

Mary Dyas - Russel City Energy Center agenda item for August 11, 2010

From: Jameson <jameson1@pacbell.net>
To: <mdyas@energy.state.ca.us>
Date: 8/9/2010 3:59 PM
Subject: Russel City Energy Center agenda item for August 11, 2010
CC: "John Gouveia" <GouJ@haywardrec.org>, "Rita Shue" <ShuR@haywardrec.org>, <paul@hodesforhard.org>
Attachments: Nature Camp Info0001.pdf; HARD nature classes 001.jpg; HARD nature classes.jpg; HASPA letter to CEC onRusselCityEnergy12-23-09.doc

August 9, 2010

Mary Dyas, Compliance Project Manager

California Energy Commission
 1516 9th St., MS-2000
 Sacramento, CA 95814

DOCKET	
01-AFC-7C	

DATE	<u>AUG 09 2010</u>
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RECD.	<u>AUG 10 2010</u>
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RE: The inclusion of the Russell City Energy Center on the Aug.11th Business Meeting Agenda.

Dear Ms. Dyas,

The Hayward Area Recreation and Parks District (HARD) requests that the Commission remove the Russell City Energy Center (RCEC) item from the August 11, 2010 Business Meeting agenda (item 5) and not reschedule a vote on certification of the RCEC requested amendments until the issues below are addressed.

HARD was founded in 1944 and its Shoreline Interpretive Center is located at 4901 Breakwater Avenue in Hayward. The center and adjacent bay land provide educational and recreational opportunities to bay area schools, community groups and the general public all year round. The center has both on going and traveling exhibits, a laboratory for hands on research, and a heavily used reference library. Our naturalists and volunteers are invaluable in sharing their knowledge about the hundreds of acres of bay land and eight miles of bay trail that make up the very popular and scenic Hayward shoreline. (Please see the attachments from our upcoming Fall and past Summer program and note that they don't include the school field trips that visit the shoreline almost daily during the school year).

It's been our concern all along that the building and operation of a highly visible 600 MW power plant adjacent to our precious shoreline will have a negative effect on our programs, the wildlife and the patrons who use the shoreline as a peaceful respite from their busy lives. HARD and the Hayward Area Shoreline Planning Agency (HASPA), a "joint powers agency" of which HARD is one of three agency members, has requested on several occasions that no federal permits or state certifications be granted until the potential impact of the RCEC to HARD's Shoreline Interpretive Center, its staff, its patrons, and the shoreline resources and wildlife are fully addressed. Thus far, no analysis has been done

This year HARD conducted its own survey of its shoreline users to help determine how our programs might be affected should the RCEC be built adjacent to the shoreline and found that:

- * 96% of respondents will cease to use OR will decrease their participation in the Shoreline area outdoor activities.
- * 79% will cease to use OR decrease their participation in our Shoreline Interpretive Center activities.
- *75% will cease to use OR decrease their participation in our Shoreline Special Events

As a recreational district with substantial shoreline recreational and educational programs and infrastructure that were years in developing and required a significant investment of tax dollars, the results of this survey are extremely alarming to us. HARD has a duty to its users to protect their educational and recreational experiences and nothing in any phase of the ongoing certification and licensing of the proposed 600 MW fossil fuel power plant has addressed this impact of the RCEC to HARD programs and resources. As there is direct correlation between the number of visitors that HARD serves at its shoreline facilities and the funding that HARD receives to maintain its shoreline infrastructure and run its educational and recreational shoreline programs, it is possible that construction and operation of the RCEC could require HARD to cut its hours at the Shoreline Interpretive Center, discontinue educational programs serving thousands of school children a year, and lay off valued, expert staff.

