawal Identify the specific document(s) to withdraw and explain in the project summary section.

- Other Contact the OEQC if your action is not one of the above items.

Project Summary

Provide a description of the proposed action and purpose and need in 200 words or less.

KWP II operates a 21-megawatt wind energy generation facility on leased State of Hawaii Conservation District lands near Mā'alaea on Maui, Hawai'i, supplying electricity to Maui Electric Company Ltd. The project has an approved HCP to monitor and mitigate for take of three bird species and one bat species protected under state and federal Endangered Species laws.

The DLNR proposes to issue an amended ITL and approve an amended HCP to increase incidental take for the Hawaiian hoary bat from 11 to 62 adults (or juveniles surviving to adult), and for nēnē from 30 to 48 adults (or juveniles surviving to adult) during the remaining 20-year permit that was issued in 2012. KWP II would implement avoidance and minimization measures and monitoring, and provide mitigation commensurate with the new take levels.

The proposed action would result in benefits at the local and state level by producing clean, renewable energy in line with Hawaii's clean energy goals. Effects to the Hawaiian hoary bat and nēnē would be offset by funding research, restoration, or land acquisition to mitigate for the take of each species. Based on the mitigation efforts, no adverse impacts to either species is anticipated.

DAVID Y. IGE
GOVERNOR OF
HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

FEB 02 2017

SUZANNE D. CASE
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STATE PARKS

Mr. Scott Glenn, Director
Office of Environmental Quality Control
Department of Health, State of Hawai'i
235 S. Beretania Street, Room 702
Honolulu, Hawai'i 96813

Dear Mr. Glenn:

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We request that you publish notification in the next available periodic bulletin (*The Environmental Notice*) for the public to submit comments to the DLNR during a thirty-day public comment period.

If there are any questions, please contact Glenn Metzler, Habitat Conservation Planning Associate at (808) 587-4149 or glenn.m.metzler@hawaii.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Suzanne D. Case".

SUZANNE D. CASE
Chairperson

Encl: (1) Completed OEQC Publication form
(2) EISPN

cc: Kaheawa Wind Power II, LLC

APPLICANT PUBLICATION FORM

Project Name:	Kaheawa Wind Power II Habitat Conservation Plan (HCP) Amendment
Project Short Name:	KWP II HCP Amendment
HRS §343-5 Trigger(s):	(2) Propose any use within any land classified as conservation district by the state land use commission under chapter 205
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Judicial District(s):	Maui County
TMK(s):	4-8-001:001, 3-6-001:014
Permit(s)/Approval(s):	Incidental Take License
Approving Agency:	Department of Land and Natural Resources
<i>Contact Name, Email, Telephone, Address</i>	Glenn Metzler, Habitat Conservation Planning Associate Glenn.M.Metzler@hawaii.gov ; (808) 587-4149 Division of Forestry and Wildlife 1151 Punchbowl Street, Room 325 Honolulu, HI 96813
Applicant:	Kaheawa Wind Power II, LLC
<i>Contact Name, Email, Telephone, Address</i>	Mitchell Craig, mcraig@sunedison.com , 808 633-3723, P.O. Box 567, Wailuku, HI 96793
Consultant:	SWCA Environmental Consultants
<i>Contact Name, Email, Telephone, Address</i>	Amanda Childs, achilds@swca.com , 503 224-0333 x6256, 1220 SW Morrison, Suite 700, Portland, OR 97205

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Determination

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- Other Contact the OEQC if your action is not one of the above items.

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KWP II operates a 21-megawatt wind energy generation facility on leased State of Hawaii Conservation District lands near Mā‘alaea on Maui, Hawai‘i, supplying electricity to Maui Electric Company Ltd. The project has an approved HCP to monitor and mitigate for take of three bird species and one bat species protected under state and federal Endangered Species laws.

