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STATE OF CALIFORNIA

**Energy Resources Conservation
and Development Commission**

In the Matter of:

The Application for Certification for the

**HUNTINGTON BEACH ENERGY
PROJECT**

Docket No. 12-AFC-02

**AES SOUTHLAND DEVELOPMENT, LLC'S RESPONSE TO QUESTIONS
SET FORTH IN THE ORDER AFTER PREHEARING CONFERENCE**

July 31, 2014

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STATE OF CALIFORNIA

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SET FORTH IN THE ORDER AFTER PREHEARING CONFERENCE**

On July 17, 2014, the Committee for the Huntington Beach Energy Project (“HBEP” or the “Project”) issued an Order After Prehearing Conference requiring the parties to this proceeding to be prepared to provide evidence and/or additional discussion during the July 21, 2014 Evidentiary Hearing related to specific questions and issues set forth therein. In the subsequent July 24, 2014 Notice of Continued Evidentiary Hearing and Tentative Staff Workshop and Related Orders, the Committee required the parties to respond in writing to the questions presented in the Order After Prehearing Conference. As such, Applicant AES Southland Development, LLC’s provides the following responses to such questions.

I. PROJECT DESCRIPTION

A. Construction and Demolition Timing

COMMITTEE’S QUESTION: Reconcile the applicable construction/demolition time frame and apply it consistently throughout. In the majority of the FSA, the construction/demolition phase is stated as being 7½ years or 90 months. (*See, e.g.*, Exhibit 2000 at p. 4.1-1, discussion Air Quality). Compare that to 8 years as

the identified timeframe for the effect of construction noise (*Id.* at p. 4.6-7); dust generation (*Id.* at p. 4.12-28); and nighttime construction light impacts *Id.* at (p. 4.12-30). A seven-year time for construction and demolition on the site is called out in Waste Management (*Id.* at p. 4.13-7).

Applicant's Response: Construction of HBEP will take approximately 90 months (7.5 years) as set forth in Section 2.0- Project Description- of the AFC. (*See, e.g.* Exhibits 1001, 1017, 1035, 1047, 1048, 1053, 1066, 1067, 1085, 1094, and 1106.) To the extent the FSA identifies an eight (8) year construction period, this would result in a more conservative analysis of construction impacts. With respect to the “approximately [] 7-year period,” as identified in the Final Staff Assessment’s Waste Management section (*see* Exhibit 2000 at p. 4.13-7), this reference does not change the type and quantity of waste that would be generated by demolition of the existing facility and, therefore, does not change the analysis.

B. Changes in Technology

COMMITTEE’S QUESTION I.b: At the Prehearing Conference, the parties were asked, given the lengthy time to demolish the existing facilities and construct the new plant, to address (1) the effect of potential changes in technology (whether for generation or for emissions control) and (2) how such changes could be integrated into the project. This topic includes a discussion of how the project will handle obsolescence or non-availability of approved equipment and changes in electricity demand based on improved technologies in electricity grid management (e.g., storage of renewable-generated energy).

Applicant's Response: While Question I.b. calls for speculation, Applicant can state that any changes in technology that would be required due to obsolescence, non-

availability of approved equipment, or as required by State or Federal law would require Applicant to seek an amendment to the Commission's Final Decision. If such a situation occurs, Applicant would follow the regulatory requirements set forth in Title 20, California Code of Regulations, section 1769.

Because "changes in electricity demand based on improved technologies in grid management" are speculative, Applicant can provide no opinion or response to this question.¹ However, the proposed Project was designed to provide controllable generation to allow the integration of the ever increasing contribution of intermittent renewable energy into the electrical grid. As more renewable electrical resources are brought on line as a result of electric utilities meeting California's Renewable Portfolio Standard, projects strategically located within load centers and designed for fast starts and ramp-up and down capability, such as HBEP, will be critical in supporting both local electrical reliability and grid stability. (Exhibit 1001 at p. 1-3; *see also* July 21 Evidentiary Hearing Transcript (TN# 202838) at pp. 56-58.)

C. Synchronous Condensers at Huntington Beach Generating Station, Units 3 and 4

i. COMMITTEE'S QUESTION: In the Project Description, the synchronous condensers are described as being removed prior to demolition of the remaining structures for Units 3 and 4. What will happen to the condensers?