HARD is also concerned about the significant deterioration to the habitat of the state and federal listed species as well as to the experience of the HARD shoreline users, when as a result of the construction of the RCEC, helicopters and planes are routed directly over the shoreline habitat because of the FAA's change to its Airman's Instruction Manual (AIM). The change to the FAA's AIM to pilots, instructing them to fly upwind of the dangerous toxic plumes produced by fossil fuel power plants will in the case of RCEC, result in hundreds of helicopters and planes from the Hayward Executive Airport being routed directly over HARD shoreline resources (at a low altitude due to the conditions mandated by the nearby Oakland Airport.) Again, the impact to the experience of the HARD shoreline user and to the lives of the state and federally listed endangered species has been unexamined.

In summary, HARD requests that the agenda item regarding the RCEC project be put on hold until the potential negative impacts to HARD resources, users, and protected species are adequately addressed. Furthermore, we would like to request that HARD is kept apprised of all studies conducted regarding the shoreline in relation to the RCEC.

Very sincerely,
Minane Jameson
Vice President, HARD Board

Camp Tenderfoot Extended Care – X-Camp

Extend the camp experience with supervised outdoor activities at East Avenue Park. Includes group games, crafts, hiking, journaling and big-time fun! Program times are before and after Camp Tenderfoot: Monday-Friday: 7:30am-8:45am and 3:00pm-5:30pm. Extended Care participants may attend AM sessions, PM sessions or both.

6786	5-8 yr	M-F	7:30am-5:30pm	Jun 21-Jun 25	5	East Ave Park	Staff	\$75
6787	5-8 yr	M-F	7:30am-5:30pm	Jun 28-Jul 2	5	East Ave Park	Staff	\$75
6788	5-8 yr	M-F	7:30am-5:30pm	Jul 12-Jul 16	5	East Ave Park	Staff	\$75
6789	5-8 yr	M-F	7:30am-5:30pm	Jul 19-Jul 23	5	East Ave Park	Staff	\$75
6790	5-8 yr	M-F	7:30am-5:30pm	Jul 26-Jul 30	5	East Ave Park	Staff	\$75
6791	5-8 yr	M-F	7:30am-5:30pm	Aug 2-Aug 6	5	East Ave Park	Staff	\$75
6792	5-8 yr	M-F	7:30am-5:30pm	Aug 9-Aug 13	5	East Ave Park	Staff	\$75

Camp Potowatomi

An outdoor summer day camp for older kids (Grades 4-6 starting in Sept.) that includes a weekly sleepover on Thursday nights under the stars. Big fun also includes lots o' hikes, crafts, games, skits, and cookouts PLUS swimming on Fridays. Fee includes camp T-shirt. Please download the emergency contact form, the letter to Potowatomi parents, and the map to camp from www.haywardrec.org.

6770	9-12 yr	M-F	9:00am-3:15pm	Jun 21-Jun 25	5	East Ave Park	Staff	\$185
6771	9-12 yr	M-F	9:00am-3:15pm	Jun 28-Jul 2	5	East Ave Park	Staff	\$185
6772	9-12 yr	M-F	9:00am-3:15pm	Jul 12-Jul 16	5	East Ave Park	Staff	\$185
6773	9-12 yr	M-F	9:00am-3:15pm	Jul 19-Jul 23	5	East Ave Park	Staff	\$185
6774	9-12 yr	M-F	9:00am-3:15pm	Jul 26-Jul 30	5	East Ave Park	Staff	\$185
6775	9-12 yr	M-F	9:00am-3:15pm	Aug 2-Aug 6	5	East Ave Park	Staff	\$185
6776	9-12 yr	M-F	9:00am-3:15pm	Aug 9-Aug 13	5	East Ave Park	Staff	\$185

Camp Potowatomi Extended Care – X-Camp

Extend the camp experience with supervised outdoor activities at East Ave. Park. Includes group games, crafts, hiking, journaling and big-time fun! Program times are before and after Camp Potowatomi: Monday, Tuesday, Wednesday: 7:30am-9:00am and 3:15pm-5:30pm; Thursdays: 7:30am-2:30pm; and Fridays 3:15pm-5:30pm. Extended Care participants may attend AM sessions, PM sessions or both.

