



THE SECRETARY OF THE INTERIOR
WASHINGTON

OCT 05 2010

The Honorable Arnold Schwarzenegger
Governor of California
Sacramento, California 95814

Dear Governor Schwarzenegger:

Thank you for your letter to President Obama dated August 26, 2010, concerning four planned solar energy projects under consideration in California. We share the common goal of developing renewable energy, both on the Nation's public lands and elsewhere. I admire and applaud your leadership in this very important arena. Thanks in large measure to your leadership the State of California and the United States Department of the Interior have forged an effective partnership and a productive working relationship. I appreciate that our staffs were able to discuss this matter in California on September 16, 2010.

California is blessed with an extraordinary diversity of fish, wildlife and plants, some of which are in peril of extinction. The President's and my commitment to expanding the nation's supply of renewable energy is accompanied by an equally clear commitment to doing so in a way that fulfills our duty to conserve wildlife and other environmental values.

You and I both recognized that careful scrutiny of such projects would be needed when we entered into a Memorandum of Understanding (MOU) in 2009 and included in that MOU a set of "permitting milestones". The permitting milestones specified certain dates by which specific actions must happen if projects were to commence construction by December 2010, thereby qualifying for Treasury grants under the American Recovery and Reinvestment Act (ARRA). In these milestones, the Service committed to completing in a timely manner the environmental reviews necessary for projects on private lands. Under those milestones, relevant dates for submitting the documentation needed to evaluate endangered species impacts were either October 16, 2009, or February 19, 2010, depending on the nature of the review to be carried out.

For at least three of these projects, the U.S. Fish and Wildlife Service advised the project proponents early on that their projects were proposed for areas rich in endangered species and that had long been identified for their conservation importance in the Service's recovery plan for endangered species in the San Joaquin Valley. However, the timeline included in the MOU, mutually-agreed to by State and Federal permitting agencies, and developed with the intent to provide a clear and efficient timeline to developers on private lands to move through the section 10(a)(1)(B) of the Endangered Species Act (section 10) process, was not honored by the applicants for any of the four projects mentioned in your letter.

In response to your letter, the Service and my energy counselor met with the four project proponents, your senior advisors on energy, and the Department of Fish and Game, which also has a permitting role to play, and have developed a path forward. Two of the projects developers—First Solar and SunPower—have indicated that the Department of Energy will be the NEPA lead and will therefore initiate the necessary consultation with the U.S. Fish and Wildlife Service under the Endangered Species Act (ESA). The Service stands ready to complete those consultations in a timely manner. Maricopa Sun, LLC is preparing a habitat conservation plan for the Granville Homes project and will be seeking a permit from the Service pursuant to Section 10 of the ESA. The Service and Maricopa are working to develop a mutually agreeable schedule.

Compliance with the California Endangered Species Act (CESA) is also a necessary component to ensuring that timely permitting decisions are made. The Service and DFG are working with the project proponents to make sure this critical piece is accounted for in the schedule. Further, subject to available appropriations, the Service expects to be able to honor the permitting milestones for future projects that may pursue Section 10 approvals of habitat conservation plans, provided project proponents meet their obligations set forth in that document.

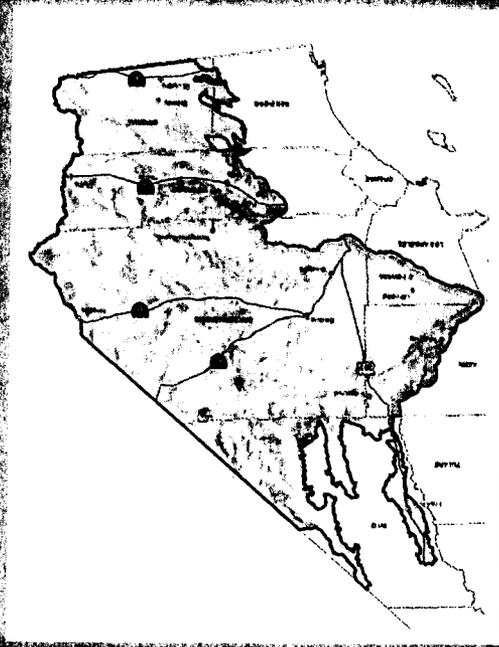
My team appreciated the opportunity to walk through this plan of action with you immediately following a meeting with the four project developers on September 16, 2010. The Service will continue to provide you and your staff with updates on the progress the Service and DFG are making.

Our experience since entering into the MOU last year has underscored the desirability of the Service and the State working together to identify and prioritize areas appropriate for environmentally sound renewable energy development and areas less suitable for such development. Our foundational work on the Desert Renewable Energy and Conservation Plan for the Mojave is an example. This approach would most likely reflect a balance of appropriate locations for renewable energy on our public and private lands, both of which we anticipate will play an important role in our Nation's clean energy future. I would welcome your support for such an approach and would suggest that we convene a meeting to perfect this approach in the near future.

Sincerely,

A handwritten signature in black ink that reads "Ken Salazar". The signature is fluid and cursive, with the first name "Ken" and last name "Salazar" clearly distinguishable.

Ken Salazar



DR-EOP Planning Areas

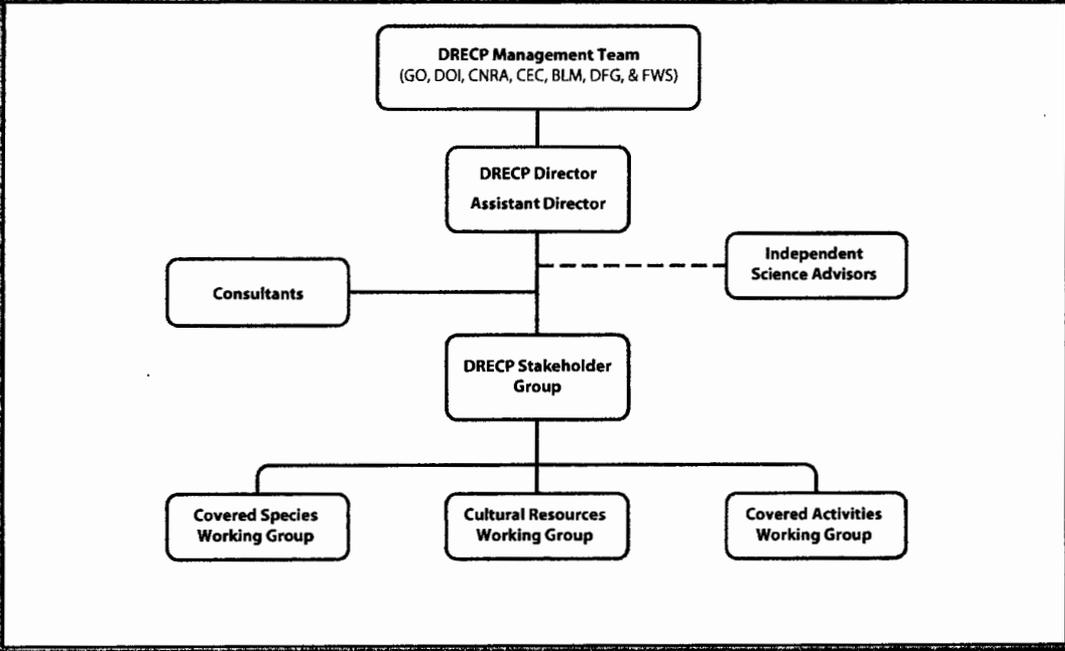


The DR-EOP Planning Areas are defined as the portions of the state that are covered by the DR-EOP. The DR-EOP Planning Areas are defined as the portions of the state that are covered by the DR-EOP. The DR-EOP Planning Areas are defined as the portions of the state that are covered by the DR-EOP.

Desert Renewable Energy Conservation Plan Overview

Develop Renewable Energy Covered Area Plan Overview

- D-RECP Components
- D-RECP Goals
- D-RECP Process
- D-RECP Stakeholders
- D-RECP Timeline
- D-RECP Summary



Renewable Energy Projects Currently Seeking Permits in California

SNAPSHOT OF PROJECTS		
Scale	Projects	Capacity (MW)
Seeking AIRR Approval		
100-199	7	949
50-99 MW	9	611
49 MW or less	13	359
Subtotal	50	11,075 MW
Not Seeking AIRR Approval		
200 MW+	73	54,009
100-199	16	1,972
50-99 MW	18	1,017
49 MW or less	120	2,154
Subtotal	227	59,152 MW
TOTAL	277	70,227 MW

(as of 6/16/10)

Total generation needed to achieve 33% goal: 15,000 to 20,000 MW

Total capacity of California's electrical grid: 60,000 MW

Impacts of the 22 Priority Projects

Total Jobs: 12,200

- **Construction** 10,000
- **Operations** 2,200

Total Investment: \$20 to \$30 billion

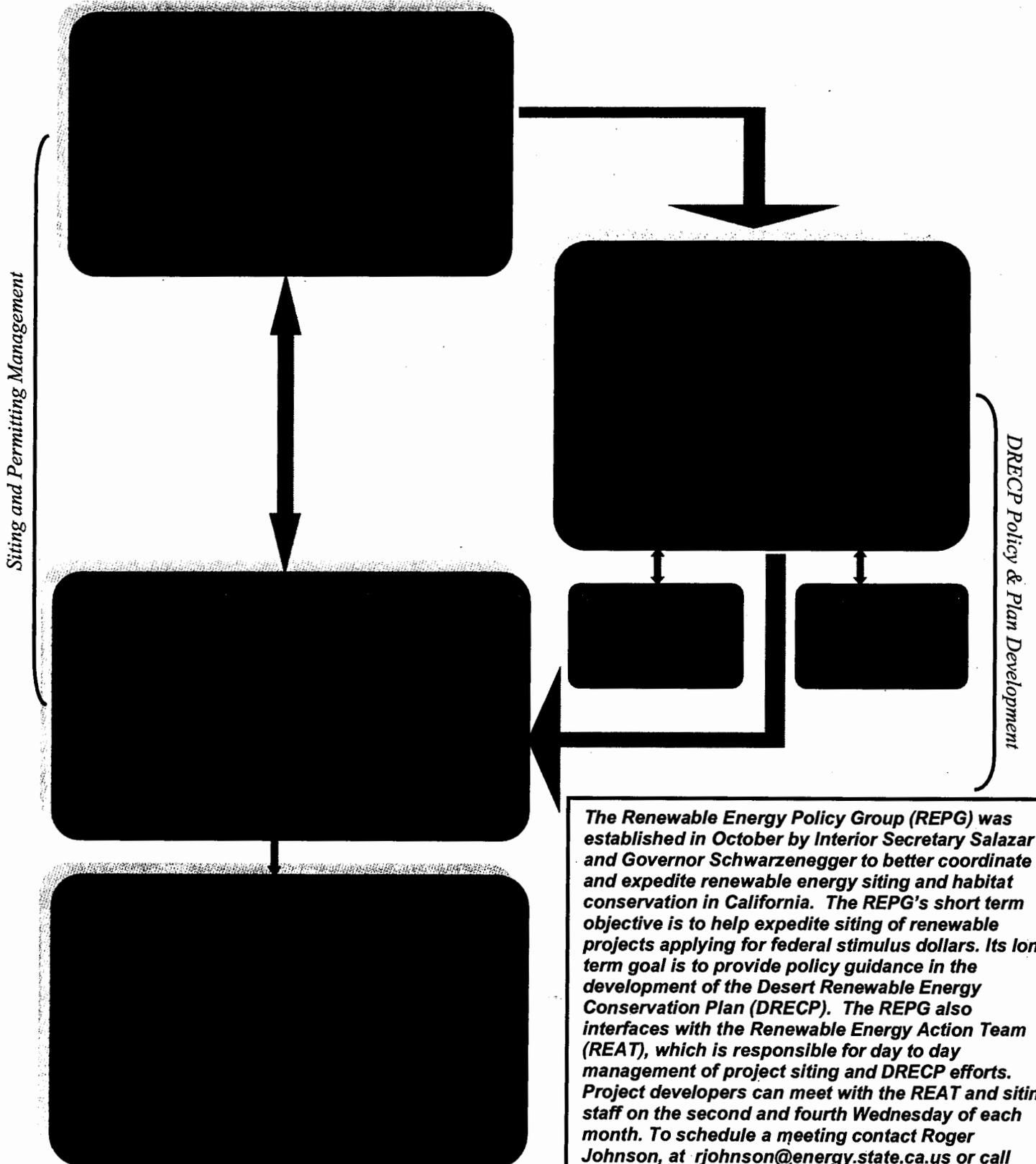
Total Stimulus Dollars into California: \$5 to \$10 billion

Homes Powered Annually: 6.75 million

**All of the Economic Impacts are Estimates*



OVERVIEW OF KEY STATE & FEDERAL STAKEHOLDERS FOR PERMITTING OF RENEWABLES





KEY RENEWABLES SITING CONTACTS



U.S. Department of the Interior	Steve Black	<i>Counselor, DOI</i>	REPG	(202) 208-4123	Steve_Black@ios.doi.gov
U.S. Department of the Interior	Janea Scott	<i>Special Assistant to the Counselor, DOI</i>	REPG	(202) 208-2977	Janea_Scott@ios.doi.gov
CA Governor's Office	Michael Picker	<i>Senior Advisor for Renewable Energy Facilities</i>	REPG	(916) 445-7665	Michael.Picker@gov.ca.gov
CA Governor's Office	Manal Yamout	<i>Special Advisor for Renewable Energy Facilities</i>	REPG	(916) 445-7665	Manal.Yamout@gov.ca.gov
California Natural Resources Agency	Tony Brunello	<i>Deputy Secretary for Climate Change & Energy</i>	REPG	(916) 653-5672	Tony.brunello@resources.ca.gov
U.S. Bureau of Land Management	Bob Abbey	<i>Director</i>	REAT	(202) 208-3801	Director@blm.gov
U.S. Bureau of Land Management	Jim Abbott	<i>Acting State Director</i>	REAT	(916) 978-4600	Jim_Abbott@blm.gov
U.S. Bureau of Land Management	Tom Pogacnik	<i>Deputy State Director, Natural Resources</i>	REAT/ Operations	(916) 978-4637	Tom_Pogacnik@blm.gov
U.S. Bureau of Land Management	Janet Lawson	<i>Renewable Energy Project Manager</i>	Operations	(916) 978-4320	Janet_Lawson@blm.ca.gov
U.S. Fish and Wildlife Service	Mike Fris	<i>Assistant Regional Director</i>	REAT	(916) 414-6464	Michael_fris@fws.gov
U.S. Fish and Wildlife Service	Darrin Thome	<i>Deputy Assistant Regional Director, Ecological Services</i>	REAT/ Operations	(916) 414 6533	Darrin_thome@fws.gov
California Energy Commission	Terry O'Brien	<i>Deputy Director Siting, Transmission & Environmental Protection</i>	REAT	(916) 654-3933	Tobrien@energy.state.ca.us
California Energy Commission	Roger Johnson	<i>Project Manager Electric Transmission Corridor Designation</i>	REAT	(916) 654-5100	Rjohnson@energy.state.ca.us
CA Department of Fish and Game	Kevin Hunting	<i>Chief Deputy Director</i>	REAT	(916) 653-1070	Khunting@dfg.ca.gov
CA Department of Fish and Game	Scott Flint	<i>Renewable Energy Program Manager</i>	Operations	(916) 653-1070 (916) 653-9719	SFlint@dfg.ca.gov

LARGE RENEWABLE ENERGY PROJECTS SEEKING ARRA MONEY

Non CEC Projects (Wind and Solar PV)

1	Maricopa Solar Valley Complex*	Granville Homes	Solar PV	350	Kern/DFG/ USFWS
2	Desert Sunlight ^{BLM}	First Solar	Solar PV	550	BLM
3	Topaz Solar Farm			550	San Luis Obispo
4	Iberdrola Tule Wind ^{BLM}	Pacific Wind, LLC	Wind	200	BLM
5	Alta-Oak Creek Mojave	Alta Windpower Development	Wind	800	Kern
6	Panoche Ranch Solar farm	Solargen	Solar PV	420	San Benito
7	Panoche Ranch Solar farm			250	Fresno
8	North Sky River Wind Energy Project	NextEra	Wind	300	Kern
9	Pacific Wind	EnXco	Wind	289	Kern
10	Shiloh III			200	Solano
11	Antelope Valley Solar Ranch I	NextLight	Solar PV	230	LA/Kern
12	Manzana Wind Project	PG&E	Wind	246	Kern/CPUC
13	California Valley Solar Ranch	Sun Power	Solar PV	210	San Luis Obispo
14	AES Daggett Ridge** ^{BLM}	AES Wind Generation	Wind	84	BLM
15	Lucerne Valley Solar** ^{BLM}	Chevron Energy Solutions	Solar PV	45	BLM
16	Granite Wind** ^{BLM}	Sierra Renewables	Wind	81	BLM

*Developer expects to lease permitted land to about 10 projects, with an estimated capacity of 700 MW. We are using a conservative figure in this chart (350 MW).

