

CALIFORNIA ENERGY COMMISSION
REPORT OF CONVERSATION

California Energy Commission
DOCKETED
12-AFC-02
 TN # 68760
 DEC 04 2012



**Systems Assessment and
 Facilities Siting Division**

FILE: 12-AFC-02

PROJECT TITLE: Huntington Beach Energy Project

<input type="checkbox"/> Telephone		<input checked="" type="checkbox"/> Meeting Location:	
NAME:	Gabriel Roark	DATE:	09/28/2012
		TIME:	11:00 a.m.
WITH:	Stephen O’Kane and Jennifer Didlo (AES Southland); Robert Mason and Clint Helton (CH2M Hill)		
SUBJECT:	HBEP Site Visit, Proposed Depths of Excavation		

Energy Commission staff met with representatives of the applicant (AES Southland) Stephen O’Kane and Jennifer Didlo during a site visit related to the Huntington Beach Energy Project (HBEP) application for certification (AFC). The purpose of my attendance was to obtain an accurate understanding of how the proposed project would be built and the depth of excavation entailed in the construction of the proposed project’s various components.

During the site visit, I asked AES staff the following questions.

1. The AFC states that an 8-foot-thick clay layer was removed from the area surrounding the “main building” and “equipment”; neither of these features are identified or mapped in the AFC. Over how much area was the clay layer removed? From the entire project site or a more restricted area?
2. The AFC indicates that the clay layer was replaced with engineered fill dirt. How many compacted vertical feet of fill were placed where the clay layer was previously?
3. The AFC states that the foundations currently supporting Units 1–4 would be demolished or reused to the extent possible. Has AES made a determination of which approach it plans to take?
4. How deep would the applicant excavate for the foundations to support electrical transmission towers?
5. How deep would trenches for linear underground features be?
6. In demolishing the existing East Tank, would the applicant remove the existing foundation or otherwise excavate below the 2–4 feet of fill underneath the tank? If so, how deep?

AES and CH2M Hill personnel provided the following answers, taken in turn.

1. Mr. O’Kane said that he would consult what plans and construction documents exist from the construction of the existing Huntington Beach Generating Station and report what he learned concerning removal of the clay layer.
2. See answer 1 immediately above.
3. AES has decided that it would reuse the existing foundations after demolition of the unit superstructure. The horizontal footprint of the foundations would need to be expanded, however, and AES expects that associated excavation would be in excess of 8 feet below current grade.
4. O’Kane believed that the depth is given in the AFC. I stated that I had not found that information in the AFC, but would look again.

CALIFORNIA ENERGY COMMISSION
REPORT OF CONVERSATION



5. See answer 4 immediately above.
6. O'Kane stated that the East Tank's foundation would be demolished and some excavation into the existing fill would transpire. He did not know how deep excavation would ultimately be, nor whether such excavation would exceed the depth of fill. The reason for this uncertainty is that AES would use material from the surrounding greater-than-6-feet-tall containment berm to reach final building grade. The thickness of the resulting fill layer would condition the depth to which AES needed to dig to build the new foundation.

I informed AES that I would ask for the proposed depths of excavation associated with the project in a formal data request.

cc:	Signed:
	Name: Gabriel Roark