6793	9-12 yr	M-F	7:30am-5:30pm	Jun 21-Jun 25	5	East Ave Park	Staff	\$75
6794	9-12 yr	M-F	7:30am-5:30pm	Jun 28-Jul 2	5	East Ave Park	Staff	\$75
6795	9-12 yr	M-F	7:30am-5:30pm	Jul 12-Jul 16	5	East Ave Park	Staff	\$75
6796	9-12 yr	M-F	7:30am-5:30pm	Jul 19-Jul 23	5	East Ave Park	Staff	\$75
6797	9-12 yr	M-F	7:30am-5:30pm	Jul 26-Jul 30	5	East Ave Park	Staff	\$75
6798	9-12 yr	M-F	7:30am-5:30pm	Aug 2-Aug 6	5	East Ave Park	Staff	\$75
6799	9-12 yr	M-F	7:30am-5:30pm	Aug 9-Aug 13	5	East Ave Park	Staff	\$75

Vida Nueva Leadership Camp

Designed for middle school aged kids (attending grades 7 or 8 in September) who want more out of camp. Here's a chance to still have a blast this summer while learning leadership skills. Camp is two weeks long and offers two overnights, one-of-a-kind outdoor activities, swimming, and special field trips. Fee includes camp T-shirt. NOTE: No program on Monday, July 5, 2010. Please download the emergency contact form, the letter to Vida Nueva parents, and the map to camp from www.haywardrec.org. Overnights are Thursday of the first week and Tuesday of the second week. Detailed schedule to be distributed on first day of camp.

6784	11-14 yr	M-F	9:00am-3:00pm	Jun 21-Jul 2	10	East Ave Park	Staff	\$395
6800	11-14 yr	M-F	9:00am-3:00pm	Jul 6-Jul 16	9	East Ave Park	Staff	\$356
6801	11-14 yr	M-F	9:00am-3:00pm	Jul 19-Jul 30	10	East Ave Park	Staff	\$395
6802	11-14 yr	M-F	9:00am-3:00pm	Aug 2-Aug 13	10	East Ave Park	Staff	\$395

Nature Camps

Summer Fishing Camp at Hayward Shoreline

Calling all anglers! Our shoreline is home to many unique fish; come out and join us as we catch (and release) some of them. Over five days learn about the basics of fishing (knot tying, casting, landing a catch, etc.). We will also learn about the diversity of life off our shoreline through crafts, hands-on exploration, and much more. Bring a lunch and be prepared to get a little muddy. All fishing equipment provided. Space is limited!



7821	6-14 Yrs	M-F	9:30am-1:30pm	Jul 19-Jul 23	5	HSIC	Downs	\$164
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Wildlife Camp at Sulphur Creek

Spend camp with the critters! At Wildlife Camp get close to animals like owls, opossums, and snakes in our serene park. Connect with nature in a fun, highly-interactive and curriculum-based program. Each week has a special theme, packed with games, crafts, hikes, and animals. Discover our new KIDS & CRITTER CARE camp, an introduction to wildlife rehabilitation. T-shirt and snacks included. Call (510) 881-6747 for details.

Polliwogs

A Preschool day camp at Sulphur Creek. Polliwogs must be age 3.5 yrs. by June 21, 2010 and toilet trained.

6852	3.5-5 Yr	M-F	9:30am-11:30am	Jun 28-Jul 2	5	SCNC	Staff	\$90
6853	3.5-5 Yr	M-F	1:00pm-3:00pm	Jun 28-Jul 2	5	SCNC	Staff	\$90

Weasels

6834	K-1st Gr	M-F	9:30am-2:30pm	Jul 12-Jul 16	5	SCNC	Staff	\$175
6837	K-1st Gr	M-F	9:30am-2:30pm	Jul 26-Jul 30	5	SCNC	Staff	\$175
6839	K-1st Gr	M-F	9:30am-2:30pm	Aug 9-Aug 13	5	SCNC	Staff	\$175