**Although not over 200 MW, these projects are on BLM Fast Track List

CEC Projects (Solar Thermal)

1	Blythe Solar Power Project ^{BLM}	Solar Millennium, LLC	Solar Trough	1000	CEC/BLM
2	Palen Solar Power Project ^{BLM}			500	CEC/BLM
3	Ridgecrest Solar Power Project ^{BLM}			250	CEC/BLM
4	Beacon Solar Energy Project	NextEra	Solar Trough	250	CEC
5	Genesis - Ford Dry Lake ^{BLM}			250	CEC/BLM
6	Abengoa Mojave Solar 1	Abengoa Solar, Inc.	Solar Trough	250	CEC
7	Brightsource I, II, IV, VIII ^{BLM}	Ivanpah SEGS	Solar Tower	400	CEC/BLM
8	Calico Solar (Solar 1) ^{BLM}	Teserra Solar	Solar Stirling	850	CEC/BLM
9	Imperial Valley Solar (Solar 2) ^{BLM}			750	CEC/BLM



Office of the Governor

ARNOLD SCHWARZENEGGER
THE PEOPLE'S GOVERNOR

PRESS RELEASE

09/29/2010 GAAS:621:10 FOR IMMEDIATE RELEASE

Gov. Schwarzenegger Applauds CEC Approval of Nearly 1,000 MW of Solar Power

Action Reinforces California as National Solar Development Leader

Governor Arnold Schwarzenegger today applauded the California Energy Commission (CEC) vote to approve the construction of the Genesis Solar Energy Project and the Imperial Valley Solar Project, which will create 959 megawatts (MW) of clean, renewable energy and thousands of jobs in Southern California. With the CEC's approvals today, California has approved six large-scale solar energy projects in the California desert totaling 2,829 MW.

"Today's action solidly cements California as the national leader of solar power development," said Governor Schwarzenegger. "I applaud the California Energy Commission's decision to approve the construction of these solar projects that will increase our state's renewable power, create jobs and boost our economy. I look forward to seeing these projects fully built and powering thousands of California homes with clean electricity."

The two projects would be among the first commercial solar thermal power plants permitted on federal public land in the U.S. They still require a decision from the Bureau of Land Management (BLM), which approves the use of federal public lands, before it can proceed. The BLM's actions are scheduled soon. Under the state's groundbreaking agreement with the U.S. Department of the Interior, the CEC has been working collaboratively with BLM to get projects through both state and federal land use permitting processes by the end of this year without cutting corners.

The Genesis project in Riverside County will require a peak construction workforce of 1,085, with another 50 operational jobs once built. The Imperial Valley project in Imperial County will require a peak construction workforce of 731, with another 164 operational jobs once built.

The 250-MW Genesis project and the 709-MW Imperial Valley project are the fifth and sixth large solar projects approved by the CEC over the past month. In August, the Commission approved NextEra's 250-MW Beacon project—the first large solar project to be approved in the U.S. in two decades. Earlier this month, the CEC also approved BrightSource Energy's 370-MW Ivanpah project, Abengoa's 250-MW Mojave Solar Project and the 1,000-MW Blythe Solar Power Project. For more information on the projects, visit the CEC website at www.energy.ca.gov.

These projects are part of a group of nine solar thermal projects scheduled to go before the commission for decisions by the end of the year in order to qualify for federal stimulus dollars. More than 4,300 MW of solar power will be added if all nine projects are approved. The nine projects would provide more than 8,000 construction jobs and more than 1,000 operational jobs.

In addition to the solar thermal projects the CEC is permitting, there are more than a dozen other large solar photovoltaic and wind projects seeking permits to break ground in California this year. In contrast to this year, 67 MW of central-station utility scale solar were added in 2009 nationwide, and only 34 MW in 2008.

Governor Schwarzenegger has a strong and proven commitment to expanding California's clean energy that will

create jobs, influence national policies and provide a cleaner environment for future generations. In October of 2009, the Governor and Secretary of Interior Ken Salazar signed a historic MOU so that the state and federal government could work together to ensure timely permitting of renewable energy projects. In March, the Governor signed into law a new program to make it easier to conserve land for endangered species and for developers to build renewable energy projects in California. The program, created by SB X8 34, by Senator Alex Padilla (D-Pacoima), will help further streamline and expedite the permitting and siting process for large-scale renewable energy projects that will provide jobs and greater energy independence and attract investment. Other actions to promote clean, renewable energy in California include:

- Renewable Energy Portfolio Standard (RPS): In 2009, the Governor signed an Executive Order directing the California Air Resources Board (ARB) to adopt regulations increasing the state's RPS to 33 percent by 2020. The ARB adopted regulations earlier this month that place the highest priority on renewable resources that will provide the greatest environmental benefits that can be developed quickly and support reliable, efficient and cost-effective electricity system operations including resources and facilities located in California and throughout the Western Interconnection.
- Global Warming Solutions Act of 2006 (AB 32): Signed by the Governor in 2006, AB 32 established a first-in-the-world comprehensive program of regulatory and market mechanisms to achieve real, quantifiable, cost-effective reductions of greenhouse gas emissions. The law will reduce carbon emissions in California to 1990 levels by 2020.
- Green Tech Sales Tax Exemption: Governor Schwarzenegger signed SB 71 by Senator Alex Padilla (D-Pacoima) in 2010 exempting all clean technology manufacturing equipment from sales tax, allowing California to maintain a competitive edge by expanding the range of projects. This targeted sales tax exemption does not cost the state tax dollars and increases revenue by expanding the number of clean technology manufacturing companies with sites in California.
- Million Solar Roofs Initiative: The Governor's \$2.9 billion incentive plan for home and building owners who install solar electric systems, now known as the California Solar Initiative, will lead to one million solar roofs in California by the year 2018, provide 3,000 megawatts of clean energy and reduce greenhouse gas emissions by 3 million tons.



Major solar projects make progress in California

Updated 12h 50m ago

By Julie Schmit, USA TODAY



By Robert Hanashiro, USA TODAY

California is home to many solar projects, including the NextEra Harper Lake Solar Electric Generating System. The state has set a goal of getting 33% of its energy from renewable sources by 2020.

California is on track to approve a wave of solar farms this year that will more than double the state's ability to generate electricity from solar power.

Since August, four major solar projects — including one on 7,000-plus acres billed as the world's largest — have won state approval. The California Energy Commission is expected to OK two more this week. The solar farms, which concentrate the sun's power on mirrors to produce heat used to generate electricity, could eventually produce enough electricity to power 675,000 homes.

No other state is moving as aggressively as California to add solar. Its embrace of big-scale solar may inspire other states, boosters say. "These are the first projects of this size in the U.S.," says Rhone Resch, CEO of the Solar Energy Industries Association. "They're a sign to the rest of the country that solar is here, not a technology of the future."

California, the nation's largest solar producer, has ample sunshine and big renewable-energy goals. Last week, state regulators passed rules requiring that one-third of electricity sold in California come from renewable sources by 2020.

California's push for solar is also being driven by a federal deadline for stimulus funds. Projects must be underway by Dec. 31 to get federal cash grants in lieu of tax credits equal to 30% of the projects' costs.

Late last year, California and federal regulators agreed to expedite projects that were on track to meet the stimulus deadline. The federal Bureau of Land Management has fast-tracked the large California projects, four large solar projects in Nevada and one in Arizona.

"We've made significant progress without cutting corners" on environmental protections, says Michael Picker, renewable-energy adviser to California Gov. Arnold Schwarzenegger.

By year's end, California's energy commission is expected to rule on nine solar farms that could produce 4,300 megawatts of power. One megawatt produces enough electricity for 225 California homes, the industry estimates. Some projects also need federal approval because they are on federal land.

Along with the solar thermal farms, California has more than a dozen large solar photovoltaic and wind projects trying to meet the stimulus deadline.

Environmentalists, who are largely supportive of



We focus on automating Marriott® Hotels' global invoice process. So they don't have to.

Learn more at RealBusiness.com

xerox 
Ready for Real Business

Print Powered By 



solar, sought changes to some thermal farms to lessen damage to wildlife and plants.

Future farms should be more carefully sited on already degraded land and less on desert wilderness, says Kimberley Delfino, a program director for Defenders of Wildlife.

USA TODAY
AutoPilot ✈️

The new travel app for iPhone® and iPod touch®

Presented by Hampton

SEE HOW IT WORKS >>

The advertisement features a smartphone displaying the app's interface with flight information and a list of travel-related items. The background is dark with white and gold text.

Print Powered By FormatDynamics™



THE SECRETARY OF THE INTERIOR
WASHINGTON

OCT 05 2010

The Honorable Arnold Schwarzenegger
Governor of California
Sacramento, California 95814

Dear Governor Schwarzenegger:

Thank you for your letter to President Obama dated August 26, 2010, concerning four planned solar energy projects under consideration in California. We share the common goal of developing renewable energy, both on the Nation's public lands and elsewhere. I admire and applaud your leadership in this very important arena. Thanks in large measure to your leadership the State of California and the United States Department of the Interior have forged an effective partnership and a productive working relationship. I appreciate that our staffs were able to discuss this matter in California on September 16, 2010.

California is blessed with an extraordinary diversity of fish, wildlife and plants, some of which are in peril of extinction. The President's and my commitment to expanding the nation's supply of renewable energy is accompanied by an equally clear commitment to doing so in a way that fulfills our duty to conserve wildlife and other environmental values.

You and I both recognized that careful scrutiny of such projects would be needed when we entered into a Memorandum of Understanding (MOU) in 2009 and included in that MOU a set of "permitting milestones". The permitting milestones specified certain dates by which specific actions must happen if projects were to commence construction by December 2010, thereby qualifying for Treasury grants under the American Recovery and Reinvestment Act (ARRA). In these milestones, the Service committed to completing in a timely manner the environmental reviews necessary for projects on private lands. Under those milestones, relevant dates for submitting the documentation needed to evaluate endangered species impacts were either October 16, 2009, or February 19, 2010, depending on the nature of the review to be carried out.

For at least three of these projects, the U.S. Fish and Wildlife Service advised the project proponents early on that their projects were proposed for areas rich in endangered species and that had long been identified for their conservation importance in the Service's recovery plan for endangered species in the San Joaquin Valley. However, the timeline included in the MOU, mutually-agreed to by State and Federal permitting agencies, and developed with the intent to provide a clear and efficient timeline to developers on private lands to move through the section 10(a)(1)(B) of the Endangered Species Act (section 10) process, was not honored by the applicants for any of the four projects mentioned in your letter.

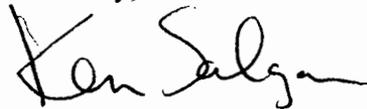
In response to your letter, the Service and my energy counselor met with the four project proponents, your senior advisors on energy, and the Department of Fish and Game, which also has a permitting role to play, and have developed a path forward. Two of the projects developers—First Solar and SunPower—have indicated that the Department of Energy will be the NEPA lead and will therefore initiate the necessary consultation with the U.S. Fish and Wildlife Service under the Endangered Species Act (ESA). The Service stands ready to complete those consultations in a timely manner. Maricopa Sun, LLC is preparing a habitat conservation plan for the Granville Homes project and will be seeking a permit from the Service pursuant to Section 10 of the ESA. The Service and Maricopa are working to develop a mutually agreeable schedule.

Compliance with the California Endangered Species Act (CESA) is also a necessary component to ensuring that timely permitting decisions are made. The Service and DFG are working with the project proponents to make sure this critical piece is accounted for in the schedule. Further, subject to available appropriations, the Service expects to be able to honor the permitting milestones for future projects that may pursue Section 10 approvals of habitat conservation plans, provided project proponents meet their obligations set forth in that document.

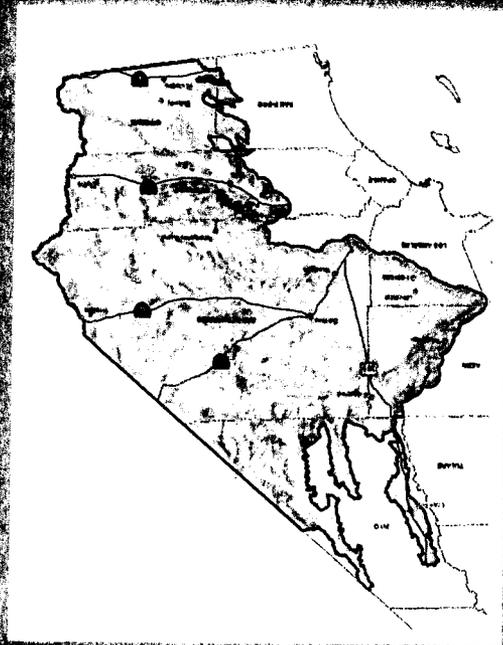
My team appreciated the opportunity to walk through this plan of action with you immediately following a meeting with the four project developers on September 16, 2010. The Service will continue to provide you and your staff with updates on the progress the Service and DFG are making.

Our experience since entering into the MOU last year has underscored the desirability of the Service and the State working together to identify and prioritize areas appropriate for environmentally sound renewable energy development and areas less suitable for such development. Our foundational work on the Desert Renewable Energy and Conservation Plan for the Mojave is an example. This approach would most likely reflect a balance of appropriate locations for renewable energy on our public and private lands, both of which we anticipate will play an important role in our Nation's clean energy future. I would welcome your support for such an approach and would suggest that we convene a meeting to perfect this approach in the near future.