The DLNR proposes to issue an amended ITL and approve an amended HCP to increase incidental take for the Hawaiian hoary bat from 11 to 62 adults (or juveniles surviving to adult), and for nēnē from 30 to 48 adults (or juveniles surviving to adult) during the remaining 20-year permit that was issued in 2012. KWP II would implement avoidance and minimization measures and monitoring, and provide mitigation commensurate with the new take levels.

The proposed action would result in benefits at the local and state level by producing clean, renewable energy in line with Hawaii’s clean energy goals. Effects to the Hawaiian hoary bat and nēnē would be offset by funding research, restoration, or land acquisition to mitigate for the take of each species. Based on the mitigation efforts, no adverse impacts to either species is anticipated.

Environmental Impact Statement Preparation Notice

KAHEAWA WIND POWER II WIND ENERGY GENERATION FACILITY

UKUMEHAME, MAUI, HAWAII

PREPARED FOR:

Kaheawa Wind Power II, LLC

PREPARED BY:

SWCA Environmental Consultants
1220 SW Morrison
Suite 700
Portland, Oregon 97205

JANUARY 2017

NOTICE OF INTENT TO PREPARE A SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR THE KAHEAWA WIND POWER II (KWP II) WIND ENERGY GENERATION FACILITY

APPLICANT:

Kaheawa Wind Power II, LLC
P.O. Box 568,
Wailuku, HI 96793

APPROVING AGENCY:

Department of Land and Natural Resources
1151 Punchbowl Street
Honolulu, HI 96813

BRIEF DESCRIPTION OF PROPOSED ACTION:

The effects of the construction and operation of Kaheawa Wind Power II (KWP II) were initially analyzed and described in an Environmental Impact Statement (EIS) prepared and approved by the Hawai'i Office of Conservation and Coastal Land on April 19, 2010. The original EIS evaluated the potential for take of three species of bird and one of bat, including the Hawaiian nēnē (*Branta sandvicensis*) and Hawaiian hoary bat (*Lasiurus cinereus semotus*) and take minimization and mitigation options. Also evaluated were Alternatives for siting the wind project turbines or a No Action Alternative and potential impacts from construction of the project.

Permitted take levels for both species are expected to be exceeded before the end of the Incidental Take Permit (ITP)/Incidental Take License (ITL). KWP II, LLC has proposed an amended ITP and ITL to increase take authorizations for nēnē and the Hawaiian hoary bat, as well as add additional authorized tiers of take and mitigation to the HCP for these two Covered Species.

Under the Proposed Action, the Board of Land and Natural Resources (BLNR) would issue an amended ITL and approve an amended HCP for the duration of the KWP II facility's 20-year operating life (ITL issued January 5, 2012), which would increase incidental take for two Covered Species (Hawaiian hoary bat and nēnē) and mitigate that take.

The amended ITL/HCP would consist of the following changes and provisions:

- Increase authorized take of Hawaiian hoary bat from 11 adults (as revised by the Service and DLNR) to 62 adult bats (or juveniles surviving to adult) during the 20-year permit
- Increase authorized take of nēnē from 30 (adults, subadults, fledglings, goslings, and eggs) to 48 adult nēnē (or juveniles surviving to adult) during the 20-year permit
- Restore bat habitat or implement other mitigation measures at an approved conservation site commensurate with the requested take
- Add a new mitigation measure to fund or support bat research that would provide life history, occupancy, habitat usage, and/or foraging information and aid in the recovery of the species
- Continue to provide additional funding at an existing pen or at a site where nēnē regularly forage or nest to increase survival rates and productivity and thereby mitigate take of nēnē
- Create additional tiers of mitigation for additional take of Hawaiian hoary bat and nēnē
- Continue current Low Wind Speed Curtailment regime; 5.5 m/s from February 15 through December 15 from sunset to sunrise

KWP II, LLC, would be responsible for ensuring that incidental take of the two Covered Species is mitigated.

A summary of the proposed take under Alternative 2 (Proposed Action) is provided in Tables 1 and 2, with changes from the original ITL noted in underlined text.