Barn Owls

6845	2nd-3rd Gr	M-F	9:30am-2:30pm	Jul 19-Jul 23	5	SCNC	Staff	\$175
6847	2nd-3rd Gr	M-F	9:30am-2:30pm	Aug 2-Aug 6	5	SCNC	Staff	\$175

Kids and Critter Care-Wildlife Basics 101

6848	2nd-5th Gr	T-F	9:30am-2:30pm	Jul 6-Jul 9	4	SCNC	Staff	\$150
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Summer at the Shoreline

Bay Camp

Hey kids! Have you ever wanted to get up close and personal with the bayshore's birds, plants, bugs and other crawly critters? Ask mom or dad to drop you off mornings at the Shoreline for five days of salt marsh madness. Meet birds and bugs, search for life in the mud, play games, catch (and release) fish, go on a scientific voyage of discovery and learn why the Shoreline is such an important place. Fee includes T-shirt and all activities. Please use the "Camp Registration Form" or register online. Sessions indicate the grade your child will begin in September.



6843	Bay Shrimps	3-5 yr	M-F	9:30am-12:30pm	Aug 2-Aug 6	5	HSIC	Graham	\$127
6838	Shorecrabs	5-6 yr	M-F	9:30am-1:30pm	Jul 19-Jul 23	5	HSIC	Shannon	\$164
6846	Shorecrabs	5-6 yr	M-F	9:30am-1:30pm	Aug 16-Aug 20	5	HSIC	Downs	\$164
6835	Sandpipers	7-8 yr	M-F	9:30am-2:30pm	Jun 28-Jul 2	5	HSIC	Workover	\$172
6841	Sandpipers	7-8 yr	M-F	9:30am-2:30pm	Jul 26-Jul 30	5	HSIC	Graham	\$172
6836	Marsh Hawks	8-11 yr	M-F	9:30am-2:30pm	Jul 12-Jul 16	5	HSIC	Mendoza	\$172
6844	Marsh Hawks	8-11 yr	M-F	9:30am-2:30pm	Aug 9-Aug 13	5	HSIC	Shannon	\$172

Beyond the Bay Extended Care Camp

Relax after a day of hiking and exploring during our supervised after care program. Listen to stories and music, do art projects, create a camp memory book, and share your favorite part of the day with other campers.

7948	Marsh Hawks	8-12 Yrs	M-F	2:30pm-5:30pm	Jul 12-Jul 16	5	HSIC	Ceridwyn	\$70
7946	Shorecrabs	5-6 Yrs	M-F	1:30pm-5:30pm	Jul 19-Jul 23	5	HSIC	Ceridwyn	\$70
7947	Sandpipers	7-8 Yrs	M-F	2:30pm-5:30pm	Jul 26-Jul 30	5	HSIC	Ceridwyn	\$70

Sports Camps

Summer Golf Camps

This is an instructional program conducted on the driving range and golf course for boys and girls ages 7-17 years of age. Our instructors are experienced and very enthusiastic about teaching the golf swing fundamentals, chipping, and putting. You will meet other junior golfers, make new friends and gain golf course experience.



6832	7-17 Yr	M-F	9:00am-1:00pm	Jun 21-Jun 25	4	MHDR	Staff	\$200
6833	7-17 Yr	M-F	9:00am-1:00pm	Aug 2-Aug 6	4	MHDR	Staff	\$200

Pee Wee and Peanuts Sports Camp

This camp is an introduction to T-Ball, Soccer, Football, and Basketball. Focused on fun and learning, participants will gain basic skills through simple motions, games, and practice drills.

7989	4-5 Yr	M/W/F	12:30pm-2:30pm	Jun 28-Jul 9	6	Burbank School	Staff	\$45
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Weekend Nature Activities

The Hayward Shoreline Interpretive Center offers a variety of weekend programs designed to uncover the hidden secrets of the marsh and its inhabitants. An experience along the shoreline, facilitated by a naturalist is truly a valuable one.

Shoreline Trash Takers – Learn about the litter problems facing the Hayward shoreline and marshes. Then head out on the trail to have a positive impact on this beautiful ecosystem by removing litter.