Sincerely,

A handwritten signature in black ink that reads "Ken Salazar". The signature is written in a cursive, flowing style.

Ken Salazar



Desert Renewable Energy Conservation Plan

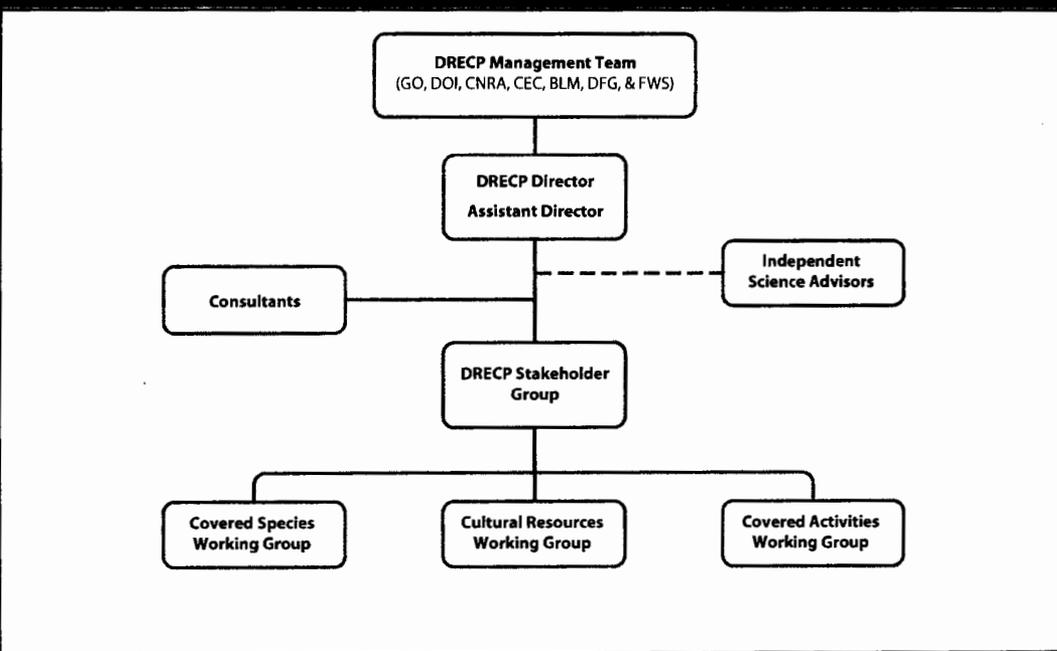


The Governor's Renewable Energy Executive Order directed State agencies to prepare the Desert Renewable Energy Conservation Plan (DRECP) in cooperation with local agencies. The DRECP will identify preferred areas in Southern California's desert for solar and energy facility development and areas to conserve critical natural resources.

Desert Renewable Energy Conservation Plan Overview

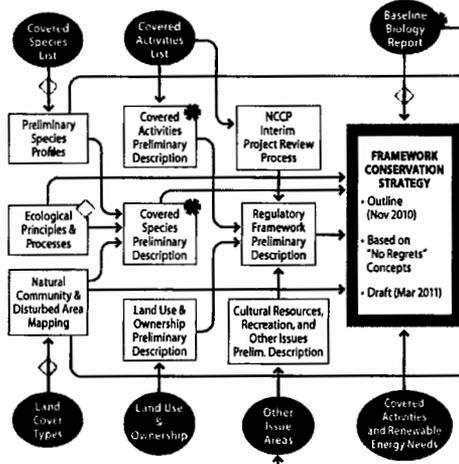
Desert Renewable Energy Conservation Plan Overview

- DRECP Organization
- DRECP Work Plan Overview
- Program Management Structure and Organization
- DRECP Stakeholder Group
- General and Organizational Management Process
- DRECP Timeline
- Summary

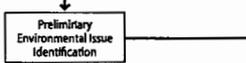


Upcoming Work Product: Framework Conservation Strategy

HCP/NCCP PROCESS



CEQA and NEPA PROCESS



NHPA SECTION 106 PROCESS



in Framing and data integration process, focusing on:

Covered Species and Natural Communities

Covered Activities

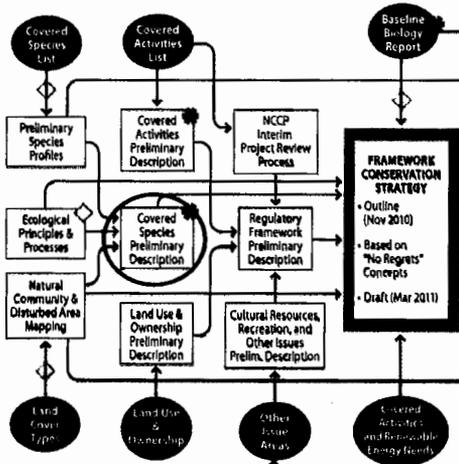
Land Use & Ownership

Other Issue Areas

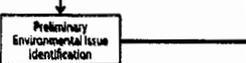
Explore regulatory framework options

Upcoming Work Product: Covered Species Preliminary Description

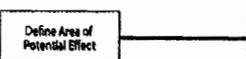
HCP/NCCP PROCESS



CEQA and NEPA PROCESS



NHPA SECTION 106 PROCESS



Planning Agreement species list modified based on ISA recommendations

Identify coverage for coverage

Consideration of planning and regulatory issues

Natural communities and Ecological processes

Conservation

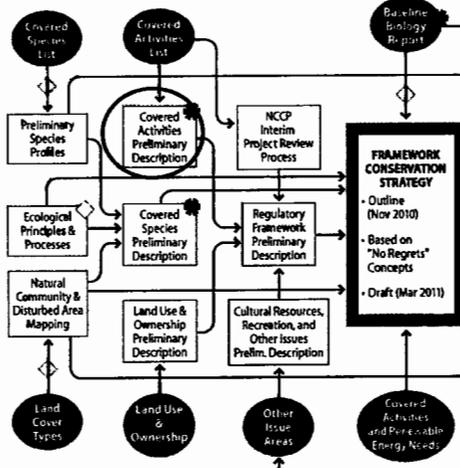
Covered Species Working Group support

Conservation

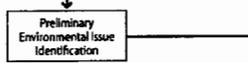
Upcoming Work Products

Covered Activities Preliminary Description

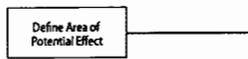
HCP/NCCP PROCESS



CEQA and NEPA PROCESS



NHPA SECTION 106 PROCESS

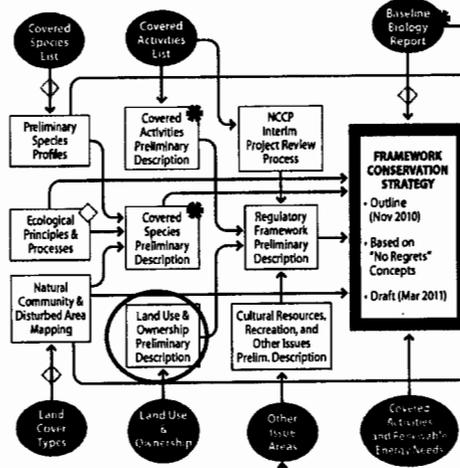


- Planning Agreement list reflecting ISA input
- Describe the types of projects and activities covered
- Develop Covered Activities components
- Integration of NHPA/acreage to meet RPS goals
- Developing and design efforts
- Covered Activities Working Group Support

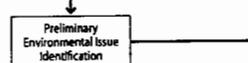
Upcoming Work Products

Land Use & Ownership Preliminary Description

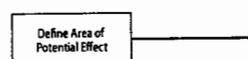
HCP/NCCP PROCESS



CEQA and NEPA PROCESS

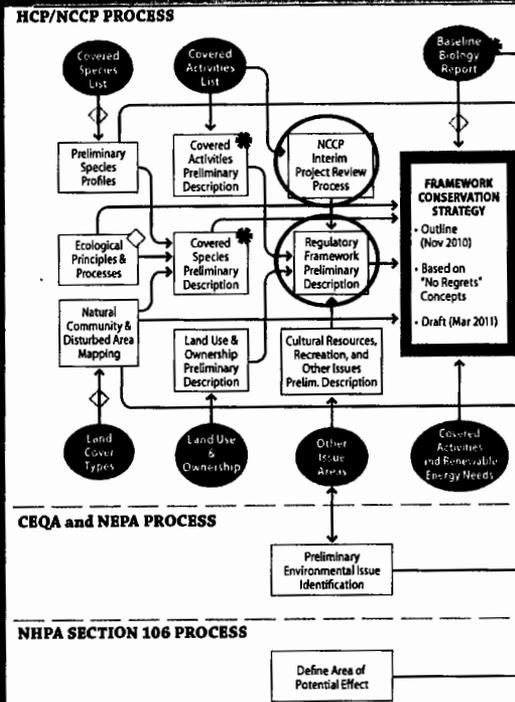


NHPA SECTION 106 PROCESS



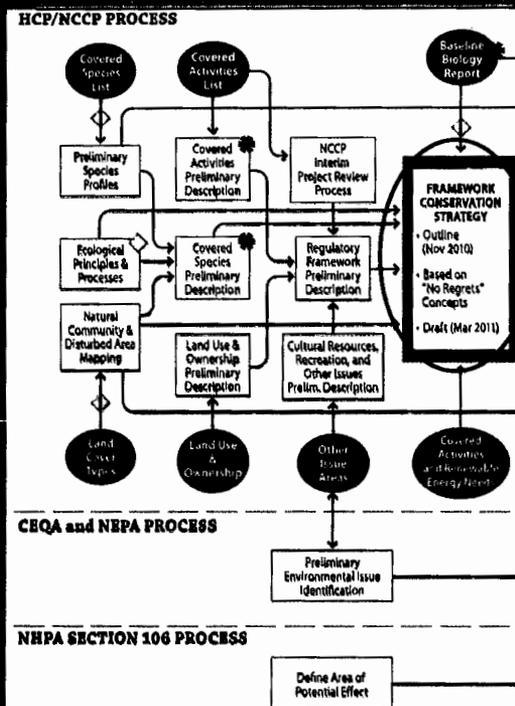
- Land use and ownership landscape
- Develop Covered Activities and RPS components
- Integration of NHPA/acreage to meet RPS goals
- Developing and design efforts
- Covered Activities Working Group Support

Upcoming Work Product: Regulatory Framework Preliminary Description



- Define agency roles
- Identify permit applicants
- Integrate NCCP interim project review process
- Determine relationship with other regulatory processes
- Ensure range of regulatory framework options

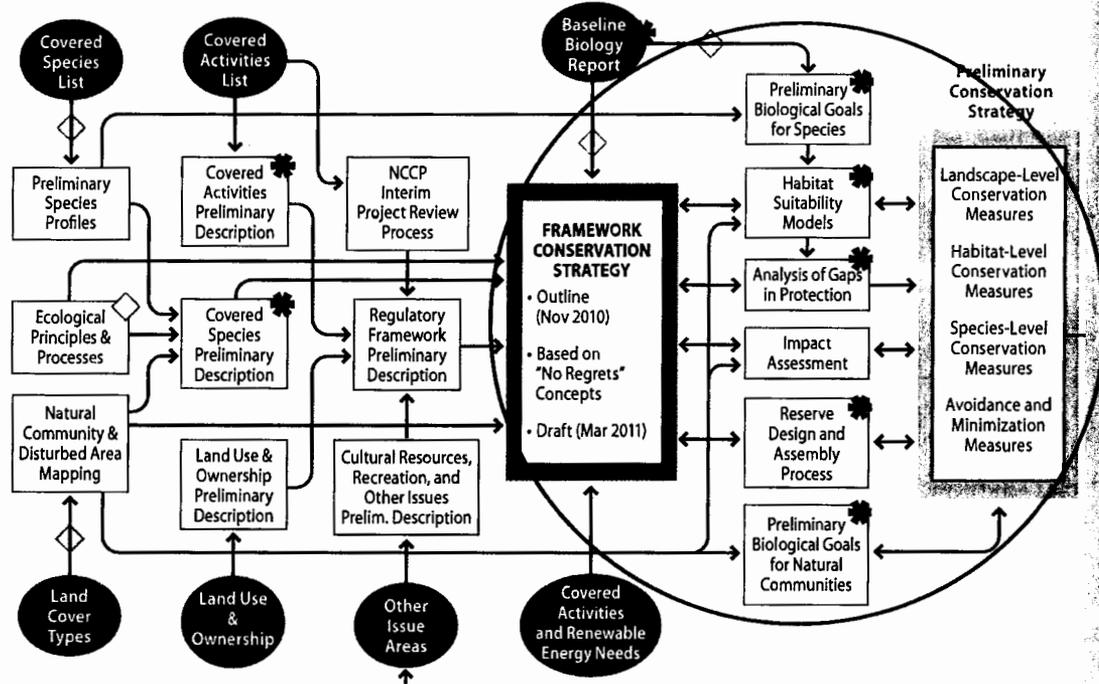
Upcoming Work Product: Framework Conservation Strategy



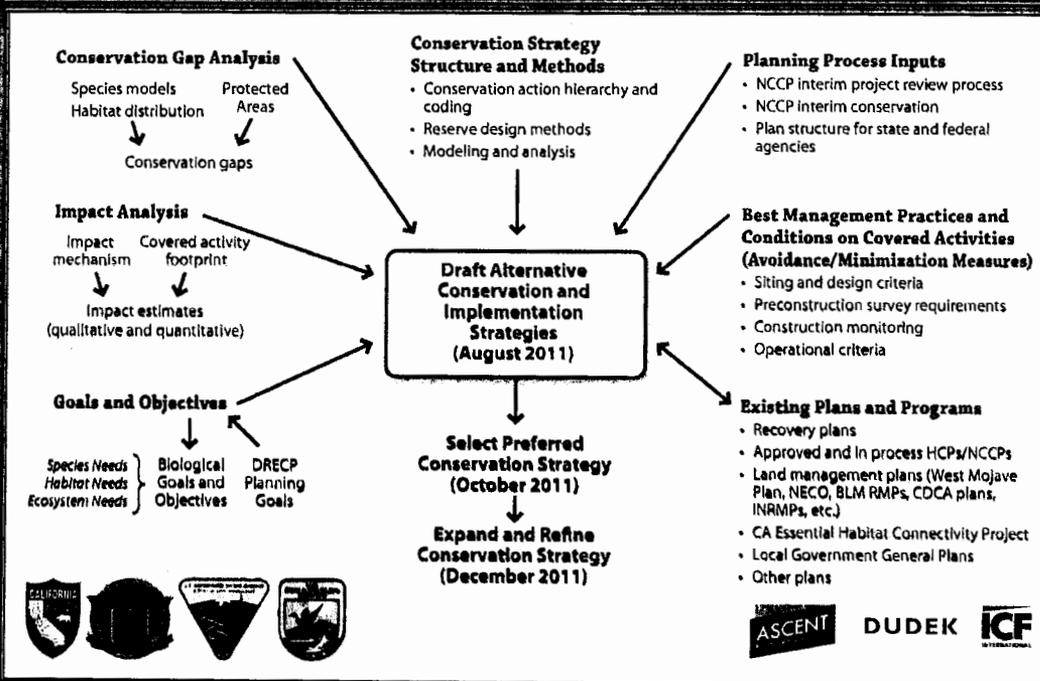
- Preliminary strategy based on precautionary and "no regrets" concepts
- Developed in close consultation with permittees
- Based on Biological Opinion based on Conservation Strategy

