

## DOCKETED

<b>Docket Number:</b>	13-AFC-01
<b>Project Title:</b>	Alamitos Energy Center
<b>TN #:</b>	202714
<b>Document Title:</b>	ROC-CEC staff L. Worrall and Jim E. Adams, Los Angeles/Orange Counties Building and Construction Trades Council
<b>Description:</b>	ROCs with CEC staff and LA/OC Building and Construction Trades Council regarding high-skilled labor supply in LA and Orange Counties
<b>Filer:</b>	Lisa Worrall
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	7/16/2014 12:57:06 PM
<b>Docketed Date:</b>	7/16/2014



**Siting, Transmission  
and Environmental  
Protection Division**

**FILE:** ROC-AEC\_LAOCBCTC\_HBEP-  
RBEP.doc

**PROJECT TITLE:** Alamitos Energy Center  
(AEC) **Docket:** 13-AFC-01

<b>TECHNICAL AREA:</b> Socioeconomics			
<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Email	<input type="checkbox"/> Meeting Location:	
<b>NAME:</b> Lisa Worrall, CEC Planner II	<b>DATE:</b> July 16, 2014	<b>TIME:</b> 12:43 p.m.	
<b>WITH:</b> Jim E. Adams, Los Angeles/Orange Counties Building and Construction Trades Council			
<b>SUBJECT:</b> Availability of high-skilled labor in Los Angeles and Orange counties			

**COMMENTS:**

The following documents are records of communication between California Energy Commission staff, Lisa Worrall, and Los Angeles/Orange Counties Building and Construction Trades Council staff, Jim E. Adams regarding labor supply for the proposed Redondo Beach Energy Project (12-AFC-03) and the proposed Huntington Beach Energy Project (12-AFC-02).

These attached documents are to be docketed for the Alamitos Energy Center project.

<b>CC:</b>	<b>Signed:</b> Original signed by
	<b>Name:</b> Lisa Worrall

## DOCKETED

<b>Docket Number:</b>	12-AFC-03
<b>Project Title:</b>	Redondo Beach Energy Project
<b>TN #:</b>	201386
<b>Document Title:</b>	Letter Regarding Email Concerning the Construction and Operation Workforce
<b>Description:</b>	N/A
<b>Filer:</b>	Alicia Campos
<b>Organization:</b>	Los Angeles / Orange Counties Building and Construction Trades Council
<b>Submitter Role:</b>	Public Agency
<b>Submission Date:</b>	12/9/2013 10:11:06 AM
<b>Docketed Date:</b>	12/9/2013



**RON MILLER**  
Executive Secretary

# *Los Angeles / Orange Counties Building and Construction Trades Council*

*Affiliated with the Building & Construction Trades Dept., AFL-CIO*

1626 Beverly Boulevard  
Los Angeles, CA 90026-5784  
Phone (213) 483-4222  
(714) 827-6791  
Fax (213) 483-4419



November 26, 2013

Ms. Lisa Worrall  
California Energy Commission  
Siting, Transmission, and Environmental Protection Division  
1516 9<sup>th</sup> St., MS 40  
Sacramento, CA 95814

Dear Ms. Worrall:

Thank you for your Nov. 6 email concerning the Construction and Operation Workforce for two proposed projects: the Redondo Beach Energy Project and the El Segundo Power Facility Modification.

As Executive Secretary, I represent a council of 52 local unions in 14 Trades with 140,000 members. Our workforce is highly skilled in every aspect of construction. Here, please find our reply as requested.

You asked how the potential construction and operation workforce may impact population, housing and public services.

Specifically, you ask:

1. "How much of the workforce would be likely to seek lodging closer to the project site?"

**Answer:** Based on information from our local unions, we have more than sufficient numbers of members available within commuting distance of these projects. Therefore, we do not anticipate any housing or public services impact from these workers. Our members live in Los Angeles County and Orange County, with some coming from surrounding counties. The recession has caused huge unemployment in our Trades, which is only starting to decrease, and our labor availability is high. These projects are slated to begin in 2016 and 2015, respectively. In 2015, we still anticipate a need for new projects to employ our members.

2. "What, if any, concerns do you have or problems you foresee about the project and associated labor needs?"

**Answer:** Your question concerns how we will ensure sufficient numbers of workers in coming years. In addition to the large number of workers who are available to work now and in 2015 through 2020, the Trades operate substantial apprenticeship programs. Projects such as these require a certain ratio of apprentices to journeyman members when staffing on the job site. Our

apprentice programs are robust, with thousands of apprentices in training at any given time. Most apprentice programs last five years, ensuring that we have apprentices at all levels available for staffing.