8474	3+ yr	Su	11:00am-1:00pm	Sep 19	1	HSIC	Downs	FREE
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Salt Marsh Scavenger Hunt – Go on a hike to collect, spot and sketch what we can find in and around the marsh to make a hunter's journal. Meet at the trailhead at the west end of West Winton Ave.

8475	5-10 yr	Su	12:00pm-1:30pm	Oct 3	1	HSIC	Downs	\$5
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Halloween Marsh Mask Maker! – Make a fun and spooky Halloween mask of some of our creatures here at the marsh. Then take a short hike to tryout our new masks.

8476	2+ yr	Su	12:00pm-1:30pm	Oct 31	1	HSIC	Downs	\$6
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Weather Watchers – Over two weekends learn about how weather works and why it is so important. Using our weather station, learn how to read and monitor weather instruments. During the course we will construct our own barometers and weather vanes.

8477	8-12 yr	Su	11:00am-12:00pm	Nov 7-Nov 14	2	HSIC	Downs	\$15
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Worm Composting – Discover the benefits of worm composting and reduce your carbon footprint. In our sessions we'll go over how to identify different types of worms, worm composting and practice putting a worm bin together. Get information and materials to take home so you can start your own bin. \$10 materials fee due to instructor.

8483	3-8 yr	Sa	10:00am-11:00am	Nov 13-Nov 20	2	HSIC	Tarnowski	\$18
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The Small and the Strange – Collect organisms using scientific tools and discover the diversity of marsh invertebrates from anemones to zooplankton.

8478	7+ yr	Su	11:00am-12:00pm	Nov 21	1	HSIC	Workover	FREE
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Marvelous Marshscapes – Landscapes are for the land, so marshscapes must be for the marsh. Come learn about the importance of the layer cake that is the marsh landscape. After taking a short hike, join a naturalist and make your own marshscape.

8479	5-10 yr	Su	1:00pm-2:30pm	Nov 28	1	HSIC	Downs	\$6
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Fabulous Food Webs – Learn about the marsh food web and where we fit into it. Then construct your own food web craft while meeting some of the critters that help make it up.

8480	3-8 yr	Su	1:00pm-2:30pm	Dec 5	1	HSIC	Staff	\$5
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Weekday Nature Classes

Weekend Weed Warriors – Have a positive impact on the environment at the Hayward Shoreline. We need your help and enthusiasm to eradicate the non-native plants that threaten Shoreline diversity. Restoration days will involve working and learning techniques of invasive removal native planting, as well as information about the native plants and animals of the Hayward Shoreline. Refreshments will be provided. Bring gloves or borrow some of ours.

8456	12+ yr	Su	1:00pm-4:00pm	Oct 24	1	HSIC	Workover	FREE
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8457	12+ yr	Su	1:00pm-4:00pm	Nov 14	1	HSIC	Workover	FREE
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8458	12+ yr	Su	1:00pm-4:00pm	Dec 12	1	HSIC	Workover	FREE
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Stilts and Strollers Walking Club – Bring your baby or toddler and their stroller for a morning hike along the Bay Trail. During this five-week course, we'll explore nature using all of our senses. Parents and caregivers get a chance to take a walk at a comfortable pace at several sites with a naturalist guide.

8465	1-30 mo	T	10:00am-11:30am	Sep 14-Oct 12	5	HSIC	Torres-Kirkpatrick	\$90
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Kids for the Birds – Ever wonder why ducks don't wear jackets? Or what eating like a bird really means? Join us for three weeks of bird exploration as we experiment indoors and then take a short walk to watch birds. Look at feathers, bird beaks and bird feet and make a few treasures to take home.

8469	3-5 yr	W	10:30am-11:30am	Sep 29-Oct 13	3	HSIC	Ceridwyn	\$22
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Explorando la Naturaleza (Exploring Nature) NEW!

Por que esta sucia la Bahia? (Who Dirty the Bay) – Unase a nosotros hoy, al explorar nuestras aguas de la bahia. Conozca algunas de las formas en que que podemos ayudar limpiar la bahia y mucho mas!