Upcoming Work Product: Conservation Strategy

HCP/NCCP PROCESS

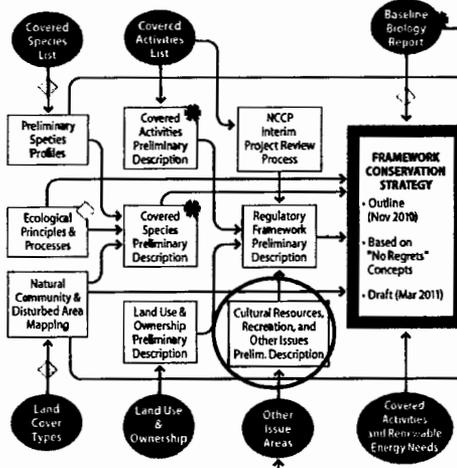


Process for Generalized Conservation and Implementation Strategies



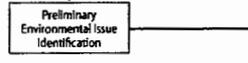
Upcoming Work Product: "Other" Issues Preliminary Description

HCP/NCCP PROCESS

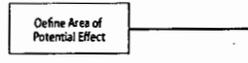


- Cultural resources
- Water resources
- Recreation/uses

CEQA and NEPA PROCESS

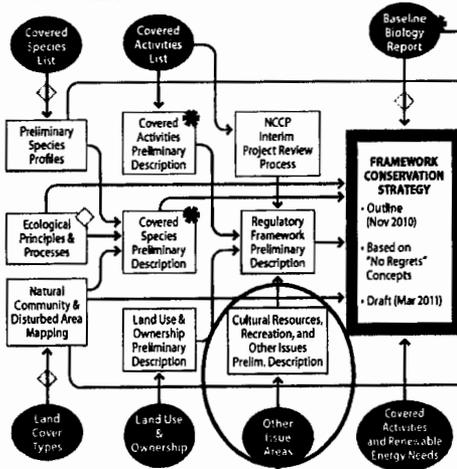


NHPA SECTION 106 PROCESS



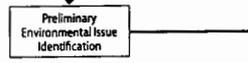
Integrated CEQA/NEPA Process

HCP/NCCP PROCESS

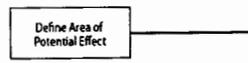


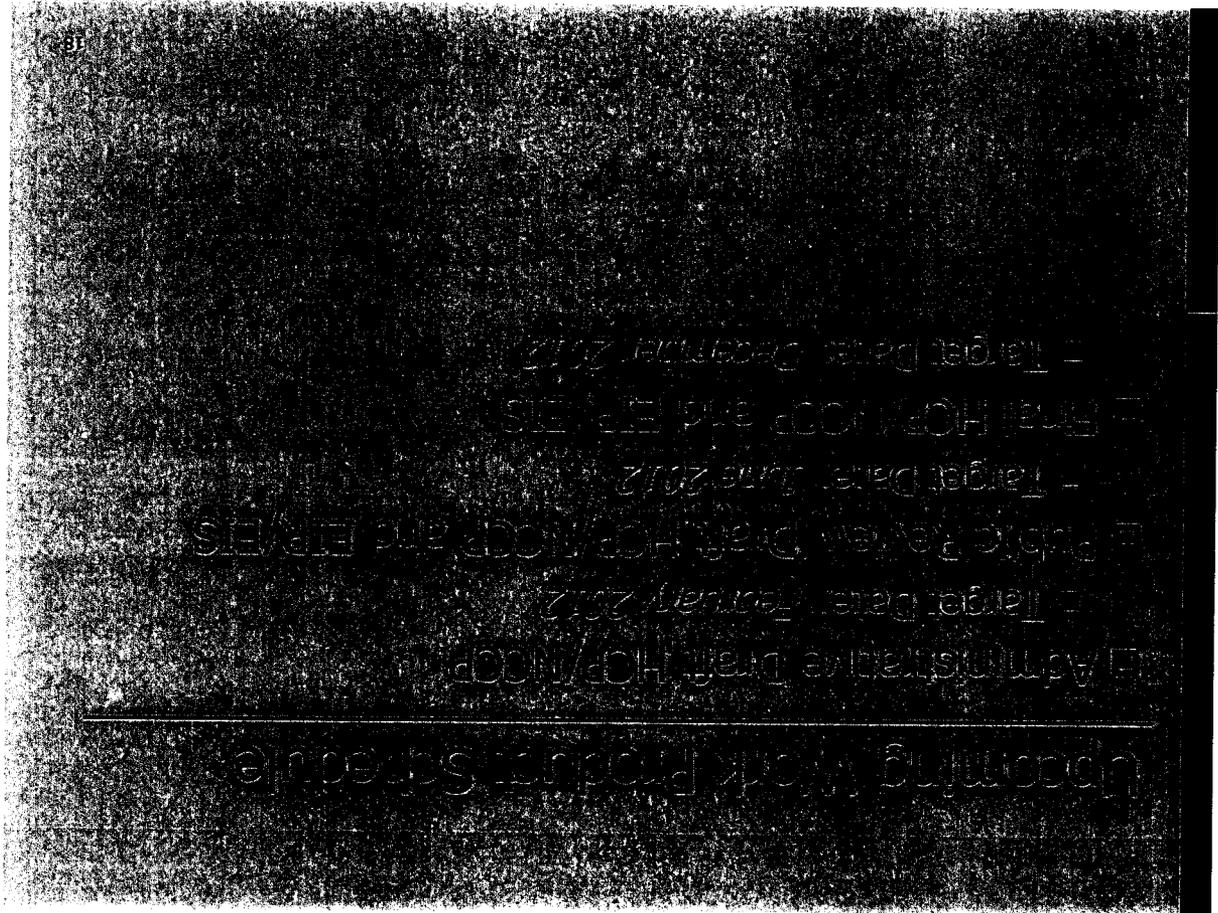
- Address "Other" Issues
- Gather information on potential cultural, water, and other issues
- Consider influences to Conservation Strategy Framework
- Integrate National Historic Preservation Act Section 106
- CEQA

CEQA and NEPA PROCESS

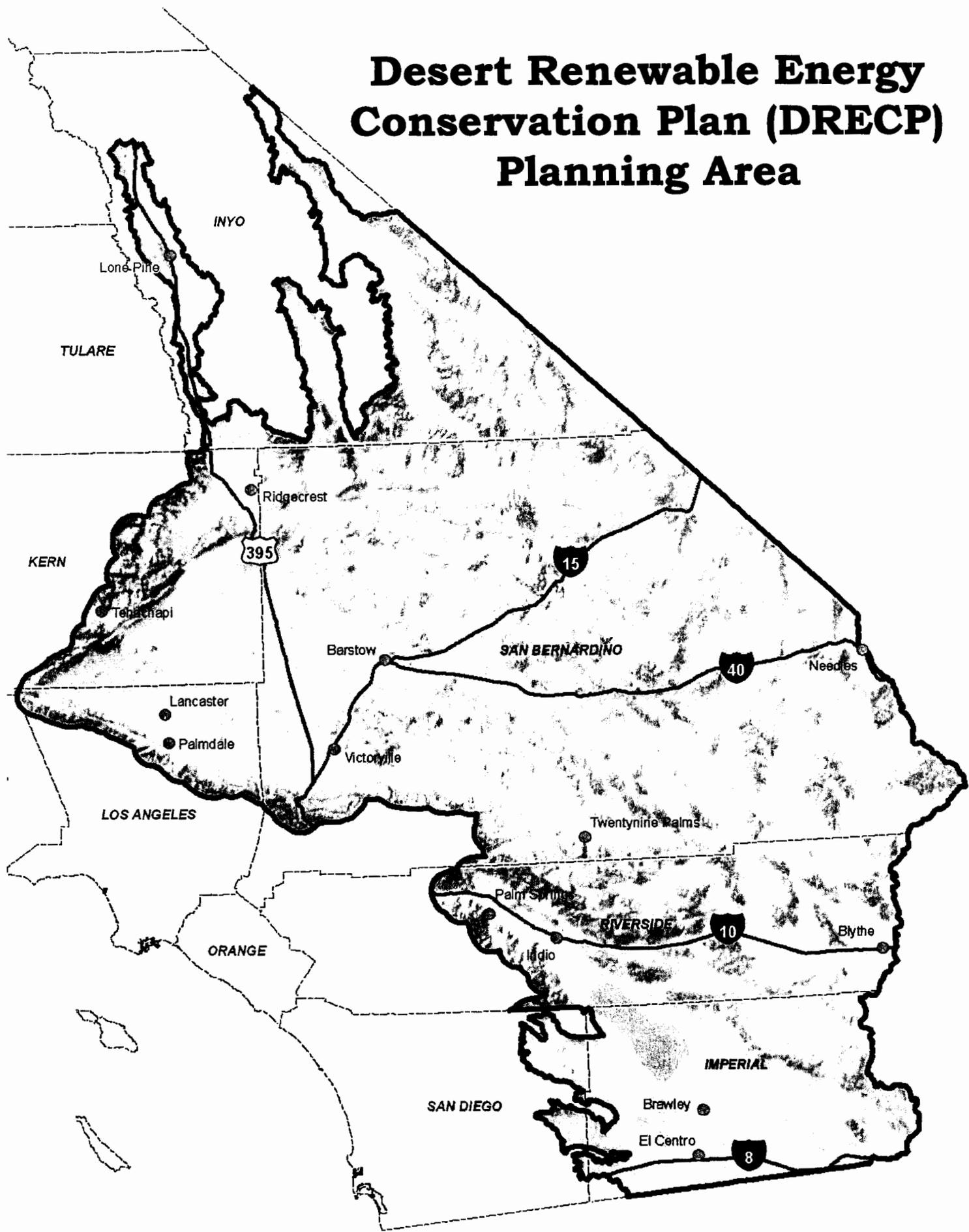


NHPA SECTION 106 PROCESS





Desert Renewable Energy Conservation Plan (DRECP) Planning Area



California Renewable Energy Summary Statistics as of August 2009

	Wind	Solar	Wind in Proposed Mojave National Monument	Solar in Proposed Mojave National Monument
Total applications	94	71	7	17
Total acres	815,252	613,612	113,757	116,160
Approximate MW	N/A	48,081	N/A	12,270

Proposed Mojave National Monument				
SOLAR				
Application Name	Serial Number	Commodity	Acres within MNM	
			Total Acres of Application	
1 Stirling Energy Solar Six	CACA 049540	Solar Energy Facilities	3,971	3,971
2 Stirling Energy Solar One, Phase 1	CACA 049539	Solar Energy Facilities	8	5,212
3 Stirling Energy Solar One, Phase 2	CACA 049537	Solar Energy Facilities	2	3,392
4 Pacific Solar Investments- Cadiz	CACA 049430	Solar Energy Facilities	13,037	13,373
5 Pacific Solar Investments- Cadiz East	CACA 049813	Solar Energy Facilities	12,833	12,833
6 PG&E Trilobite	CACA 049432	Solar Energy Facilities	5,313	5,313
7 Solar Investments VIII Mesquite Hills	CACA 048758	Solar Energy Facilities	5,120	5,120
8 Solar Investments I- Amboy	CACA 048760	Solar Energy Facilities	13,419	13,419
9 Boulevard Associates- Cadiz Lake	CACA 049008	Solar Energy Facilities	5,188	35,639
10 Boulevard Associates- Kellbaker Road	CACA 049431	Solar Energy Facilities	10,199	10,199
11 Boulevard Associates- Killbeck	CACA 049006	Solar Energy Facilities	5,692	12,046
12 Boulevard Associates- Mesquite	CACA 049004	Solar Energy Facilities	6,959	6,959
13 DPT Broadwell Lake	CACA 048875	Solar Energy Facilities	8,625	8,625
14 Solel, Inc.- Stedman	CACA 049424	Solar Energy Facilities	7,449	7,453
15 Solel, Inc.- Arrowhead	CACA 049423	Solar Energy Facilities	6,038	6,614
16 EnXco - Rasor Soleil	CACA 049586	Solar Energy Facilities	1,977	2,481
17 LightSource Renewables- Amboy	CACA 050552	Solar Energy Facilities	10,330	10,330
TOTAL			116,160	162,979
SOLAR				
Application Name	Serial Number	Commodity	Acres within MNM	
			Total Acres of Application	
1 Little Mountain Wind Power- Bristol Lake	CACA 050158	Wind Energy Facilities	6,142	14,809
2 Renewergy, LLC - Homer Mtn.	CACA 048664	Wind Energy Facilities	18,470	18,476
3 Renewergy, LLC - South Bristol Mtns.	CACA 048287	Wind Energy Facilities	7,556	7,556
4 Oak Creek Energy - Ludlow South	CACA 048667	Wind Energy Facilities	6,686	23,691
5 UPC Wind Prospects - Bristol Mtns.	CACA 047539	Wind Energy Facilities	14,022	14,022
6 Oak Creek Energy - Black Butte	CACA 048629	Wind Energy Facilities	35,049	35,736
7 Padoma Wind Power - Sacramento Mtns	CACA 049433	Wind Energy Facilities	25,832	25,832
TOTAL			113,757	140,122

Proposed Mojave National Monument			
Existing Conservation Areas			
			Acres within MNM
1	Wilderness		394,519
2	Areas of Critical Environmental Concern (ACEC)		615,967
3	Overlap of ACEC & Wilderness		95,480
	TOTAL Wilderness & ACEC (-overlap)		915,006
	TOTAL Proposed MNM		1,651,958

Solar

9/15/2009

Page 1

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
Central	Bakersfield	CACA 49467	Power Partners Southwest LLC, c/o enXco	10/24/2007	1,920	300	Solar: pending solar thermal	T30S, R 22E, Sec.s 2,4,10	Pending RMP completion
CDD	Barstow	CACA 47702	Stirling Energy Systems, Inc. Solar Three	11/15/06	6,779	914	Solar: pending solar thermal	Near Pisgah North of I-40 T's. 8, 9N., R5E	AFC & EIS pending with CEC as CEQA lead. Received completed amended application June 2007. Three separate projects. NOI Expected 12/08. Revised POD Received Oct 6, 2008.
CDD	Barstow	CACA 48563	Stirling Energy Systems, Inc. Pilot site	11/15/06	15	1	Solar: pending solar thermal	Near Pisgah North of I-40 T's. 8N., R5E, Sec 18	Application complete. Requested updated POD Feb 24, 2009
CDD	Barstow	CACA 48741	Solar Investments VI LLC (G-S)	1/18/07	6,400	800	Solar: pending solar thermal	(Baker) T. 14N., R.8E.	Application complete POD revision rec. 01/09. Issue w/WWcorrdor.
CDD	Barstow	CACA 48742	Solar Investments, Inc. (G-S)	1/18/07	9,600	1,000	Solar: pending solar thermal	(Silurian Valley) T16N, R8E	Application complete. original POD rec. but due to change in technology-PV is needed. New POD pending.
CDD	Barstow	CACA 48818	OptiSolar, Inc.	2/26/07	14,400	1,205	Solar: pending solar thermal	(Opal) T.2N, R9E &R10E	Rec'd cost recovery funds. w/in 29 Palms segregation area. Rec'd POD. Review of POD pending
CDD	Barstow	CACA 48819	OptiSolar, Inc.	2/26/07	15,280	1,000	Solar: pending solar thermal	(Desert Ruby) T3N, R5 & 6E; T4N, R5E	Rec'd cost recovery funds. w/in 29 Palms segregation area. Rec'd POD. Review of POD pending.
CDD	Barstow	CACA 48875	DPT Broadwell Lake LLC (Brightsource)	1/24/07	5,130	500	Solar: pending solar thermal	T'8N and 9N; R7E	Received cost recovery funds. Received POD.