In addition, you asked about other projects in Los Angeles and Orange Counties that would employ a similar workforce, with overlapping construction periods. At this moment, a small number of our members are beginning work on the LA Department of Water and Power's Scattergood Generating Station replacement in El Segundo. This project is estimated to be completed by the end of 2015, so it does not overlap with the two projects detailed above. In addition, the proposed Poseidon desalination plant in Huntington Beach is in the approval stages, and it is unclear when construction will begin.

These jobs as listed above would not exceed our local unions' capacity to fill them with skilled workers. We continue to have unemployment from 15 to 40 percent in our local unions and are far from the level of economic activity necessary to sustain full employment. We urge the approval of these projects as a way to increase employment.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Miller", written in a cursive style.

Ron Miller  
Executive Secretary

cc: Robbie Hunter  
President, State Building and Construction Trades Council of California

## Worrall, Lisa@Energy

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**From:** Worrall, Lisa@Energy  
**Sent:** Monday, November 04, 2013 10:57 AM  
**To:** 'jimeadams@sbcglobal.net'  
**Cc:** Adams, Jim@Energy  
**Subject:** Request your comments on two natural gas power plant projects in LA County  
**Attachments:** TN 68838 12-06-12 Los Angeles and Orange Counties BCTC's Reply to CEC's August 10, 2012 Letter RE Construction and Operation Workforce.pdf

Hello Jim,

I am writing to you on behalf of myself and my coworker, Jim Adams. I wrote to you and spoke with you last year about the labor supply and requirements for the proposed Huntington Beach Energy Project. The information you provided was very helpful and I am hoping you can provide your feedback on two proposed natural gas-power plants in Los Angeles County.

The first project is the El Segundo Power Facility Modification (ESPFM) proposed on the existing El Segundo Energy Center site in the city of El Segundo. The second project is the Redondo Beach Energy Project (RBEP) proposed on the existing Redondo Beach Generating Station site in the city of Redondo Beach. The project details for each project are provided below. I have also attached a copy of the letter you sent to me for the Huntington Beach project to refresh your memory of your comments. I am assigned to Redondo Beach Energy Project and my coworker, Jim Adams, is assigned to El Segundo Power Facility Modification.

### Redondo Beach Energy Project (RBEP)-

AES Southland Development, LLC. (applicant) is seeking a license from the California Energy Commission to construct and operate a power generation facility in the city of Redondo Beach (Los Angeles County). The Redondo Beach Energy Project (RBEP) is proposed on the site of the existing AES Redondo Beach Generating Station (RBGS). The proposed project would replace the existing power plant with a natural gas-fired, combined-cycle, air-cooled, 496-megawatt (MW) electrical generating facility. The existing power plant currently has four operating steam generating units (Units 5, 6, 7, and 8), an auxiliary boiler no. 17, and four retired units (Units 1, 2, 3, and 4). If approved by the Energy Commission, project demolition and construction would occur over a **60-month period, beginning in the first quarter of 2016** and concluding with project **completion in the fourth quarter of 2020**.

An average construction workforce of 149 individuals is expected over the 60-month demolition and construction period. During peak-construction month 37, the construction workforce would total about 338 workers. The 21 full-time workers needed for project operation would be drawn from the staff at the existing RBGS, so no additional operational workers would be hired.

The project owner's entire Application for Certification is available on the Energy Commission's website at: <[http://www.energy.ca.gov/sitingcases/redondo\\_beach/documents/applicant/AFC/](http://www.energy.ca.gov/sitingcases/redondo_beach/documents/applicant/AFC/)>. **Section 5.10 Socioeconomics** in Volume 1 of the application would be the most pertinent section to review.

### El Segundo Power Facility Modification (ESPFM)-

El Segundo Energy Center LLC, (the project owner), has filed a Petition to Amend (PTA) the existing El Segundo Energy Center (ESEC) with the California Energy Commission. The PTA proposes removing the last steam boilers at the ESEC site and replacing them with modern and efficient dry-cooled, natural gas-fired combustion turbines. The project involves the demolition of power units 3 and 4 and the construction of power units 9 through 12. Demolition activities are estimated to take six months and would **begin in late 2015**. Construction of the proposed ESPMF is anticipated to commence by mid-2016 and **conclude in 2018**, to meet a projected on-line date of summer 2018. The projected work force for the **24 month process** would vary from 100 workers for the first 6 months to 500 workers during the peak months 17 through 23. The project owner would employ an average of 330 construction workers. The project owner

expects most workers would come from within Los Angeles County but staff believes they could also come from Orange, Riverside, and San Bernardino counties as well. The 50 full-time workers needed for project operation would be drawn from the staff at the existing El Segundo Energy Center, so no additional operational workers would be hired.