Table 1. Proposed Action Take Limits and Mitigation Efforts

Covered Species	ITP/ITL Authorization	Mitigation Efforts
	Tier Limit	
Nene (<i>Branta sandvicensis</i>)	21 nēnē	<p>Tier 1 mitigation for take of up to 21 nēnē (18 adults and 3 juveniles).</p> <p>Perform systematic visual observations of nēnē activity within KWP II site to document how nēnē use the project area following construction. Ongoing.</p> <p>Establish predator trap lines in known nesting areas, remove invasive vegetation in and around open-top release pens, and monitor movements and nesting activities throughout Maui County. Ongoing.</p>
	Up to 30 nēnē	<p>Tier 2 mitigation for take of up to 30 nēnē (27 adults and 3 juveniles).</p> <p>Support logistics, DOFAW staffing predator control and vegetation management. Monitor and model benefits of action to confirm mitigation offsets Tier 2 take. Assumes Tier 1 take not exceeded.</p>
	<u>Up to 39 adult nēnē</u>	<p><u>Tier 3 mitigation for take of up to 39 nēnē (adult or juvenile surviving to adult).</u></p> <p><u>The applicant would offset the impacts of the take by ensuring implementation of, and providing monitoring reports on predator control efforts at an existing pen or at a site where nēnē regularly forage or nest, which would increase survival rates and productivity.</u></p> <p><u>AND/OR: Implement predator control in known nēnē nesting areas.</u></p> <p><u>AND/OR: Build a new pen to protect nesting nēnē or fence suitable habitat for foraging or nesting.</u></p> <p><u>AND/OR: Manage vegetation for nesting and foraging.</u></p>
	<u>Up to 48 adult nēnē</u>	<p><u>Tier 4 mitigation for take of up to 48 nēnē (adult or juvenile surviving to adult).</u></p> <p><u>The applicant would offset the impacts of the take by ensuring implementation of, and providing monitoring reports on predator control efforts at an existing pen or at a site where nēnē regularly forage or nest, which would increase survival rates and productivity.</u></p> <p><u>AND/OR: Implement predator control in known nēnē nesting areas.</u></p> <p><u>AND/OR: Build a new pen to protect nesting nēnē or fence suitable habitat for foraging or nesting.</u></p> <p><u>AND/OR: Manage vegetation for nesting and foraging.</u></p>

Table 2. Proposed Action Take Limits and Mitigation Efforts

Covered Species	ITP/ITL Authorization	Mitigation Efforts
	Tier Limit	
Hawaiian hoary bat (<i>Lasiurus cinereus semotus</i>)	Up to 7 adult bats	<p>Tier 1 mitigation for take of up to 7 bats (adult or juvenile surviving to adult). Conduct surveys to document bat occupancy at different habitat types (e.g., ridges versus gulches) and elevation ranges at KWP II and vicinity to support Maui bat research.</p> <p>Restore bat habitat at acreage commensurate with the requested take. Ongoing at Kahikinui Forest Reserve.</p>
	Up to 11 adult bats	<p>Tier 2 mitigation for take of up to 11 bats (adult or juvenile surviving to adult). Continue surveys to document bat occupancy at different habitat types (e.g., ridges versus gulches) and elevation ranges at KWP II and vicinity to support Maui bat research.</p> <p>Restore bat habitat at acreage commensurate with the requested take. Ongoing at Kahikinui Forest Reserve.</p>
	<u>Up to 45 adult bats</u>	<p><u>Tier 3 mitigation for take of up to 45 bats (adult or juvenile surviving to adult). Restore bat habitat, monitor restoration efforts, and provide status reports to the wildlife agencies; or implement other mitigation measures at an approved conservation or other site commensurate with the requested take.</u></p> <p><u>AND/OR: Offset the impacts of the taking by providing funding or support for bat research that would provide life history information and/or aid in the recovery of the species.</u></p> <p><u>OR: Acquire land in perpetuity to preserve bat habitat.</u></p>
	<u>Up to 62 adult bats</u>	<p><u>Tier 4 mitigation for take of up to 62 bats (adult or juvenile surviving to adult). Restore bat habitat, monitor restoration efforts, and provide status reports to the wildlife agencies; or implement other mitigation measures at an approved conservation or other site commensurate with the requested take.</u></p> <p><u>AND/OR: Fund or support bat research that would provide life history information and/or aid in the recovery of the species.</u></p> <p><u>OR: Acquire land in perpetuity to preserve bat habitat.</u></p>