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Barstow	CACA 48941	OptiSolar, Inc.	5/4/07	5,120	585	Solar: pending photovoltaic	(Desert Onyx) T11N, R3 & 4W	Received POD. POD review pending.
CDD	Barstow	CACA 49051	FPL Energy, LLC (Blvd Assoc)	4/24/07	7,680	1,200	Solar: pending solar thermal	(Salt Creek) South of Silurian Dry Lake, East of Fort Irwin T16N, R8E & T15N, R7E	Received cost recovery funds. Revision POD rec. New revision pending for original expanded area- affected by a wind grant due to expire in 12/09.
CDD	Barstow	CACA 49357	OptiSolar, Inc.	10/9/07	9,520	500	Solar: pending photovoltaic	(Jasper) T5N,R1E & T6N, R1W & T6N, R1W	Received POD. Need cost recovery. POD review pending.
CDD	Barstow	CACA 49361	OptiSolar, Inc.	10/9/07	17,920	500	Solar: pending photovoltaic	(Amber) T4N,R3, R4E &R5E	Cost Recovery needed. Rcvd POD; partially w/in 29 Palms segregation area
CDD	Barstow	CACA 49537	Stirling Energy Systems, Inc. Solar One Phase 2	3/14/07	3,207	350	Solar: pending solar thermal	T.8&9N., R.5&6E	AFC & EIS pending with CEC as CEQA lead. Received 03/2007 - subdivided project from original Solar One. Revised POD Received Oct 6, 2008. Area in Pisgah ACEC Relinquished. Rcvd cost recovery funds
CDD	Barstow	CACA 49539	Stirling Energy Systems, Inc. Solar One Phase 1	3/14/07	4,979	500	Solar: pending solar thermal	T.8&9N., R.6E	Received 3/2007 - subdivided project from original Solar One. Revised POD Received Oct 6, 2008.
CDD	Barstow	CACA 49540	Stirling Energy Systems, Inc. Solar Six	3/14/07	10,044	1,631	Solar: pending solar thermal	T.7&8N., R.7&8E	Received 3/2007 - subdivided project from original Solar One. Revised POD Received Oct 6, 2008.

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Barstow	CACA 49561	Chevron Energy Solutions Co.	12/7/07	367	40	Solar: pending photovoltaic	T4N R2E. Secs; 19,20	Application received POD revision pending. Received Oct 6, 2008.
CDD	Barstow	CACA 49584	Caithness Soda Mtn, LLC (former Solenergis)	12/18/07	1,664	350	Solar: pending photovoltaic	(Soda Mountain/Rasor) T12N, R7E & 8E	Application received. Detailed POD received 9/16/08. Revised POD req. due 3/09. Joint proj w/ SBCO
CDD	Barstow	CACA 49585	Power Partners Southwest (EnxCo)	12/27/07	3,840	1,000	Solar: pending solar thermal	(Troy Lake) T8N, R4E, T9N, R4E	Application received. Revised map. POD revision rec. inadequate from outline. Revised POD due 02/27/09
CDD	Barstow	CACA 49586	EnXco Development, Inc.	12/12/07	2,880	300	Solar thermal	South Rasor	appl. Rec'd; initial 2nd now moved to 1st by w/d, notification and POD letter sent 7/28/09
CDD	Barstow	CACA 49587	Bull Frog Green Energy LLC	12/20/07	8,999	300	Solar: pending photovoltaic	(Bristol-Barstow) T.9N,R7E, SBBM	Appl. Received. Revise app rec. 9/10/08. revised POD needed due by 3/2/09. Outline sent. Only portion 1st in line
CDD	Barstow	CACA 49588	Bull Frog Green Energy, LLC	12/20/07	11,523	300	Solar: pending photovoltaic	(Silver Mtn Vista) T7N, R3W, T6N, R4W & T8N, R4W	Application received. Revised App rec. 9/10/08. Revised POD needed. Due by 3/2/09. Outline sent.
CDD	Barstow	CACA 49811	NextLight Renewable Power LLC	3/24/08	7,750	500	Solar: pending photovoltaic	Ludlow 7N,7&8E	90-Day POD letter sent.
CDD	EI Centro	CACA 47740	Stirling Energy Systems, Inc. (SES) Solar Two LLC	1/16/06	7,000	750	Solar: pending solar thermal	Imperial County T16S Rgs. 10 and 11E	Joint EIS/IER with CEC as CEQA lead. AFC filed with CEC June 30, 2008. AFC/POD determined adequate under minimal criteria. NOI published 10/17/2008. Currently in discovery phase during which BLM/CPUC are requesting add'l info needed to initiate PSA/DEIS.

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	El Centro	CACA 49150	SunPeak Solar	7/17/07	5,587	500	Solar: pending photovoltaic	Imperial County T13S, R12E	Received cost recovery funds. Received POD.
CDD	El Centro	CACA 49613	OptiSolar, Inc.	12/3/07	2,560	500	Solar: pending photovoltaic	Imperial County T13S, R9E; T12S, R9E	Inadequate POD submitted with application. Acreage needs to be refined. Working w/ applicant to identify issues. Cost Recovery and POD ltr sent to applicant on 7/30/08. Funds rcvd.
CDD	El Centro	CACA 49615	Pacific Solar Investments, Inc. (Iberdrola)	9/5/07	28,000	1,500	Solar: pending solar thermal	Imperial County Ts 14S & 15 S, Rs.19 & 20 E	Inadequate POD submitted with application. Acreage needs to be refined. Working w/applicant to identify issues. POD ltr sent to applicant 7/31/08. Cost recovery funds rec'd.
CDD	El Centro	CACA 49884	SolarReserve, LLC	4/24/08	4,000	120	Solar: pending solar thermal	Imperial County T16S, R17E, Sec 21, 22, 23, 26, 27, 28, 33, 34, 35	Received cost recovery funds. Received POD.
CDD	El Centro	CACA 50013	Power Partners Southwest LLC, c/o enXco	4/7/08	540	300	Solar: pending solar thermal	Imperial County T. 10 S., R. 14 E, sec.22, 26.	Partial rejection Sec 22 overlaps geothermal apln. Received cost recovery funds. Received POD.
CDD	El Centro	CACA 50113	Sempra Generation	7/21/08	11,000	500	Solar: pending photovoltaic	Imperial County T11/12S, R15/16E.	POD ltr sent. MOU for cost recovery rcvd; 2 secs BOR withdrawn lands. MOU signed. Received POD.
CDD	El Centro	CACA 50174	LightSource Renewables LLC	8/11/08	3,020	400	Solar: pending solar thermal	Imperial County T16/17S, R17/18 E., South of I-8, North of State Hwy 98.	Cost recovery funds rcvd. Received POD.

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Needles	CACA 48668	Solar Partners Ivanpah SEGS (DPT Ivanpah LLC)	11/17/06	6,720	400	Solar: pending solar thermal	Ivanpah, S of the CA/NV line T16N/R14E, T17N/R14E	CACA 49502, 49503, 49504 Modified application twice to increase acreage. Draft EIS expected Spring 2009; PSA due out 12/15/08
CDD	Needles	CACA 48669	OptiSolar, Inc.	12/14/06	4,160	380	Solar: pending photovoltaic	Ivanpah Valley T17N/R14E	POD letter sent 7/31/08. POD Rcv'd 9-30-08.
CDD	Needles	CACA 48758	Cogentrix/Solar Investments VIII LLC	1/18/07	8,000	320	Solar: pending solar thermal	Mesquite Hills T16N/R8E, T11N/R17E	Had pre-filing meeting with CEC 1/14/09.
CDD	Needles	CACA 48760	Cogentrix/Solar Investments I LLC	12/20/06	10,880	1,000	Solar: pending solar thermal	Amboy T6N/R11E, T7N/R11E	POD letter sent 7/23/08. Draft POD Rcv'd 9-26-08.
CDD	Needles	CACA 49002	Leopold Companies, Inc.	4/2/07	37,120	4,100	Solar: pending solar thermal	Ward Valley T1S/R19E, T1N/R19E, T2N/R19E, T1N/R20E, T2N/R20E	POD Reviewed
CDD	Needles	CACA 49004	Boulevard Associates, LLC	5/14/07	7,200	1,000	Solar: pending solar thermal	Mesquite Hills T10N/R8E, T11N/R8E, T11N/R9E	Proffer Established. POD letter sent; letter for POD follow up being sent 11/21/08
CDD	Needles	CACA 49006	Boulevard Associates, LLC	5/14/07	12,160	1,000	Solar: pending solar thermal	Killbeck T2N/R16E, T3N/R16E, T2N/R7E	Proffer Established. POD reviewed.

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Needles	CACA 49008	Boulevard Associates, LLC	5/14/07	35,200	1,000	Solar: pending solar thermal	Cadiz lake T1N/R15E, T2N/R15E, T1N/R16E, T1S/R16E, T2N/R16E	Proffer Established. POD reviewed.
CDD	Needles	CACA 49424	Solel, Inc.	7/23/07	14,080	600	Solar: pending solar thermal	Stedman T6N/R9E, T6N/R10E, T6N/R11E	Proffer Established. POD reviewed.
CDD	Needles	CACA 49430	Iberdrola Renewables	9/20/07	14,720		Solar: pending solar thermal	Cadiz Lake T4N/R14E, T18N/R14E	POD reviewed by FO. Temporary solar test site approved through until Sept 15, 2010 (mil seg expiration).
CDD	Needles	CACA 49431	Boulevard Associates, LLC	9/21/07	9,600	1,000	Solar: pending solar thermal	Kellbaker Rd./ Amboy T6N/R12E, T7N/R12E, T6N/R13E	Received cost recovery funds. Reviewed POD.
CDD	Needles	CACA 49432	PG&E	9/24/07	5,120	800	Solar: pending other/ unknown technology	Cadiz/ Trilobite T5N/R13E, T5N/R14E	Received cost recovery funds. Received POD. POD to be sent to NFO Contractors. Completing aerial topo mapping; initiating bio, cult surveys.
CDD	Needles	CACA 49813	Iberdrola Renewables	4/1/08	12,720	1,000	Solar: pending solar thermal	Cadiz-East T4N/R15E, T4N/R16E	Solar testing approved through 9/15/2010 (expiration of mil seg). POD reviewed by FO.
CDD	Needles	CACA 50116	Ewind Farm, Inc.	5/26/08	13,240	900	Solar: pending other/ unknown technology	Iron Mountain, Clean Air Solar II T1N/R17E, T1N/R18E, T1N/R19E	Sent Cost Recovery Agreement 4/6/2009.
CDD	Needles	CACA 50117	Ewind Farm, Inc.	5/27/08	21,440	1,700	Solar: pending other/ unknown technology	Iron Mountain, Clean Air Solar III T1N/R17E, T1N/R18E, T1S/R17E, T1S/R18E	Sent Cost Recovery Agreement 4/6/2009.

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Needles	CACA 50504	Ausra	11/17/08			Solar: pending solar thermal	Danby Lake	Received
CDD	Needles	CACA 50506	Ausra	11/18/08	16,000		Solar: pending solar thermal	Danby Lake	Received
CDD	Needles	CACA 50552	LightSource Renewables LLC	12/19/08	10,440	500	Solar: pending solar thermal	Amboy T6N/R12E, T5N/R12E	No cost recovery received. Working to resolve non-payment.
CDD	Palm Springs	CACA 48649	OptiSolar, Inc. (Desert Sunlight)	11/7/06	7,040	350	Solar: pending photovoltaic	Desert Center Area	Received cost recovery funds. Received POD.
CDD	Palm Springs	CACA 48728	Florida Power & Light	1/31/07	7,773	250	Solar: pending solar thermal	Blythe Area, Eastern Riverside County	Received cost recovery funds. Received POD. ROW issued for monitoring, water well drilling.
CDD	Palm Springs	CACA 48808	Chuckwalla Solar LLC	9/14/06	4,098	200	Solar: pending photovoltaic	Desert Center area I	Received cost recovery funds. NOI being sent out (for publication) in Federal Register 11/9/07
CDD	Palm Springs	CACA 48810	Chevron Energy Solutions Co. #2	2/15/07	3,119	100	Solar: pending solar thermal	Desert Center area in Eastern RIVCO	Received cost recovery funds. Received POD.
CDD	Palm Springs	CACA 48811	Chevron Energy Solutions Co. #1	2/15/07	3,119	100	Solar: pending solar thermal	Blythe area in Eastern RIVCO	Received cost recovery funds. Received POD.
CDD	Palm Springs	CACA 48880	Next Era	1/31/07	4,491	250	Solar: pending solar thermal	Blythe Area, Eastern Riverside County	No cost recovery funds. Waiting POD

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Palm Springs	CACA 49097	Bullfrog Green Energy, LLC	6/13/07	6,629	2,500	Solar: pending photovoltaic	Blythe Ca area S. of I-10 in Eastern RIVCO	Received cost recovery funds. Received POD.
CDD	Palm Springs	CACA 49098	OTB Power Holdings, Inc.	6/13/07	8,742	1,000	Solar: pending photovoltaic	Blythe Ca area S. of I-10 in Eastern RIVCO	No cost recovery funds. Waiting POD
CDD	Palm Springs	CACA 49397	OptiSolar, Inc. (Quartzite)	9/28/07	3,840	600	Solar: pending photovoltaic	Blythe area in Eastern RIVCO	Proffer Established. Received POD.
CDD	Palm Springs	CACA 49486	Solar Millennium, LLC	10/22/07	2,753	500	Solar: pending solar thermal	Blythe area in Eastern RIVCO	No cost recovery funds received. Waiting POD
CDD	Palm Springs	CACA 49488	EnXco Development, Inc.	11/13/07	2,070	300	Solar: pending solar thermal	Blythe area in Eastern RIVCO	Proffer Established. Received POD.
CDD	Palm Springs	CACA 49489	EnXco Development, Inc.	11/13/07	11,603	300	Solar: pending solar thermal	Blythe area in Eastern RIVCO	Proffer Established. Received POD.
CDD	Palm Springs	CACA 49490	EnXco Development, Inc.	11/13/07	12,879	300	Solar: pending solar thermal	Blythe area in Eastern RIVCO	Proffer Established. Received POD.
CDD	Palm Springs	CACA 49491	EnXco Development, Inc.	11/13/07	1,071	300	Solar: pending solar thermal	Blythe area in Eastern RIVCO	Proffer Established. Received POD.
CDD	Palm Springs	CACA 49493	Solel Inc.	11/7/07	8,775	500	Solar: pending solar thermal	Desert Center N. on Hwy 177 in Eastern RIVCO	Received cost recovery funds. Received POD.