8468	12+ yr	Su	1:30pm-4:00pm	Oct 10	1	HSIC	Torres-Kirkpatrick	\$5
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Almuerzo por la Bahia – Un paseo ideal para cualquiera que desee una rapida introduccion a la historia natural y cultural del litoral Hayward. Descubre las plantas y los animales de la marisma. Vistase en capas. Triga algo para beber.

8466	12+ yr	Sa	11:00am-1:30pm	Oct 16	1	HSIC	Torres-Kirkpatrick	\$5
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Nature Programs

All Ages

Hayward Shoreline Interpretive Center

Open Saturday and Sunday, 10:00am-5:00pm. Closed District holidays.

Perched on stilts above a salt marsh, the Hayward Shoreline Interpretive Center is your introduction to the ecology of the San Francisco Bay-Estuary. The Interpretive Center features exhibits, programs and activities designed to inspire a sense of appreciation, respect and stewardship for the Bay, its inhabitants and the services they provide.



Bird Walks

Freshwater Marsh Birding - It's that shift in the seasons again where many of our summer residents leave and the winter populations arrive. We'll explore this fun time of year in our fresh water marshes and look for the straggler terns that have yet to leave, and search for the new arrivals that might still be in breeding plumage like the Black-bellied Plover.

8447	12+ yr	Sa	9:00am-12:00pm	Sep 18	1	HSIC	Graham	FREE
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Robert's Landing Bird Hike - We will begin from one of the northern entrances to the Hayward shoreline and head south looking for shorebirds. The tide will be creeping in as we look on either side of the trail for birds still foraging on the mud flats or roosting in the salt marsh. It should be a lovely fall day to get out and explore. We will meet at the Grant Avenue parking lot in San Leandro.

8448	12+ yr	Sa	9:00am-12:00pm	Oct 9	1	HSIC	Graham	FREE
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Birding West Winton - Today's loop takes us by "Mount Trashmore" as we look for both shorebirds and songbirds in this juxtaposition of upland and salt marsh habitats. We will meet at the West Winton trailhead.

8449	12+ yr	Sa	2:30pm-5:30pm	Oct 23	1	HSIC	Graham	FREE
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Lake Merritt Field Trip - Within the shallow waters of this urban refuge a surprisingly large diversity of birds can be found, such as Common Golden-eyes and Pied-billed Grebes, just to name two. We will meet at the Rotary Nature Center and explore from there. Directions can be found at www.lakemerritt.org.

8450	12+ yr	Sa	11:00am-1:00pm	Nov 13	1	HSIC	Graham	FREE
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Birding the Bay Trail - Come join us for an exploration of our salt marsh. The plan is to start at the Interpretive Center and hike out to the open bay. Our loop travels through the fresh water marsh, but our focus today is on shorebirds.

8451	12+ yr	Sa	11:00am-2:00pm	Nov 27	1	HSIC	Graham	FREE
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Eden Landing Ecological Reserve - At this time of year the ponds here should be full of wintering shorebirds. This special walk is always fun and if we're lucky we might spot an Osprey or Peregrine Falcon, too. Meet at the parking lot at the corner of Clawiter and Arden in Hayward.

8452	12+ yr	Sa	12:00pm-3:00pm	Dec 11	1	HSIC	Graham	FREE
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Nature Detectives

Nature Detectives is a monthly program for 3 to 5 year olds and their caregivers designed to introduce participants to the plants and animals that live in the salt marsh.

October Outing - In a special two-hour class, we'll hike all the way to the shoreline for a picnic and beach combing. Bring a drink we'll supply the food.

8470	3-5 yr	Sa	10:00am-12:00pm	Oct 2	1	HSIC	Shannon	\$5
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November Nocturnal Animals - When we go to sleep at night, many marsh animals wake up. This month we'll learn about nocturnal animals and why they prefer nighttime.

