

## DOCKETED

<b>Docket Number:</b>	12-AFC-02C
<b>Project Title:</b>	Huntington Beach Energy Project - Compliance
<b>TN #:</b>	214187
<b>Document Title:</b>	Declaration of Robert Sims in Support of Project Owner's Opening Testimony
<b>Description:</b>	Declaration of Robert Sims in Support of Project Owner's Opening Testimony (Transmission System Engineering, Transmission Line Safety & Nuisance)
<b>Filer:</b>	Kimberly Hellwig
<b>Organization:</b>	Stoel Rives LLP
<b>Submitter Role:</b>	Applicant
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**Declaration of  
ROBERT SIMS  
Huntington Beach Energy Project  
(12-AFC-02C)**

I, **Robert Sims**, declare as follows:

1. I am presently employed by The AES Corporation as a Project Director.
2. A copy of my professional qualifications and experience is attached hereto as **Attachment A** and incorporated by reference herein.
3. I prepared or caused to be prepared information related to **Transmission System Engineering, Transmission Line Safety & Nuisance**, and other general topics, as identified below, in support of the Petition to Amend for Huntington Beach Energy Project (“HBEP”). Such information was either provided by me to consultants for incorporation of such data into documents or was based on my independent analysis of data from reliable documents and sources, as well as my professional experience and knowledge. Specifically, I prepared or caused to be prepared the following:
  - a. Petition to Amend, Sections 3.0 (Transmission System Engineering), 3.3 (Transmission Line Safety and Nuisance) (TN# 206087), docketed September 9, 2015
  - b. Data Responses, Set 1 (Responses to Data Requests 1-74) (TN# 206858), docketed December 7, 2015
  - c. CAISO Section 25 Affidavit (TN# 211139), docketed April 19, 2016
  - d. Project Owner’s Comments on the Preliminary Staff Assessment (TN# 212379), docketed July 21, 2016
  - e. Huntington Beach California ISO Repowering Study Report (TN# 212678), docketed August 8, 2016
4. It is my professional opinion that the information provided to the California Energy Commission related to the HBEP’s Petition to Amend proceeding is valid and accurate with respect to the issues addressed herein.
5. I am personally familiar with the facts and conclusions related in the testimony presented by me and, if called as a witness, could testify competently thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief.

Dated: 10/21/16

  
\_\_\_\_\_  
Robert Sims



**ROBERT L. SIMS**  
**Manager Engineering and System Planning**  
**The AES Corporation, Engineering and Construction**

Mr. Sims currently manages engineering and planning for the high voltage utility interconnection of several AES generating facilities in the US and overseas. These generating facilities interconnect at voltages up to 230 kV and generating capacities up to 2000 MW. Mr. Sims joined the AES Corporation in 2005 with the acquisition of SeaWest wind power.

He recently completed the 230 kV interconnection work for one of the largest solar projects in the US with a capacity of 200 MW connected to the California ISO system in Southern California at 230 kV. This involved the management and negotiation of several Agreements with San Diego Gas and Electric and the CAISO as well as managing the engineering, procurement and construction of a 5 mile 230 kV line and 230 kV substation for the project.

While at SeaWest from 1999 to 2005, Mr. Sims held the position of Vice President of Engineering and managed the planning, engineering, & construction of numerous utility scale wind energy projects in California, Wyoming, Oregon, and Texas. These generating facilities interconnect at voltages of 115 – 230 kV with capacity of up to 500 MW.

Prior to joining SeaWest in 1999 Mr. Sims provided consulting services for 2 years in the area of utility interconnection to a large number of renewable energy development companies for projects in North America and other areas of the world

From 1981 to 1996 Mr. Sims held the position of Electrical Engineering manager at Kenetech WindPower. While at Kenetech Mr. Sims was responsible the planning design and utility interconnection of a large number of wind energy projects located in California, Wyoming, Texas, Canada, Europe, and Central America.

Mr. Sims served in 2006 as President of the Texas Wind Coalition, a wind industry advocacy group promoting wind policies in Texas and the Southern Plains based in Austin, Texas. He is a regular participant and speaker at renewable and utility industry meetings and conferences.

Mr. Sims has co-authored several papers on wind energy, including the IEEE recommended practice "Design and Operation of Windfarm Generating Stations."

Mr. Sims holds a Bachelor of Science degree in Electrical Power Engineering from California Polytechnic University.