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Palm Springs	CACA 49494	Solel Inc.	11/7/04	7,511	500	Solar: pending solar thermal	Desert Center N. on Hwy 177 in Eastern RIVCO	Received cost recovery funds. Received POD.
CDD	Palm Springs	CACA 49702	Bull Frog Green Energy, LLC	1/4/08	22,912	2,500	Solar: pending photovoltaic	Blythe Ca area S. of I-10 in Eastern RIVCO	Received cost recovery funds. Received POD.
CDD	Palm Springs	CACA 50379	Lightsource Renewables, LLC	8/8/08	7,920	550	Solar: pending solar thermal	Blythe Ca area S. of I-10 in Eastern RIVCO	Cost recovery agreement and MOU sent 11/14/08
CDD	Ridgecrest	CACA 48820	Opti-solar, Inc.	2/13/07	5,760	745	Solar: pending photovoltaic	Mojave area near Hwy. 14 below Pin Tree Canyon, N. of Hwy. 58	No cost recovery received. Received POD.
CDD	Ridgecrest	CACA 49016	Solar Millennium, LLC	3/23/07	11,000	745	Solar: pending solar thermal	Near Ridgecrest City Limits off of Brown Rd. Hwy 395	Received cost recovery funds. Received POD.
CDD	Ridgecrest	CACA 49017	Opti-solar, Inc.	4/3/07	6,600	745	Solar: pending photovoltaic	On the W side of Hwy 395 near Kramer Junction in the proximity of the current solar power plant development and the former Federal penitentiary.	Recd cost recovery funds. Letter sent to OptiSolar re: re-established application (11/13/08)

District	Field Office	Serial Number	Applicant	Date Application Received	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Ridgecrest	CACA 49511	Opti-solar, Inc.	11/28/07	7,183	600	Solar: pending photovoltaic	On the E side of Ridgecrest along the boundary of China Lake Naval Weapons Center through Poison Canyon in the Hwy 178 corridor to Trona	Recd cost recovery funds. Letter sent to OptiSolar re: re-established application (11/13/08)
CDD	Ridgecrest	CACA 49960	Corum Solar Array LLC	5/5/08	1,200	100	Solar: pending photovoltaic	Along Edwards AFB northern border below Hwy 58, within Kern County	Application just filed; POD not filed yet; Interconnect Study near completion; near SCE powerlines and substation.
		Total Apps		Total Acres	613,612	48,081			

Wind

9/15/2009

Page 1

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
Northern	Alturas	CACA 48119	Invenergy LLC	4/28/2006 11/7/2006	2,888		Wind: testing	Modoc County T4N, Rgs. 12 & 13E	AUTHORIZED; expires 12/2009
Northern	Alturas	CACA 49707	Greenraven Wind LLC	2/8/08	17,000		Wind: pending for testing	T34N, T35N, R13-15E	originally Eagle Lake - IBLA rejected cost recovery appeal. Awaiting cost recovery funds and agreement.
Northern	Alturas	CACA 50531	Padoma Wind Power, NRG Inc. (West)	9/23/2008	31,866		Wind: pending for testing	Arrowhead - Tule Mtn. Area T36N-38N, R11E-14E	Cost recovery rec'd. Sent letter 7/09 re: need to do field studies before end of summer
Northern	Alturas	CACA 50532	Padoma Wind Power, NRG Inc. (East)	9/5/2008	44,614		Wind: pending for testing	Cold Springs T35N-37N, R14E-17E	Cost recovery rec'd; area in ELFO, Surprise and Alturas. Alturas is lead FO. Sent letter re: field studies by end of summer
Northern	Alturas	CACA 50560	Third Planet Windpower	7/25/08	13,383		Wind: pending for testing	B/t S Knobb & Likely Mtns T36N - 38N, R10-13E	Cost recovery rec'd. Sent letter 7/09 regarding need to do field studies before end of summer
Northern	Alturas	CACA 51042	E-On (Airtricity)	10/2/07	27,995		Wind: pending for testing	Modoc County, Madeline Peaks	PENDING; submitting revised application by 8/25/09 with fewer acres; met locations
Northern	Alturas	CACA	Wind Power Partners LLC	4/23/07	3,358		Wind: pending for testing	Big Tableland Tps. 46&47N, R2E	PENDING; contacted applicant for more information; letter returned
Central	Bakersfield	CACA 49112	AES Seawest Inc.	4/20/07	200		Wind: pending for testing	Kern County T31S, Rgs. 33,34,35E	Pending - Lands in both Ridgecrest and Bako FOs, BFO IS LEAD OFFICE
CDD	Barstow	CACA 43088	AES Seawest, Inc.	6/20/2001 12/2004	4,231		Wind: testing	Daggett Ridges T8N, R1E & 1W T9N, R1W	ROW testing issued. Expired 12/07. Renewal filed w/POD. Within DWMA Ord/Rodman, Monkey Flower ACEC.
CDD	Barstow	CACA 44975	Granite Wind LLC	11/18/2002 10/8/2003	1,968		Wind: testing	Granite Mtns T6N, R1 & 2W	ROW Amendment - 3yr extension for met study while POD (CACA 48254) is analysed & avian studies are conducted, expires 12/2010

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Barstow	CACA 45097	BP Alternative Energy	1/8/2003 9/29/2003	2,442		Wind: testing	Sidewinder Mtn T6N, R2W	ROW testing renewed w/POD - expires 12/10 see CACA-48658
CDD	Barstow	CACA 46803	Horizon Wind Energy	12/17/2004 2/9/2006	4,479		Wind: testing	Daggett T9N, R1W & 1E	ROW testing issued. Expires 12/09; requested to amend w/in DWMA. Rcvd cost recovery funds
CDD	Barstow	CACA 46804	Horizon Wind Energy	12/17/2004 2/9/2006	27,808		Wind: testing	Calico Mtns. T10N, R1&2E Private & public	ROW testing issued. Expires 12/09; requested to amend w/in DWMA. Rcvd cost recovery funds
CDD	Barstow	CACA 46805	Horizon Wind Energy	12/17/2004 2/9/2006	10,073		Wind: testing	Iron Mountain T8N, R3&4W	ROW testing issued. Expires 12/09; requested to amend w/in DWMA. Rcvd cost recovery funds
CDD	Barstow	CACA 46844	Horizon Wind Energy	12/22/2004 2/9/2006	720		Wind: testing	Waterman Hills T10N, R2W	ROW testing issued. Expires 12/09; requested to amend w/in DWMA. Rcvd cost recovery funds
CDD	Barstow	CACA 46881	AES Wind Generation, Inc.	3/5/2005 8/26/2005 12/31/2011	2,929		Wind: testing	Sand Ridge	Grant expires 8/08. Amendment to add METs filed. DWMA- Ord/Rodman, raptors, high tortoise concentration. Within Monkey Flower ACEC.
CDD	Barstow	CACA 47043	FPL Energy	3/8/2005	2,449		Wind: testing	West Fry Mtns. T5N, R2E	ROW testing issued. Expired 12/08. Renewal filed with POD. Pending decision: Partial w/in 29 Palms segregation; letter sent re: segregation. Response rec.
CDD	Barstow	CACA 47453	(Iberdrola) Pacific Wind Development LLC	8/17/2005 2/22/2006	5,258		Wind: testing	Waterman Hills T10N, R1&2W	ROW testing issued. Amendment approved 5/08 add met. Expires 12/09. Holder req. relinquishment -12/08-pending rehab, acceptance & case file closure
CDD	Barstow	CACA 47454	Pacific Wind Development LLC (Iberdrola)	8/17/2005 2/22/2006	2,749		Wind: testing	Elephant Mtns. R9N, R1W & 1E	ROW testing issued. Amendment approved- add 1 met. Expires 12/09

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Barstow	CACA 47455	Pacific Wind Development LLC (Iberdrola)	8/17/2005 2/22/2006	6,623		Wind: testing	Silurian Hills T15N, R8E T16N, R8E	ROW testing issued. Expires 12/09 Amendment approved- add 1 met.
CDD	Barstow	CACA 48254	Sierra Renewables/Granite Wind LLC	12/16/06	1,968	74	Wind: developing	T5N; R10W & T5N, R20W	POD for CA 44975 received w/transmission. Cost recovery est. EIS underway- DEIS June 2009. Proposed 28 turbines in eastern Granite Mtns
CDD	Barstow	CACA 48472	Power Parters SW (enXco)	10/10/06	10,240	2	Wind: pending for testing	Troy Lake T9N&10N, R4E	Application revision: Met locations & access. Revised Draft EA rec'd 1/07, review underway. Cost recovery estab. Advised appl. pending decision on EA.
CDD	Barstow	CACA 48629	Oak Creek Energy	12/1/2006	17,290		Wind: pending for testing	Black Lava T2N, R5E, T1N, R5E	Cost recovery finalized for met towers 08/12/08; partial w/in ACEC. Meeting 01/2008: advised applicant of ACEC issues. Provided options outside of ACEC for met towers to collect data. No response from applicant on options. Status letter sent 5/09
CDD	Barstow	CACA 48658	BP Alternative Energy (Orion)	12/15/06	2,442	40-54	Wind: developing	Sidewinder T8N, R6 & 7E	Revised POD received. Cost recovery estb. Intital pre-NEPA mtg 9/2008. Revised POD rec. 02/09. EIS req. POD revisions needed- grid tie-in clarification. Awaiting SCE SIS June 2009
CDD	Barstow	CACA 48689	Renewergy, LLC	1/9/07	3,920		Wind: pending for testing	Black Lava Butte; T1N,R5E; T2N,R5E	Application complete. Surveys and EA in progress. Revision of access pending.
CDD	Barstow	CACA 48902	West Fry Wind, LLC (FPL Energy)	3/29/07	3,248	34	Wind: developing	West Fry Mtns. T5N, R2E	POD for CACA-47043. NOI posted 5/08. Consultant selected. Initial scope done. Draft EIS in process. W/in 29 palms segregation. On HOLD

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Barstow	CACA 49052	Alta Gas (GreenWing Energy)	5/24/07	9,546		Wind: pending for testing	West Fry Mtns. T5N, R2E	Application complete. EA may be required. Cost recovery est. Biological & cultural surveys pending. Project area under revision
CDD	Barstow	CACA 49053	Alta Gas (GreenWing Energy)	5/24/07	8,553		Wind: pending for testing	Mojave Valley between I-15 and I-40, east of Barstow Ghost Town T10N, R1E	Application complete. EA may be required. Cost recovery est. Biological & cultural surveys pending. Project area under revision.
CDD	Barstow	CACA 49202	Verde Resources, Inc (Western Wind).	6/7/2007 4/2009	3,295		Wind: testing	N Stoddard Valley; T9N R1W & 2W	EA approved. Grant Offered. Grant Authorized April 2009
CDD	Barstow	CACA 49204	Horizon Wind Energy	7/19/2007	20,811		Wind: pending for testing	Stoddard/ Daggett	Initial application complete. EA required. Cost recovery set up. Maps & met locations w/access rec'd 11/2007. Biological & cultural surveys underway. Awaiting draft EA; w/in DWMA
CDD	Barstow	CACA 49255	EC&R West LLC (Airticity, Inc.)	8/15/2007	14,080		Wind: pending for testing	North Peak	Appl. Complete. Revised EA received. Under revisions- will post for public comment period. Cost recovery estb. Near Juniper Flats ACEC/USFS SBF
CDD	Barstow	CACA 49575	AES Wind Generation, Inc.	12/6/2007	2,930	84	Wind: developing	Dagget Ridge Barstow T8N, R1E, R1W	App. Received. Draft POD received. New revised POD pending late April '09 - w/DWMA, cultural issues, raptors. On Hold.
CDD	Barstow	CACA 50032	Debenham Energy.	6/16/2008	1,508		Wind: pending for testing	Ryan	Scoped, Cat VI fee determination. MET to be placed on private lands. Reserve public lands for project area. NEPA pending.
CDD	Barstow	CACA 50711	Padoma Wind Power	3/17/2009	10,000		Wind Testing	Pinto Mtns	Application on hold pending revision. Initial lands w/in new Pinto Mtn Wilderness (Omnibus Lands).

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Barstow	CACA 50712	Padoma Wind Power	3/17/2009	15,220		Wind Testing	Flat Top	Initial scope. Fee determination pending. Two mets. Potential EA or CX pending survey reviews.
Central	Bishop	CACA 50218	Padoma Wind Power, NRG Inc.	8/19/2008	11,600		Wind: pending for testing	Black Lake Project 45 sq miles centered at Black Lake	Cultural inventory done. Cost recovery completed (cat VI). Asking for more information on access points.
Central	Bishop	CACA 50573	Ewind	1/17/2009	12,000		Wind: pending for testing	Mono County, South of Granite Mtn.	Sage grouse and WSA issues in initial app, modified app received. 3 mets proposed. Pending.
Northern	Eagle Lake	CACA 47238	Horizon Wind Energy	5/31/2005 5/19/2006	2,222		Wind: testing	Lassen County Antelope Mtn. T3N, 12&13E	AUTHORIZED; expires 12/2009
Northern	Eagle Lake	CACA 47239	Horizon Wind Energy	4/5/2005 11/17/2006	5,497		Wind: testing	Lassen & Plumas Co.s Beckwourth Pass T22N, R16E	AUTHORIZED; expires 12/2009
Northern	Eagle Lake	CACA 47240	Horizon Wind Energy	4/5/2006 6/7/2006	2,560		Wind: testing	Lassen County Observation Mtns.T24N, R16	AUTHORIZED; expires 12/2009
Northern	Eagle Lake	CACA 47241	Horizon Wind Energy	5/31/2005 5/30/2006	3,837		Wind: testing	Lassen County Snowstorm Mtn. T32N, 14&15E	AUTHORIZED; expires 12/2009
Northern	Eagle Lake	CACA 47957	Distribution Generation Systems	2/23/2006 11/01/2006	5,542		Wind: testing	Lassen County Snowstorm West T34N, R13E; T33&34N R14E	AUTHORIZED; expires 12/2009
Northern	Eagle Lake	CACA 48696	Invenergy LLC	11/7/2006 4/30/2007	93,919		Wind: testing	Lassen County Horse Lake Mtn. T33&34N, R11E T31&34N, R12E T31&34, R13E; T33&34N, R14E	AUTHORIZED: some met towers in type II, type I has 6 additional met towers; expires 12/2010

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
Northern	Eagle Lake	CACA 48927	Horizon Wind Energy	12/24/2006 10/18/2007	3		Wind: testing	Lassen County Horse Lake Mtn. T33&34N, R11E T31&34N, R12E T31&34, R13E; T33&34N, R14E	AUTHORIZED; expires 12/2010
Northern	Eagle Lake	CACA 49765	BP Wind Energy North America	3/21/2008 6/10/2009	5,937		Wind: testing	Lassen County Spanish Springs Pk Area T33N, R15E	Original ROW 45025 (Orion) - expired; AUTHORIZED; expires 12/2012
Northern	Eagle Lake	CACA 50682	Sacramento Municipal Utility District	1/22/09	5,542	125	Wind: developing	Lassen County Snowstorm West T34N, R13E; T33&34N R14E	PENDING: cost recovery and review to be initiated spring 2009; POD for CACA 47957
Northern	Eagle Lake	CACA 50714	Debenham Energy, LLC	1/27/09	550		Wind: pending for testing	T26N, R16E sections 30&32	PENDING: 3 met towers
Northern	Eagle Lake	CACA 50884	Invenenergy LLC (Lassen Wind Generation LLC)	4/6/2005 9/16/2005 11/2008	12,604		Wind: testing	Lassen County Shaffer Mtn. T29&30N, R14E T29&30N, R15E T29N, R16E	ROW for testing filed; awaiting review.
CDD	Ei Centro	CACA 45248	Pacific Wind (Iberdrola)	4/3/2003 9/15/2004	16,355		Wind: testing	McCain Valley, Eastern SD Cnty	ROW issued 9/15/04. Renewed 3 yrs 1/08 with submission of POD. 7/08 submitted apln to install add'l MET towers. Applicant advised that they must prepare EA. 08/08 relinquished 1262.62 acs.
CDD	Ei Centro	CACA 47518	GreenHunter Wind Energy	9/1/05	6,280		Wind: testing	Ocotillo W. Imperial County T16S/R9E T16S/R10E	FONSI and Decision Record Posted on website. Testing & monitoring ROW issued 2/3/09.