8471	3-5 yr	Sa	11:00am-12:00pm	Nov 6	1	HSIC	Shannon	\$5
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December Dragonflies - How many wings does a dragonfly have? Why are they called "dragon" flies? Learn about these beautiful insects and make a craft to take home.

8472	3-5 yr	Sa	11:00am-12:00pm	Dec 4	1	HSIC	Shannon	\$5
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Leopard Shark Feeding Frenzy

Assist the Interpretive Center staff during the daily feeding of our shark tank. Learn about the surfperch, lined shore crabs, anemones and barnacles that inhabit the tank along with our resident leopard sharks. New animals are added all the time!

8453		Su	2:00pm-3:00pm	Sep 26	1	HSIC	Staff	FREE
8454		Sa	11:00am-12:00pm	Oct 30	1	HSIC	Staff	FREE
8455		Sa	11:00am-12:00pm	Nov 20	1	HSIC	Staff	FREE

SEE PAGES 59-61 FOR THE GUIDE TO CLASS LOCATIONS AND FACILITIES.



HAYWARD AREA SHORELINE PLANNING AGENCY

Hayward Area Recreation and Park District
East Bay Regional Park District
City of Hayward

December 24, 2009

Ms. Mary Dyas
Compliance Project Manager
Siting, Transmission and Environmental Protection Division
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814

RE: Petition for Amendment No. 2, Russell City Energy Center (01-AFC-7C)

Dear Ms. Dyas,

The Hayward Area Shoreline Planning Agency (HASPA) at its regular meeting on December 17, 2009 was informed of the consideration by the California Energy Commission (CEC) of the Petition for Amendment No. 2 for the Russell City Energy Center (RCEC), Hayward, CA. Coincidentally, the agency Board of Trustees had just heard a presentation by hydrology consultant Phillip Williams and Associates (PWA) who was commissioned by HASPA to report on the affect of projected sea level rise on the Hayward Shoreline. The basis for the PWA presentation was an inundation map developed for the San Francisco Bay Conservation and Development Commission (BCDC) by the USGS (Knowles 2008), that I have attached for your information and use.

As you may already know, the RCEC project is located on a site that will be affected by the projected rise in sea level and although the floor elevation of the energy center may be built higher than actual flood level, the increase in groundwater levels at this site must also be considered in the design of underground pipelines and conduits in this area. However, nothing in the Amendment No. 1, or in the recently produced Amendment No. 2, addresses how the RCEC building foundation, underground gas and water lines, conduits, cabling, etc, will be engineered to deal with this rise in the level of the groundwater both at and nearby the RCEC site. As the engineers from PWA pointed out in their presentation to HASPA, the rise in groundwater levels associated with sea level rise, will present serious problems for infrastructure that has not been designed to withstand the corrosive effects of being situated below groundwater level.

We are concerned that this issue has not been adequately addressed by RCEC, LLC and request that the CEC require RCEC, LLC to provide a clear statement on their strategy to address the rise in groundwater levels and the potential inundation of the RCEC site. Depending upon the strategy chosen, the need for an environmental assessment and a determination of what will be the affect of their strategy on the interests of the agencies that compromise HASPA may also be required.

We are also concerned about the intense; omni-directional perimeter lighting required for the RCEC by the FAA, whose affect on the adjacent environment has yet to be determined. The CEC must require RCEC, LLC to produce a lighting plan for the energy center and make an assessment of the environmental impact of these lights.

There is also the likelihood that the FAA will in the first quarter of next year, codify its policy that pilots must circle *upwind* of power plant plumes. As the Hayward Airports current "overflow" flight path is basically over the top and east (downwind) of RCEC this would result in an increase in the number of planes and helicopters circling directly over the Snowy Plover, Black Rail and Salt Marsh Harvest Mouse habitat found at the Hayward Shoreline. This seems to pose some obvious reasons for concern that should be weighed by the CEC staff as they consider the new amendment, as well as the USEPA and USF&WS.

Thank you for the opportunity to comment and we hope you will seriously consider these comments in the processing of the subject documents.