DETERMINATION & REASONS SUPPORTING DETERMINATION:

The effects of the construction and operation of KWP II were initially analyzed and described in the 2010 EIS.

Subsequently, ITP TE-27260A-0, dated January 3, 2012, and the Hawai'i DLNR's ITL-15, dated January 5, 2012, were issued. The Permits authorized incidental take over the 20-year life of the Project for up to 11 adult Hawaiian hoary bats as well as up to 30 nēnē, due to injury or mortality from collision with vehicles, cranes, meteorological towers, construction cranes, or wind turbines. In addition to these two Covered Species, the Permits also authorized take of the Hawaiian petrel or `ua`u (*Pterodroma sandwichensis*) and the Newell's shearwater or `a`o (*Puffinus newelli*).

Monitoring data gathered during the first four (4) years of the Project indicated that the level of incidental take of Hawaiian hoary bats and nēnē is higher than anticipated. As of December 2016, three Hawaiian hoary bat fatalities and four nēnē fatalities have been documented at KWP II. Since Tier 2 take levels for both species are expected to be exceeded before the end of the ITP/ITL, KWP II, LLC has proposed an amended ITP and ITL to increase take authorizations for nēnē and the Hawaiian hoary bat, as well as add additional authorized tiers of take and mitigation to the HCP for these two Covered Species.

Because the proposed ITP/ITL Amendment would increase authorized incidental take analyzed in the original environmental assessment, KWP II, LLC will prepare a supplemental EIS to assess the impacts that the Proposed Action and identified alternatives would have on the human environment. The DLNR will be the approving agency, and the EIS is being prepared in conformance with the provisions of HRS, Chapter 343, Hawaii Administrative Rules, Section 11-200.

In addition to the Proposed Action, the EIS will evaluate two additional alternatives. The second action alternative (the Additional Low Wind Speed Curtailment to 6.5 m/s Alternative) evaluates project effects based on curtailment up to 6.5 m/s from sunset to sunrise from February 15 to December 15 of each operating year. For this alternative, KWP II, LLC, would continue to implement the avoidance and minimization measures established in the current HCP, as applicable. Compensatory mitigation measures associated with the proposed amended HCP and ITP would be reduced commensurate with the reduction in the amount of incidental take of bats. The third alternative (the No Action Alternative) will examine the impacts of the BLNR not issuing an amended ITL or approving an amended HCP. Under this scenario, KWP II, LLC would continue operating KWP II, the 21-megawatt (MW) facility and minimization, avoidance, and mitigations measures established in the current HCP would continue to be implemented. However, any incidental take occurring as a result of Project operation that exceeds the existing ITL would not be authorized.

