

## DOCKETED

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<b>Project Title:</b>	Alamitos Energy Center
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<b>Document Title:</b>	AEC AFC Appendix 5.2F Agency Consultation Biological Resources
<b>Description:</b>	Previously TN# 201493-27
<b>Filer:</b>	Tiffani Winter
<b>Organization:</b>	CH2M Hill
<b>Submitter Role:</b>	Applicant Consultant
<b>Submission Date:</b>	2/3/2014 12:47:11 PM
<b>Docketed Date:</b>	2/3/2014

**Appendix 5.2F**  
**Agency Consultation Correspondences**

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**From:** Fowler, Melissa/SCO  
**To:** ["Christine\\_Medak@fws.gov"](mailto:Christine_Medak@fws.gov)  
**Cc:** ["Jonathan\\_D\\_Snyder@fws.gov"](mailto:Jonathan_D_Snyder@fws.gov); [Salamy, Jerry/SAC](#); [Langis, Rene/BOS](#); [Madams, Sarah/SAC](#)  
**Subject:** Alamitos Energy Center  
**Date:** Tuesday, September 17, 2013 11:17:00 AM  
**Attachments:** [AEC Presentation-FINAL-8-19-13.pdf](#)

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Christine,

On behalf of AES Southland Development, we would like to initiate consultation with your agency to discuss the proposed Alamitos Energy Center (AEC). You are familiar with two other AES projects, the Huntington Beach Energy Project (HBEP) and Redondo Beach Energy Project (RBEP), this one is a separate and third proposed project in southern California. The project's objectives and basic project elements are described below for your review. Introductory project information is also provided in the attached PDF file.

AEC was designed to address the local capacity requirements within the Los Angeles Basin with the following objectives:

- Provide the most efficient, reliable, and predictable generating capacity available by using combined-cycle, natural-gas-fired combustion turbine technology to replace the OTC generation, support the local capacity requirements of southern California's western Los Angeles Basin Local Reliability Area and be consistent with SCAQMD Rule 1304(a)(2).
- Develop a 1,936-MW project that provides efficient operational flexibility with rapid-start and steep ramping capability to allow for the efficient integration of renewable energy sources into the California electrical grid.
- Serve southern California energy demand with efficient and competitively priced electrical generation.
- Develop on a brownfield site of sufficient size and reuse existing onsite electrical, water, natural gas infrastructure and land to minimize terrestrial resource impacts.
- Site the project to serve the western Los Angeles Basin load center without constructing new transmission facilities.
- Assist in developing increased local generation projects, thus reducing dependence on imported power and associated transmission infrastructure.
- Ensure potential environmental impacts can be avoided, eliminated, or mitigated to less-than-significant levels.

In addition, AEC would eliminate the use of ocean water at the existing power plant by replacing the current water cooling system with air cooled condensers.

Please let us know if you need additional information and if you would like us to schedule a conference call or a meeting to discuss your concerns or comments.

Thank you very much for your time.

Best regards,

Melissa Fowler, M.S.  
Biologist  
Certified Ecologist, Ecological Society of America  
*Environmental Services*

CH2M HILL  
6 Hutton Centre Drive, Suite 700  
Santa Ana, CA 92707  
Office 714.435.6262  
Mobile 714.768.1173  
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**From:** Fowler, Melissa/SCO  
**To:** "[KSchmoker@dfg.ca.gov](mailto:KSchmoker@dfg.ca.gov)"; "[TDICKERSON@dfg.ca.gov](mailto:TDICKERSON@dfg.ca.gov)"  
**Cc:** [Salamy, Jerry/SAC](#); [Langis, Rene/BOS](#); [Madams, Sarah/SAC](#)  
**Subject:** Alamitos Energy Center  
**Date:** Tuesday, September 17, 2013 11:26:00 AM  
**Attachments:** [AEC Presentation-FINAL-8-19-13.pdf](#)

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Good morning,

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## Fowler, Melissa/SCO

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**From:** Medak, Christine [christine\_medak@fws.gov]  
**Sent:** Tuesday, November 12, 2013 3:11 PM  
**To:** Fowler, Melissa/SCO  
**Subject:** Re: Alamitos Energy Center

Melissa,

I apologize for the delayed response regarding Los Alamitos Energy Center. The proposed project would be constructed adjacent to Los Cerritos Wetlands. Concerns in this area are similar to concerns we provided regarding the HBEP (i.e., noise/construction related effects on sensitive wetland birds adjacent to the construction site). In addition, because Los Cerritos is slated for restoration, it would be worth talking about how changes in plant design and water discharges from the plant could potentially be modified to benefit the restoration project (i.e., consolidation of facilities to increase the potential restoration area, will the discharge channel still be required?). Finally, I believe there are sea turtles gathering near the discharge channel due to warm water effluent. Since your message was sent long ago it may be helpful to talk about the current status of the project at this point and what level of input you are looking for.

Christine L. Medak  
Fish and Wildlife Biologist  
U.S. Fish and Wildlife Service  
2177 Salk Avenue, Suite 250  
Carlsbad, CA 92008  
Phone: (760) 431-9440 ext. 298  
Fax: (760) 431-9624  
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Follow us on Twitter at <http://twitter.com/USFWSPacSWest>

"I'd like to offer a plug for actually having the natural processes instead of having to simulate them."  
— Nadav Nur, PRBO Conservation Science

On Tue, Sep 17, 2013 at 11:17 AM, <[Melissa.Fowler@ch2m.com](mailto:Melissa.Fowler@ch2m.com)> wrote:

Christine,

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