Sincerely,



Ms. Carol Severin, Chair
Hayward Area Shoreline Planning Agency

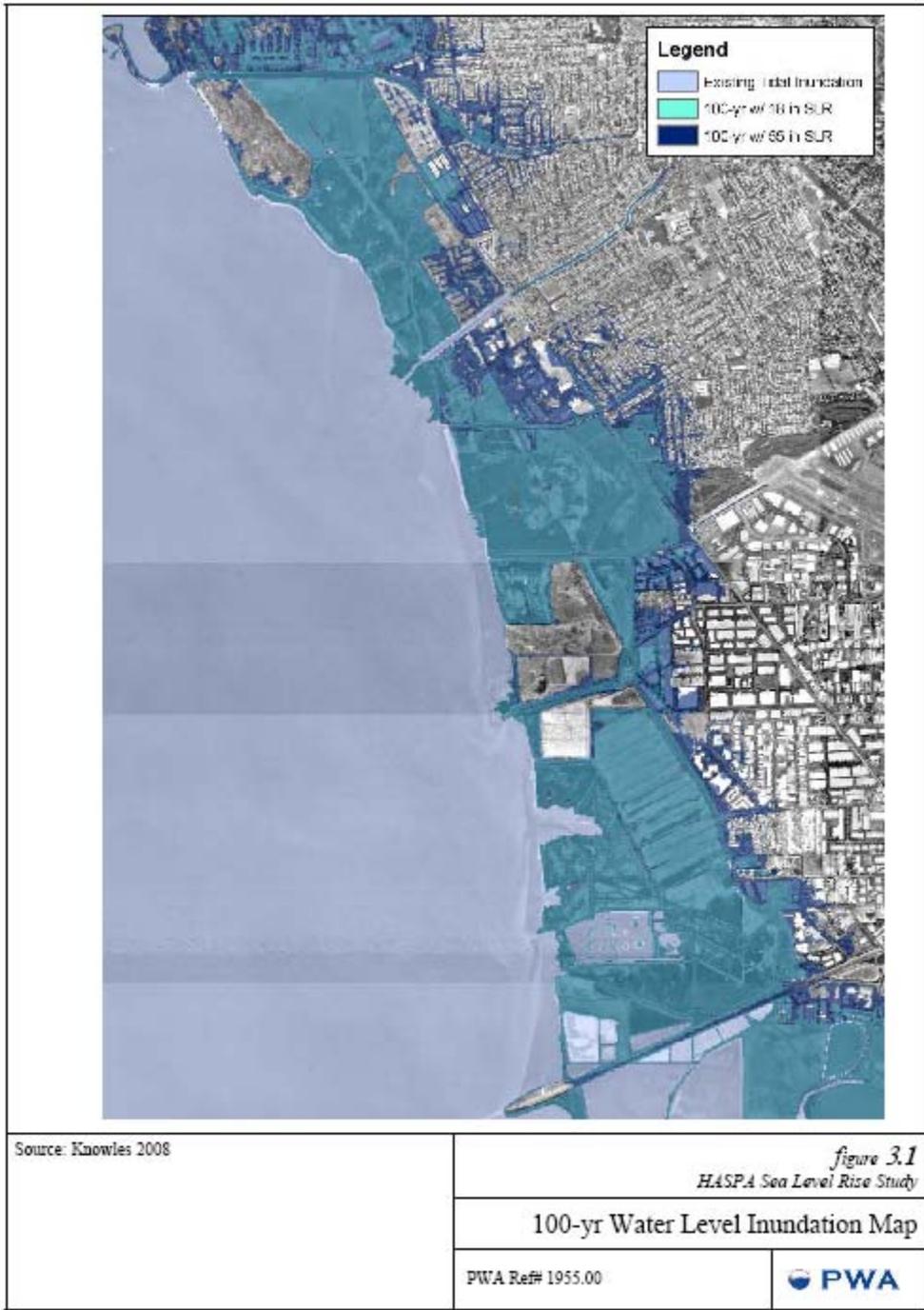
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