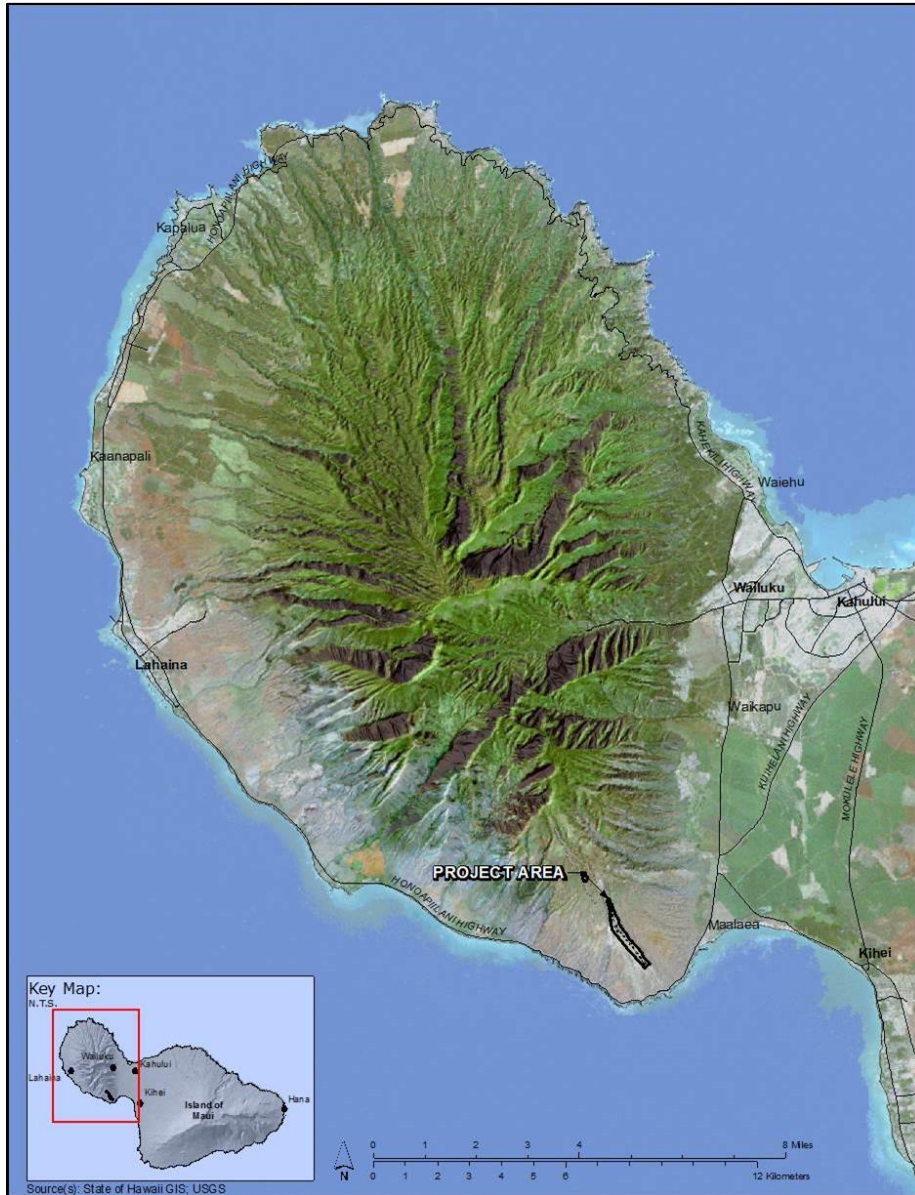


Figure A. KWP II project area.