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	El Centro	CACA 47751	Renewergy, LLC	12/26/2005 1/23/2007	11,187		Wind: testing	Eastern Imperial County T12S/R20E T13S/R20E	Testing & monitoring ROW issued 1/2007; 1 met tower installed. ROW expires 12/31/2010.
CDD	El Centro	CACA 48004	Renewergy, LLC	4/26/06	3,219		Wind: pending for testing	Ocotillo, Western Imperial County T16S/R10E	EA nearing completion pending Native American consultation; Cultural lit search started
CDD	El Centro	CACA 48272	Imperial Wind	7/28/06	1,960		Wind: pending for testing	Black Mountain Eastern Imperial County T12S/R20E T13S/R20E	Pending NEPA (DNA) and Native American consultation, as required by SHPO. (ROW (expired) previously authorized to another party for which EA was completed. Waiting Cultural Literature search.
CDD	El Centro	CACA 49698	Pacific Wind (Iberdrola)	12/26/07	9,000	200	Wind: developing	McCain Valley, Eastern SD Cnty	Cost recovery & POD ltr pending release of ROD for Eastern SD County RMP. Submitting modified POD by 1/1/09
CDD	El Centro	CACA 50635	National Quarries LLC	10/14/2008			Wind testing & monitoring	Eastern San Diego County. T14S/R5E	Serial number assigned/cost recovery decision sent 3/2/09. Processing fee & cost reimbursement agreement rcvd 3/24/2009.
CDD	El Centro	CACA 50636	National Quarries LLC	10/14/2008			Wind testing & monitoring	Eastern San Diego County. T13S/R4E	Serial number assigned/cost recovery decision sent 3/2/09. Processing fee & cost reimbursement agreement rcvd 3/24/2009.
CDD	El Centro	CACA 50916	Wind Development Contract Co, LLC	6/11/2009			Wind: testing	Ocotillo, Southwestern Imperial County, T16S/R9E T16S/R10E T16 1/2S/R9 1/2E T16 1/2S/R10E T17S/R9E T17S/R10E	

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
Central	Hollister	CACA 48630	Horizon Wind Energy	11/24/2006 6/12/2007	1		Wind: testing	Fresno & Kings Co. Kettleman Hills T22S, R17E	AUTHORIZED, Expires 5/31/10. Lands in both Bakersfield and Hollister Fos. HFO IS LEAD OFFICE
CDD	Needles	CACA 44988	PPM Energy (Iberdrola)	10/15/2002 8/7/2003 8/4/2006	2,330	75	Wind: pending for testing	Mountain Pass T15N/R14E T151/2N/R14E	Cost recovery finalized for met towers 08/12/08. CX being done internally @ NFO
CDD	Needles	CACA 47539	First Wind	3/6/02 5/1/06	14,022		Wind: pending for testing	Bristol Mountains T7N/R10E T7N/R11E	Cost recovery rec'd. Requesting new app for met tower placement.
CDD	Needles	CACA 48287	Renewergy, LLC	7/26/2006	7,760		Wind: pending for testing	Bristol Mtns T7N/R10E T7N/R11E	Pending - cost recovery recv'd
CDD	Needles	CACA 48664	Renewergy, LLC	8/7/06	17,320		Wind: pending for testing	Homer Mtn T10N/R19E, T11N/R19E, T10N/R20E	Pending - cost recovery recv'd
CDD	Needles	CACA 48666	Oak Creek Energy	8/6/06	7,660		Wind: pending for testing	Castle Mtns T13N/R17E, T14N/R17E, T15N/R17E, T14N.R18E, T15N/R18E	Letter encouraging withdrawal of app or different process for met towers
CDD	Needles	CACA 48667	Oak Creek Energy	8/11/06	25,600		Wind: pending for testing	South Ludlow T6N/R6E, T7N/R6E, T6N/R7E, T7N/R7E, T6N/R8E, T7N/R8E	Pending - cost recovery recv'd
CDD	Needles	CACA 49433	Padoma Wind Power, NRG Inc.	7/21/2008	25,541		Wind: pending for testing		Cost recovery agreement sent 05/08; recvd signed CRA 7/08.

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Needles	CACA 50158	Little Mountain Wind Power LLC	5/12/08	15,000		Wind: pending for testing	Bristol Lake T20N/R12E, T30N/R12E, T40N/R12E	Part is in Barstow FO boundary. Most in 29 Palms Segregation Area (14,100ac). Pending. Letter sent 11/17/08
CDD	Palm Springs	CACA 41695	Mark Tech	12/27/02	74	5	Wind: functioning or repower	T3S/R4E sec. 10	will be closed
CDD	Palm Springs	CACA 47660 NV80932	Mesa	10/6/2005 3/1/06	477	35	Wind: functioning or repower	T3S/R3E, sec.4, 34	ROW granted 3/1/06. Expires 12/09. 1,800 acres in NV. Waiting on BO; expected within 60 days.
CDD	Palm Springs	CACA 49487	Sierra Renewables LLC	7/6/2007	5,300		Wind: pending for testing	T6S/R10&11E	Within DWMA; current policy not allowed; review w/ new IM
CDD	Palm Springs	CACA	Debenham	6/29/2006	1		Wind: pending for testing	Beauty Mtn Area	Just rcvd
Northern	Redding	CACA 50508	Padoma Wind Power, NRG Inc...	10/15/2008	2,500		Wind: pending for testing	Paradise Peak	Awaiting more information. Disposed land. Site visits to occur late spring.
CDD	Ridgecrest	CACA 13528	Oak Creek Energy	4/3/02	160	20	Wind: functioning or repower	Tehachapi Mountains	Repower; Right of Way grant issued; 11/7/08
CDD	Ridgecrest	CACA 44611	Oak Creek Energy	8/2/2002 5/27/2003 11/30/2005	1,222	200	Wind: pending for testing	Mojave, Tehachapi	EA in staff review. Plan of development. Native American req's on met towers
CDD	Ridgecrest	CACA 45386	Sierra Renewables LLC	12/11/2002	8835 (2554?)		Wind: pending for testing	Rose Valley/Little Lake	Cost recovery Category VI; Consultation with Native American Tribe; follow Protocol with China Lake Military

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Ridgecrest	CACA 46978	Sean Roberts, Renewable Land LLC	7/1/04	267		Wind: pending for testing	Mojave	Initiating CX for monitoring sites
CDD	Ridgecrest	CACA 47847	Boulevard Associates	8/22/05	2,678		Wind: pending for testing	Tehachapi Mountains	EA in staff review. Split between Bakersfield and Ridgecrest offices; Native American Consultation req'd
CDD	Ridgecrest	CACA 47848	Oak Creek Energy	1/11/06	6,826		Wind: pending for testing	Lucchese	29-day letter MOA for cost recovery Category VI
CDD	Ridgecrest	CACA 48536	Oak Creek Energy	7/25/06	1,800		Wind: pending for testing	Soledad Mountain Wind Project	29-day letter MOA for cost recovery Category VI
CDD	Ridgecrest	CACA 48537	Oak Creek Energy	6/25/06	19,565		Wind: pending for testing	Rand Mountain Wind Project	29-day letter MOA for cost recovery Category VI
CDD	Ridgecrest	CACA 48948	Renewergy, LLC	7/28/06	14,209		Wind: pending for testing	Rand Mountain area Laurel & El Paso Peaks	Initial application incomplete. EA required. Cost recovery set up. Biological & cultural surveys pending.
CDD	Ridgecrest	CACA 49394	Wind Power Partners	6/28/07	2,080		Wind: developing	Base of Short Canyon	App. Received. Draft POD received. On HOLD w/DWMA
CDD	Ridgecrest	CACA 49547	Competitive Power Ventures LLC	8/10/07	42,542		Wind: pending for testing	Bird Springs/ Inyokern	29-day letter MOA for cost recovery Category VI
CDD	Ridgecrest	CACA 49577	Power Parters SW (enXco)	8/10/07	1,816		Wind: pending for testing	Soledad area	2nd in line behind Oak Creek (CACA 48536)

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
CDD	Ridgecrest	CACA 49581	Sierra Renewables LLC	11/1/2007	2,554		Wind: pending for testing	Inyokern/ Pearsonville	29-day letter MOA for cost recovery Category VI. Southern portion of 45386.
CDD	Ridgecrest	CACA 50020	Brewer Energy Co.	5/29/2008	3,200		Wind: pending for testing	El Paso Mtns; W side of 395	PENDING. 3 met towers; new appl.; Native Am. Consultation
CDD	Ridgecrest	CACA 50170	Debenham Energy, LLC	7/27/2008	16,364		Wind: pending for testing	E and W side of Haiwee Res and Hwy 395	up to 8 met towers; 2 right away; new appl.; Native Am. Consultation
CDD	Ridgecrest	CACA 50319	Debenham Energy, LLC	8/7/2008	8,096		Wind: pending for testing	Summit Range; Crosses Hwy 395; (Searles Hills)	up to 8 met towers; 2 right away; new appl.; Native Am. Consultation
Northern	Surprise	CACA 48110	Invenergy LLC	7/17/2006 1/18/2007	4,160		Wind: testing	Lassen County T37N, R17E	AUTHORIZED; expires 12/2010; amendment filed for 2 add'l mets in 11/2008, pending.
Northern	Surprise	CACA 50666	Third Planet Windpower	9/16/2008	6,547		Wind: pending for testing	b/t Buck and Little Hat Mtns; T37N R16E	PENDING. Selected withdrawn ROW area in amendment 11/19/08.
Northern	Surprise	CACA 50844 NVCA 87419	Padoma Wind Power, NRG Inc.		25,795		Wind: pending for testing	Snake Lake Project	
Northern	Surprise	CACA	Home Camp	3/6/2006	8,271		Wind: pending for testing	T42N, R18E, T43N, R18E	In NV. 5 towers proposed in recent amendment.
Northern	Surprise	CACA	Shepherd Wind	7/1/2009			Wind: pending for testing		Just received. Awaiting more information.
Central	Ukiah	CACA 49639	Alta Gas (GreenWing Energy)	1/11/2008 5/15/2008	8,157		Wind: testing	Walker Ridge Lake, Colusa Ctys T14N, R5W T14&15N, R6W	AUTHORIZED; 3 met towers up in 09; expires 12/2011

District	Field Office	Serial Number	Applicant	Date Application Received and ROW Grant issued	Acres	Megawatts (Mw)	Project Type	Geographic Area	Status of Application
Central	Ukiah	CACA	Padoma Wind Power, NRG Inc.	6/11/09	446		Wind: pending for testing	South Cow Mountain	1 met tower proposed.

94

Total

Renewable Energy Projects Currently Seeking Permits in California

SNAPSHOT OF PROJECTS		
Scale	Projects	Capacity (MW)
100-199	7	949
50-99 MW	9	611
49 MW or less	13	359
Subtotal	50	11,075 MW
200 MW+	73	54,009
100-199	16	1,972
50-99 MW	18	1,017
49 MW or less	120	2,154
Subtotal	227	59,152 MW
TOTAL	277	70,227 MW

(as of 6/16/10)