Applicant's Response: It is anticipated that the synchronous condensers at the Huntington Beach Generating Station will be dismantled and recycled. (*See also* TN# 202838 at pp. 196-198.)

¹ The California Environmental Quality Act ("CEQA") does not require speculation. Indeed, the definition of substantial evidence in the CEQA Guidelines states "speculation ... does not constitute substantial evidence." (Tit. 14, Cal. Code Regs., § 15384(a).) Thus, speculation about future potential activities that may or may not occur does not constitute substantial evidence upon which to base a finding or conclusion.

ii. COMMITTEE’S QUESTION: Are the synchronous condensers suitable for use to improve reliability elsewhere in the Los Angeles basin or San Diego areas?

Applicant’s Response: As Applicant discussed during the July 21 Evidentiary Hearing, the synchronous condensers are not suitable for use elsewhere. (*See also* TN# 202838 at pp. 196-198.)

II. SPECIFIC SUBJECT MATTERS

A. Alternatives

i. COMMITTEE’S QUESTION: How do the parties view the impact over time of preferred resources, such as renewables and demand-response programs, becoming more readily available and economically competitive?

Applicant’s Response: Applicant’s view of the impact over time of preferred resources has no bearing on this proceeding. HBEP is not competing with preferred resources; indeed, HBEP has been designed based on the Project being a necessary component of California’s generation portfolio as determined by the California Public Utilities Commission (“CPUC”) and is consistent with the CPUC’s decision on the 2012 Long Term Procurement Planning proceeding. HBEP will allow for the proper integration of renewable resources and the Project has been sized to ensure electric reliability. Moreover, all reasonably foreseeable preferred resources have been considered in the Project’s alternatives analysis. Additionally, the CPUC has adopted a Resource Adequacy policy framework to ensure the reliability of electric service in California and, as such, has jurisdiction over all investor owned utilities, energy service providers, and community choice aggregators as it relates to resource procurement. (*See also* TN# 202838 at pp. 194; 199-202.)

ii. COMMITTEE'S QUESTION: How might such preferred resources affect sizing of the project or any of its other aspects, given its long construction timeline?

Applicant's Response: The primary purpose of HBEP is to provide local area capacity for reliability needs. There will be no impact to the project as the market will determine HBEP's operations. (*See also* response to question II.A.i. above.)

B. Water Resources

i. COMMITTEE'S QUESTION: Are there potential improvements to water treatment systems that may reduce the need for potable water?

Applicant's Response: While improvements to water treatment systems may be developed over time, Applicant has evaluated all currently available options for such systems. Nevertheless, project owners and developers often add new technology to equipment to improve efficiencies and reduce operational costs. If any viable water treatment systems are developed and can be integrated into HBEP, Applicant will evaluate those options at that time. Until then, however, any further response to this question would be speculative. (*See above*, Footnote 1.)

ii. COMMITTEE'S QUESTION: If these improvements occur soon after completion of the first phase of construction and beginning of operation, will those units then be using obsolete equipment and/or technology?

Applicant's Response: Applicant cannot provide any additional information other than the information and analyses provided throughout this proceeding. Further response would require speculation. (*See also* response to question II.B.i. above.)

iii. COMMITTEE'S QUESTION: What would be the likely impacts of such improvements on both energy and water consumption of the plant?

Applicant's Response: Applicant cannot respond to this question, as it requires speculation on behalf of the Applicant. Additionally, the likely impacts of future, unforeseen potential improvements is not relevant to the analysis of the proposed Project. (See also responses to questions II.B.i and II.B.ii. above.)

C. Biological Resources

COMMITTEE'S QUESTION: What is the impact of construction noise on sensitive species near the project site?

Applicant's Response: Applicant and Staff have not identified any sensitive species that currently exist near the Project site that would be adversely impacted by construction. Applicant has provided detailed analyses throughout this proceeding as to the impact of construction noise on biological resources. Such information is provided in comments to the Preliminary Staff Assessment (Applicant's Exhibits 1087 and 1096) and Applicant's Opening Testimony (Exhibit 1132), as well as in responses to various data requests issued by Staff (*see, e.g.*, Exhibits 1017 and 1052). This issue was also discussed during the July 21, 2014 Evidentiary Hearing. (See TN# 202838 at pp. 170-198.) In summary, there will be no significant adverse impacts on any biological resources near the project site as a result of construction noise.