PROJECT SUMMARY

Project	Kaheawa Wind Power II (KWP II)
Applicant	Kaheawa Wind Power II, LLC P.O. Box 568, Wailuku, HI 96793 Contact: Mitchell Craig Phone (808) 633-3723, mcraig@sunedison.com
Approving Agency	Hawaii Department of Land and Natural Resources (DLNR) 1151 Punchbowl St. Honolulu, HI 96813
Project Location	Kaheawa Pastures, Mā'alaea, Ukumehame Ahupua'a, Lahaina District, Island of Maui
Land Ownership	State Conservation District
Proposed Action	The Board of Natural Resources (BLNR) would issue an amended ITL and approve an amended HCP for the duration of the Project's 20-year operating life, to increase incidental take for the Hawaiian hoary bat from 11 adults (as revised by the Service and DLNR) to 62 adult bats, and the nēnē from 30 (adults, subadults, fledglings, goslings, and eggs) to 48 adult nēnē (or juveniles surviving to adult) during the 20-year permit. KWP II would be responsible for implementing avoidance and minimization measures as well as provide mitigation commensurate with the level of take.
Significant Beneficial/ Adverse Impacts	The proposed action would result in benefits at the local and state level in the form of clean, renewable energy being produced in line with the State of Hawaii's clean energy goals. Effects to the Hawaiian hoary bat and nēnē would be offset by KWP II providing funding and restoration efforts to mitigate take of each species. Based on the level of mitigation efforts, no adverse impacts to either species is anticipated, though the proposed action provides the highest benefit among all of the alternatives.
Proposed Mitigation	Proposed mitigation for the proposed action includes: Restore bat habitat or implement other mitigation measures at an approved conservation site commensurate with the requested take <ul style="list-style-type: none"> • Add a new mitigation measure to fund or support bat research that would provide life history, occupancy, habitat usage, and/or foraging information and aid in the recovery of the species • Continue to provide additional funding at an existing pen or at a site where nēnē regularly forage or nest to increase survival rates and productivity and thereby mitigate take of nēnē • Create additional tiers of mitigation for additional take of Covered Species
Alternatives	<ul style="list-style-type: none"> • <u>Alternative 1 (No Action)</u>: For the project, an ITL amendment would not be issued by the BLNR, and KWP II, LLC's amended HCP would not be approved.

Considered	<p>An ITL amendment is not legally required for continued operation of the Project, but any incidental take occurring as a result of Project operation that exceeds the existing ITL would not be authorized. Minimization, avoidance, and mitigations measures established in the current HCP would continue to be implemented.</p> <ul style="list-style-type: none"> • <u>Alternative 2</u>: See Proposed Action above. • <u>Alternative 3 (Additional Low Wind Speed Curtailment to 6.5 m/s)</u>: For this alternative, facility turbines would be curtailed from sunrise to sunset from February 15 through December 15 each year when winds are below 6.5 m/s. KWP II, LLC, would continue to implement the avoidance and minimization measures established in the current HCP, as applicable. Compensatory mitigation measures would be reduced commensurate with any reduction of incidental take of bats. This Alternative would not affect take rate of nēnē.
Unresolved Issues	At present, there are no known unresolved issues.
Compatibility with Land Use Plans and Policies	All alternatives are compatible with state and local land use plans and policies. Plans consulted to ensure compatibility include the Maui General Plan, Countywide Plan, Kihei-Makena and West Maui Community Plans, Hawaii State Plan, and Hawaii Revised Statutes related to land use. A detailed description can be found in chapter 7.
Permits Required	<ul style="list-style-type: none"> • Endangered Species Act Section 10 Incidental Take Permit (Amended) • State Endangered Species Incidental Take License (Amended)
Parties Consulted	The applicant consulted the State Department of Land and Natural Resources Division of Forestry and Wildlife and the U.S. Fish and Wildlife Service during the preparation of this EISPN.
Consultant	SWCA Environmental Consultants, 1220 SW Morrison, Suite 700, Portland, Oregon 97205. Contact: Amanda Childs (503) 224-0333 x6256

KWP II operates a 21-megawatt wind energy generation facility on leased State of Hawaii Conservation District lands near Mā'ālaea on Maui, Hawai'i, supplying electricity to Maui Electric Company Ltd. The project has an approved HCP to monitor and mitigate for take of three bird species and one bat species protected under state and federal Endangered Species laws.

The applicant has requested that the BLNR issue an amended ITL and approve an amended HCP to increase incidental take for the Hawaiian hoary bat from 11 to 62 adults (or juveniles surviving to adult), and for nēnē from 30 to 48 adults (or juveniles surviving to adult) during the remaining 20-year permit. KWP II would implement avoidance and minimization measures and monitoring, and provide mitigation commensurate with the new take levels. The proposed action would result in benefits at the local and state level by producing clean, renewable energy in line with Hawaii's clean energy goals. Effects to the Hawaiian hoary bat and nēnē would be offset by funding research and restoration to mitigate for the take of each species. Based on the mitigation efforts, no adverse impacts to either species is anticipated.