Total generation needed to achieve 33% goal: 15,000 to 20,000 MW

Total capacity of California's electrical grid: 60,000 MW

Impacts of the 22 Priority Projects

Total Jobs: 12,200

- **Construction 10,000**
- **Operations 2,200**

Total Investment: \$20 to \$30 billion

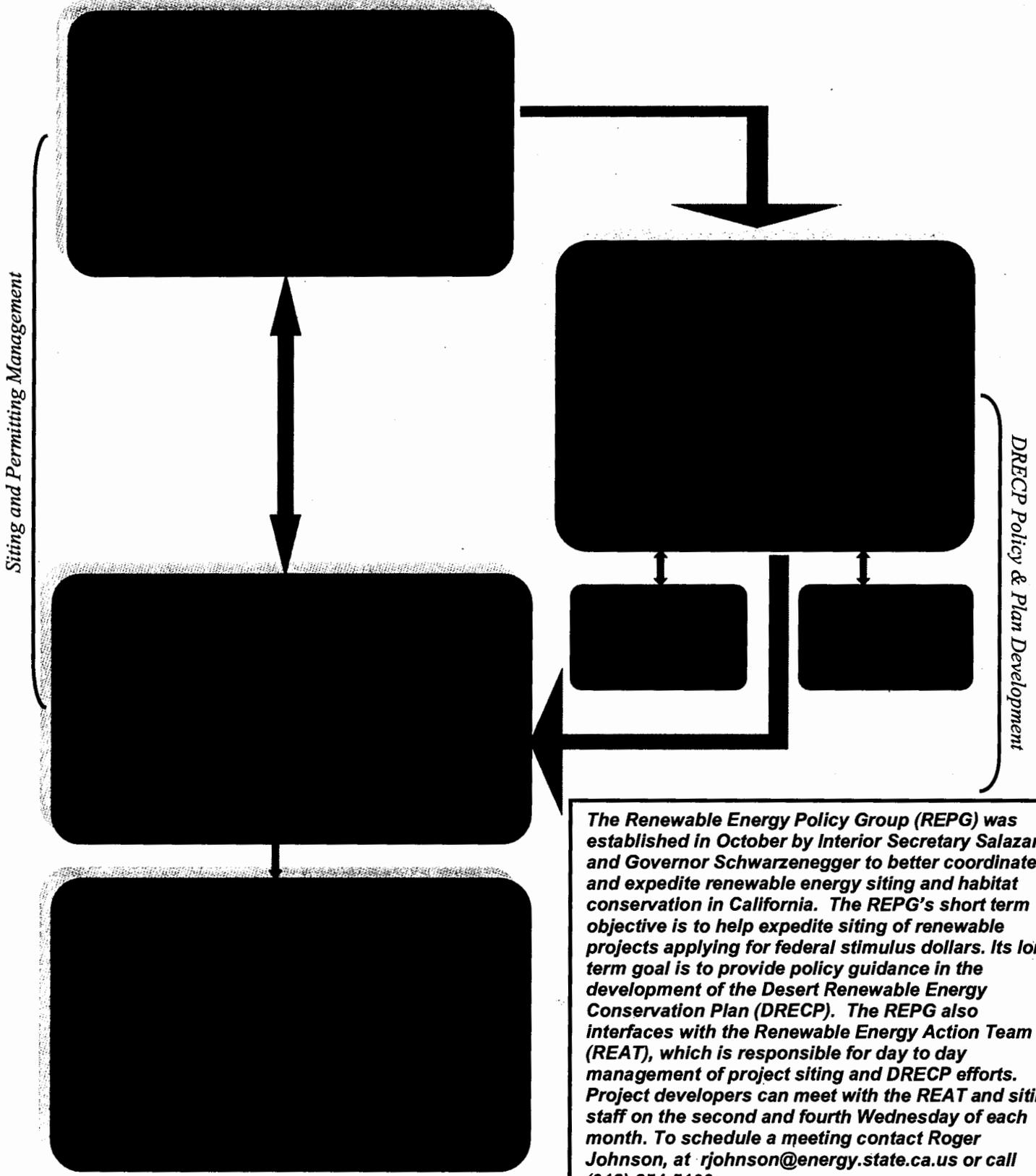
Total Stimulus Dollars into California: \$5 to \$10 billion

Homes Powered Annually: 6.75 million

**All of the Economic Impacts are Estimates*



OVERVIEW OF KEY STATE & FEDERAL STAKEHOLDERS FOR PERMITTING OF RENEWABLES





KEY RENEWABLES SITING CONTACTS



U.S. Department of the Interior	Steve Black	<i>Counselor, DOI</i>	REPG	(202) 208-4123	Steve_Black@ios.doi.gov
U.S. Department of the Interior	Janea Scott	<i>Special Assistant to the Counselor, DOI</i>	REPG	(202) 208-2977	Janea_Scott@ios.doi.gov
CA Governor's Office	Michael Picker	<i>Senior Advisor for Renewable Energy Facilities</i>	REPG	(916) 445-7665	Michael.Picker@gov.ca.gov
CA Governor's Office	Manal Yamout	<i>Special Advisor for Renewable Energy Facilities</i>	REPG	(916) 445-7665	Manal.Yamout@gov.ca.gov
California Natural Resources Agency	Tony Brunello	<i>Deputy Secretary for Climate Change & Energy</i>	REPG	(916) 653-5672	Tony.brunello@resources.ca.gov
U.S. Bureau of Land Management	Bob Abbey	<i>Director</i>	REAT	(202) 208-3801	Director@blm.gov
U.S. Bureau of Land Management	Jim Abbott	<i>Acting State Director</i>	REAT	(916) 978-4600	Jim_Abbott@blm.gov
U.S. Bureau of Land Management	Tom Pogacnik	<i>Deputy State Director, Natural Resources</i>	REAT/ Operations	(916) 978-4637	Tom_Pogacnik@blm.gov
U.S. Bureau of Land Management	Janet Lawson	<i>Renewable Energy Project Manager</i>	Operations	(916) 978-4320	Janet_Lawson@blm.ca.gov
U.S. Fish and Wildlife Service	Mike Fris	<i>Assistant Regional Director</i>	REAT	(916) 414-6464	Michael_fris@fws.gov
U.S. Fish and Wildlife Service	Darrin Thome	<i>Deputy Assistant Regional Director, Ecological Services</i>	REAT/ Operations	(916) 414 6533	Darrin_thome@fws.gov
California Energy Commission	Terry O'Brien	<i>Deputy Director Siting, Transmission & Environmental Protection</i>	REAT	(916) 654-3933	Tobrien@energy.state.ca.us
California Energy Commission	Roger Johnson	<i>Project Manager Electric Transmission Corridor Designation</i>	REAT	(916) 654-5100	Rjohnson@energy.state.ca.us
CA Department of Fish and Game	Kevin Hunting	<i>Chief Deputy Director</i>	REAT	(916) 653-1070	Khunting@dfg.ca.gov
CA Department of Fish and Game	Scott Flint	<i>Renewable Energy Program Manager</i>	Operations	(916) 653-1070 (916) 653-9719	SFlint@dfg.ca.gov

LARGE RENEWABLE ENERGY PROJECTS SEEKING ARRA MONEY

Non CEC Projects (Wind and Solar PV)

1	Maricopa Solar Valley Complex*	Granville Homes	Solar PV	350	Kern/DFG/ USFWS
2	Desert Sunlight ^{BLM}	First Solar	Solar PV	550	BLM
3	Topaz Solar Farm			550	San Luis Obispo
4	Iberdrola Tule Wind ^{BLM}	Pacific Wind, LLC	Wind	200	BLM
5	Alta-Oak Creek Mojave	Alta Windpower Development	Wind	800	Kern
6	Panoche Ranch Solar farm	Solargen	Solar PV	420	San Benito
7	Panoche Ranch Solar farm			250	Fresno
8	North Sky River Wind Energy Project	NextEra	Wind	300	Kern
9	Pacific Wind	EnXco	Wind	289	Kern
10	Shiloh III			200	Solano
11	Antelope Valley Solar Ranch I	NextLight	Solar PV	230	LA/Kern
12	Manzana Wind Project	PG&E	Wind	246	Kern/CPUC
13	California Valley Solar Ranch	Sun Power	Solar PV	210	San Luis Obispo
14	AES Daggett Ridge** ^{BLM}	AES Wind Generation	Wind	84	BLM
15	Lucerne Valley Solar** ^{BLM}	Chevron Energy Solutions	Solar PV	45	BLM
16	Granite Wind** ^{BLM}	Sierra Renewables	Wind	81	BLM

*Developer expects to lease permitted land to about 10 projects, with an estimated capacity of 700 MW. We are using a conservative figure in this chart (350 MW).

**Although not over 200 MW, these projects are on BLM Fast Track List

CEC Projects (Solar Thermal)

1	Blythe Solar Power Project ^{BLM}	Solar Milellennium, LLC	Solar Trough	1000	CEC/BLM
2	Palen Solar Power Project ^{BLM}			500	CEC/BLM
3	Ridgecrest Solar Power Project ^{BLM}			250	CEC/BLM
4	Beacon Solar Energy Project	NextEra	Solar Trough	250	CEC
5	Genesis - Ford Dry Lake ^{BLM}			250	CEC/BLM
6	Abengoa Mojave Solar 1	Abengoa Solar, Inc.	Solar Trough	250	CEC
7	Brightsource I, II, IV, VIII ^{BLM}	Ivanpah SEGS	Solar Tower	400	CEC/BLM
8	Calico Solar (Solar 1) ^{BLM}	Teserra Solar	Solar Stirling	850	CEC/BLM
9	Imperial Valley Solar (Solar 2) ^{BLM}			750	CEC/BLM



Office of the Governor

ARNOLD SCHWARZENEGGER
THE PEOPLE'S GOVERNOR

PRESS RELEASE

09/29/2010 GAAS:621:10 FOR IMMEDIATE RELEASE

Gov. Schwarzenegger Applauds CEC Approval of Nearly 1,000 MW of Solar Power

Action Reinforces California as National Solar Development Leader

Governor Arnold Schwarzenegger today applauded the California Energy Commission (CEC) vote to approve the construction of the Genesis Solar Energy Project and the Imperial Valley Solar Project, which will create 959 megawatts (MW) of clean, renewable energy and thousands of jobs in Southern California. With the CEC's approvals today, California has approved six large-scale solar energy projects in the California desert totaling 2,829 MW.

"Today's action solidly cements California as the national leader of solar power development," said Governor Schwarzenegger. "I applaud the California Energy Commission's decision to approve the construction of these solar projects that will increase our state's renewable power, create jobs and boost our economy. I look forward to seeing these projects fully built and powering thousands of California homes with clean electricity."

The two projects would be among the first commercial solar thermal power plants permitted on federal public land in the U.S. They still require a decision from the Bureau of Land Management (BLM), which approves the use of federal public lands, before it can proceed. The BLM's actions are scheduled soon. Under the state's groundbreaking agreement with the U.S. Department of the Interior, the CEC has been working collaboratively with BLM to get projects through both state and federal land use permitting processes by the end of this year without cutting corners.

The Genesis project in Riverside County will require a peak construction workforce of 1,085, with another 50 operational jobs once built. The Imperial Valley project in Imperial County will require a peak construction workforce of 731, with another 164 operational jobs once built.

The 250-MW Genesis project and the 709-MW Imperial Valley project are the fifth and sixth large solar projects approved by the CEC over the past month. In August, the Commission approved NextEra's 250-MW Beacon project—the first large solar project to be approved in the U.S. in two decades. Earlier this month, the CEC also approved BrightSource Energy's 370-MW Ivanpah project, Abengoa's 250-MW Mojave Solar Project and the 1,000-MW Blythe Solar Power Project. For more information on the projects, visit the CEC website at www.energy.ca.gov.

These projects are part of a group of nine solar thermal projects scheduled to go before the commission for decisions by the end of the year in order to qualify for federal stimulus dollars. More than 4,300 MW of solar power will be added if all nine projects are approved. The nine projects would provide more than 8,000 construction jobs and more than 1,000 operational jobs.

In addition to the solar thermal projects the CEC is permitting, there are more than a dozen other large solar photovoltaic and wind projects seeking permits to break ground in California this year. In contrast to this year, 67 MW of central-station utility scale solar were added in 2009 nationwide, and only 34 MW in 2008.

Governor Schwarzenegger has a strong and proven commitment to expanding California's clean energy that will

create jobs, influence national policies and provide a cleaner environment for future generations. In October of 2009, the Governor and Secretary of Interior Ken Salazar signed a historic MOU so that the state and federal government could work together to ensure timely permitting of renewable energy projects. In March, the Governor signed into law a new program to make it easier to conserve land for endangered species and for developers to build renewable energy projects in California. The program, created by SB X8 34, by Senator Alex Padilla (D-Pacoima), will help further streamline and expedite the permitting and siting process for large-scale renewable energy projects that will provide jobs and greater energy independence and attract investment. Other actions to promote clean, renewable energy in California include:

- Renewable Energy Portfolio Standard (RPS): In 2009, the Governor signed an Executive Order directing the California Air Resources Board (ARB) to adopt regulations increasing the state's RPS to 33 percent by 2020. The ARB adopted regulations earlier this month that place the highest priority on renewable resources that will provide the greatest environmental benefits that can be developed quickly and support reliable, efficient and cost-effective electricity system operations including resources and facilities located in California and throughout the Western Interconnection.
- Global Warming Solutions Act of 2006 (AB 32): Signed by the Governor in 2006, AB 32 established a first-in-the-world comprehensive program of regulatory and market mechanisms to achieve real, quantifiable, cost-effective reductions of greenhouse gas emissions. The law will reduce carbon emissions in California to 1990 levels by 2020.
- Green Tech Sales Tax Exemption: Governor Schwarzenegger signed SB 71 by Senator Alex Padilla (D-Pacoima) in 2010 exempting all clean technology manufacturing equipment from sales tax, allowing California to maintain a competitive edge by expanding the range of projects. This targeted sales tax exemption does not cost the state tax dollars and increases revenue by expanding the number of clean technology manufacturing companies with sites in California.
- Million Solar Roofs Initiative: The Governor's \$2.9 billion incentive plan for home and building owners who install solar electric systems, now known as the California Solar Initiative, will lead to one million solar roofs in California by the year 2018, provide 3,000 megawatts of clean energy and reduce greenhouse gas emissions by 3 million tons.



Major solar projects make progress in California

Updated 12h 50m ago

By Julie Schmit, USA TODAY



By Robert Hanashiro, USA TODAY

California is home to many solar projects, including the NextEra Harper Lake Solar Electric Generating System. The state has set a goal of getting 33% of its energy from renewable sources by 2020.

California is on track to approve a wave of solar farms this year that will more than double the state's ability to generate electricity from solar power.

Since August, four major solar projects — including one on 7,000-plus acres billed as the world's largest — have won state approval. The California Energy Commission is expected to OK two more this week. The solar farms, which concentrate the sun's power on mirrors to produce heat used to generate electricity, could eventually produce enough electricity to power 675,000 homes.

No other state is moving as aggressively as California to add solar. Its embrace of big-scale solar may inspire other states, boosters say. "These are the first projects of this size in the U.S.," says Rhone Resch, CEO of the Solar Energy Industries Association. "They're a sign to the rest of the country that solar is here, not a technology of the future."

California, the nation's largest solar producer, has ample sunshine and big renewable-energy goals. Last week, state regulators passed rules requiring that one-third of electricity sold in California come from renewable sources by 2020.

California's push for solar is also being driven by a federal deadline for stimulus funds. Projects must be underway by Dec. 31 to get federal cash grants in lieu of tax credits equal to 30% of the projects' costs.

Late last year, California and federal regulators agreed to expedite projects that were on track to meet the stimulus deadline. The federal Bureau of Land Management has fast-tracked the large California projects, four large solar projects in Nevada and one in Arizona.

"We've made significant progress without cutting corners" on environmental protections, says Michael Picker, renewable-energy adviser to California Gov. Arnold Schwarzenegger.

By year's end, California's energy commission is expected to rule on nine solar farms that could produce 4,300 megawatts of power. One megawatt produces enough electricity for 225 California homes, the industry estimates. Some projects also need federal approval because they are on federal land.

Along with the solar thermal farms, California has more than a dozen large solar photovoltaic and wind projects trying to meet the stimulus deadline.

Environmentalists, who are largely supportive of



We focus on automating Marriott® Hotels' global invoice process. So they don't have to.

Learn more at RealBusiness.com



Print Powered By FormatDynamics™



solar, sought changes to some thermal farms to lessen damage to wildlife and plants.

Future farms should be more carefully sited on already degraded land and less on desert wilderness, says Kimberley Delfino, a program director for Defenders of Wildlife.

USA TODAY
AutoPilot 

The new travel app for iPhone® and iPod touch®

Presented by 

SEE HOW IT WORKS »

The advertisement features a central image of a smartphone displaying the app's interface. The screen shows a list of travel-related items with checkmarks and right-pointing arrows, including 'AA', '73', and 'View a Risky gallery of Washington'. The app's header on the phone screen reads 'USA TODAY'.

Print Powered By  FormatDynamics™