D. Visual Resources

COMMITTEE'S QUESTION: Condition of Certification VIS-2 calls for the installation of a grass lawn. In light of California's state of emergency on the drought (Proclamation number 1-17-2014), Governor Brown's two executive orders regarding the drought, including one to reduce water usage by 20 percent (April 25, 2014), and the State Water Board's pending regulations that would trigger penalties of up to \$500 a day for wasting water, is a lawn truly necessary to mitigate the impact created?

Applicant's Response: Applicant has committed to not planting any new or replacement lawn in light of California's state of emergency on the drought. Applicant stated at the July 21, 2014 hearing that it would support removal of references regarding the installation of new or replacement lawn areas from Applicant's proposed revisions to Staff's proposed Condition of Certification VIS-2. (*See also* TN# 202838 at pp. 112-115.)

E. Fracking/Seismic Impacts

i. COMMITTEE'S QUESTION: Given the proximity of oil wells in the Huntington Beach community, one of the intervenors has raised the issue of fracking and potentially related seismic activity. Would regional fracking create additional potential seismic impacts affecting the HBEP, over and above the seismic activity already present in Southern California?

Applicant's Response: As set forth in Applicant's Rebuttal Testimony (Exhibit 1137), the preliminary site-specific geotechnical investigation provided preliminary recommendations and mitigation measures for addressing hazards associated with seismic shaking, liquefaction/settlement, mass wasting, compressible/expansive/corrosive soils, groundwater, and tsunami run-up. The investigation's recommendations concluded "[b]ased on the results of our geotechnical evaluation, the project site is considered suitable for the proposed improvements from a geotechnical perspective" and "[t]he potential geologic and seismic hazards described above may be mitigated by employing sound engineering practice in the design and construction of the new power generating facilities and associated improvements." (Exhibit 1004.) Finally, Conditions GEO-1 and GEN-5 require the Applicant to prepare a detailed geotechnical report that details the nature and extent of soil conditions. Moreover, Applicant will construct HBEP in

compliance with all laws, ordinances, regulations and standards (“LORS”), including, but not limited to, the California Building Code, which sets forth seismic safety and design standards. Such standards are robust enough to address seismic activity that may be caused from any hydraulic fracturing. Because California (and the greater Los Angeles area, in particular) is a highly seismically-active area, the potential for strong earthquakes to occur is high and far outweighs any induced potential seismic activity from any hydraulic fracturing. Finally, it should be noted that the Project does not include hydraulic fracturing and the Applicant knows of no hydraulic fracturing activity expected to occur at or near the Project site.²

ii. COMMITTEE’S QUESTION: Can such regional fracking-related seismic impacts be differentiated from and quantified compared to existing seismic activity in the area of the HBEP?

Applicant’s Response: See Applicant’s response to Committee’s Question II.E.i, above.

iii. COMMITTEE’S QUESTION: If regional fracking-related seismic impacts can be differentiated from existing seismic activity in the area of the HBEP, how does that affect the analysis of impacts already presented?

Applicant’s Response: See response to Committee’s Question II.E.i, above.

iv. COMMITTEE’S QUESTION: Discuss whether mitigation beyond existing seismic building standards is necessary for the HBEP.

² Applicant’s witness Thomas Lae will be available in person at the continued hearing on August 6, 2014 to address this issue.

Applicant's Response: For the reasons set forth in response to question II.E.i, above, no additional mitigation beyond existing seismic building standards (LORS) is necessary for HBEP.

F. Conditions of Certification

i. COMMITTEE'S QUESTION: How do we make sure that there is consistency between the various subject matters relating to selection, approval, substitution, and replacement of on-site monitoring personnel?

1. Cultural
2. Biological
3. Engineering/facility design
4. Other relevant disciplines

Applicant's Response: As CEC Staff indicated during the July 21 Evidentiary Hearing, Staff is currently working on revising certain Conditions of Certification in response to the Committee's question. At this time, Applicant has not seen such revised Conditions and reserves the right to provide comments and proposed revisions thereto when Staff circulate the revised Conditions to the parties and the Committee. (*See also* TN# 202838 at pp. 188; 231-233.)

ii. COMMITTEE'S QUESTION: How do we provide sufficient flexibility to respond to on-site conditions that may vary from those anticipated in the approval process without undermining the analysis of impacts that is a key part of the ultimate decision on the application for certification?