The project owner's entire PTA is available on the Energy Commission's website at:

< [http://www.energy.ca.gov/sitingcases/elsegundo\\_amendment/2013\\_amendment/](http://www.energy.ca.gov/sitingcases/elsegundo_amendment/2013_amendment/)>. **Section 3.9 Socioeconomics**

would be the most pertinent section to review.

As these projects would likely draw labor from the same regional area as the Huntington Beach Energy Project (HBEP) and would employ a similar type of labor, we would think the comments you provided for the Huntington Beach Energy Project would be fairly consistent with comments you would provide for these two new projects. Would you mind taking a look at your feedback for Huntington (attached) and provide updated feedback for each of these two projects. We will use this information in each of our projects' analysis.

In addition, can you include any projects you are aware of that are proposed that would employ a similar workforce to each project and that could have overlapping construction periods with the project? Both Jim and I are tasked with developing a list of projects that could employ the same type of workforce as each of our projects and with possible overlapping construction schedules, so any projects you are aware of that meet these parameters would be very helpful.

If you have any questions on either project, my contact information is listed below and Jim's contact information is:

[Jim.Adams@energy.ca.gov](mailto:Jim.Adams@energy.ca.gov) , (916) 653-0702.

Thanks for your assistance. We look forward to your feedback on these two projects. Please contact us if you have any questions on either project.

Thanks,

Lisa Worrall  
Planner II, California Energy Commission  
1516 9th Street, MS 40  
Sacramento, CA 95814  
(916) 654-4545  
[Lisa.Worrall@energy.ca.gov](mailto:Lisa.Worrall@energy.ca.gov)



**RON MILLER**  
Executive Secretary

# Los Angeles / Orange Counties Building and Construction Trades Council

Affiliated with the Building & Construction Trades Dept., AFL-CIO

1626 Beverly Boulevard  
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December 6, 2012

Ms. Lisa Worrall  
California Energy Commission  
Siting, Transmission and Environmental Protection Division  
1516 9<sup>th</sup> St., MS 40  
Sacramento, CA 95814

California Energy Commission

**DOCKETED**  
**12-AFC-02**

TN # 68838

DEC 11 2012

Dear Ms. Worrall:

Thank you for your letter of Aug. 10 concerning the Construction and Operation Workforce for the Proposed Huntington Beach Energy Project. As Executive Secretary, I represent a council of 52 local unions in 14 Trades with 140,000 members. Our workforce is highly skilled in every aspect of construction. Here, please find our reply as requested.

You asked how the potential construction and operation workforce may impact population, housing and public services.

Specifically, you ask:

1. "How much of the workforce would be likely to seek lodging closer to the project site?"

**Answer:** Based on information from our local unions, we have more than sufficient numbers of members available within commuting distance of the project. Therefore, we do not anticipate any housing or public services impact from these workers. Our members live in Orange County and Los Angeles County, with some coming from surrounding counties. The recession has caused huge unemployment in our Trades, which is only starting to decrease, and our labor availability is high. This project begins in 2014. In 2014, we still anticipate a need for new projects to employ our members.

2. "What, if any, concerns do you have or problems you foresee about the project and associated labor needs?"

**Answer:** Your question concerns how we will ensure sufficient numbers of workers in coming years. In addition to the large number of workers who are available to work now and in 2014, the Trades operate substantial apprenticeship programs. Projects such as the Energy Project require a certain ratio of apprentices to journeyman members when staffing on the job site. Our apprentice programs are robust, with thousands of apprentices in training at any given time. Most apprentice programs last five years, ensuring that we have apprentices at all levels available for staffing.

In addition, you asked about major projects in Los Angeles and Orange Counties that may affect staffing for the Energy Project. At this moment, our members are on the job at various projects, but we continue to have unemployment from 15 to 40 percent in our local unions and are far from the level of economic activity necessary to sustain full employment. We urge the approval of the Huntington Beach Energy Project as a way to increase employment.

Sincerely,



Ron Miller  
Executive Secretary



Jim Adams  
Council Representative

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cc: Robbie Hunter, President, SBCTC ~ California

Orange Counties  
Construction  
Council

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Sacramento, CA 90026-5784



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Received

DEC 10 2012

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