Applicant's Response: See response to II.f.i. above.

iii. COMMITTEE'S QUESTION: Cultural Resources Condition of Certification CUL-1 use of term "noncompliance of the CRS." What is noncompliance of the CRS? How is non-compliance determined?

Applicant's Response: Applicant believes this issue was addressed during the July 21, 2014 Evidentiary Hearing during the Cultural Resources discussion. (See TN# 202838 at pp. 221-232.)

iv. COMMITTEE'S QUESTION: Noise Conditions of Certification. What is a "legitimate" noise complaint? How is this defined? Who makes this determination?

Applicant's Response: The Final Staff Assessment defines a legitimate noise complaint as "a complaint about noise that is caused by the HBEP project as opposed to another source (as verified by the CPM). A legitimate complaint constitutes a violation by the project of any noise condition of certification (as confirmed by the CPM), which is documented by an individual or entity affected by such noise." (See Exhibit 2000 at p. 4.6-19 and related Condition of Certification NOISE-2 at pp. 4.6-19 and 4.6.20.)

v. COMMITTEE'S QUESTION: Hazardous Materials Handling Condition of Certification HAZ-6 limits transportation of any hazardous materials to a specified route. In addition to aqueous ammonia, what other specific hazardous materials require use of a single delivery route?

Applicant's Response: Applicant and Staff have agreed that bulk quantities of hazardous materials such as aqueous ammonia and lubricating or insulating oils will require the use of a noticed delivery route. The delivery route and notice requirements in proposed revised Condition of Certification HAZ-6, as set forth in Applicant's Prehearing Statement, limits the route and notice to bulk quantities in amounts greater than 800 gallons per delivery. (See TN #202855, Applicant's Proposed Exhibit 1142.)³

³ Applicant provides a revised Exhibit List (Attachment A), which includes all exhibits entered into evidence at the July 21, 2014 Evidentiary Hearing (Exhibits 1001 through 1141) as well as two additional proposed exhibits - *Applicant's Prehearing Statement* and *Applicant's Response to Questions Set Forth in*

vi. COMMITTEE'S QUESTION: What characteristics of such other specific hazardous materials, if any, require limiting the route to certain specified streets?

Applicant's Response: As discussed in response to Item II.F.v. above, Applicant and Staff have reached agreement on limiting delivery routes for bulk quantities of hazardous materials. Applicant knows of no other specific hazardous materials that require delivery routes to be limited to certain specified streets. All vendors will be required to adhere to applicable LORS related to the transportation of hazardous materials. (*See also* response to Item II.F.v., above.)

III. CONCLUSION

Applicant believes that the testimony set forth herein, along with the testimony previously presented in this proceeding, provides the Committee with the information needed to prepare a Presiding Member's Proposed Decision. Furthermore, Applicant is confident that the record in this proceeding sets forth a comprehensive environmental analysis of the proposed Project and allows the full Commission to make a favorable decision.

Date: July 31, 2014

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the Order After Prehearing Conference - as Exhibits 1142 (TN# 202855) and 1143 (TN# TBD), respectively.

ATTACHMENT A
APPLICANT'S REVISED EXHIBIT LIST AS OF JULY 31, 2014

In re the Matter of:

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HUNTINGTON BEACH ENERGY PROJECT**

Docket No. 12-AFC-02

**APPLICANT'S EXHIBIT LIST
Revised as of July 31, 2014**

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1001	66003	Application for Certification (AFC) Volumes 1 and 2 and related cover letter and CEC Check Receipt for application fees (\$733,965); dated and docketed June 27, 2012	All Topics
1002	66006	Air Quality Air Dispersion Modeling Data (CD) and Air Quality Appendices 5.1A, dated and docketed June 27, 2012	Air Quality; Public Health
1003	66057	Application for Designation of Confidential Record re Cultural Resources Records, dated and docketed June 27, 2012	General; Cultural Resources
1004	66490	Applicant's Data Adequacy Supplement dated and docketed August 6, 2012	Air Quality; Biological Resources; Cultural Resources; Public Health; Transmission System Engineering
1005	66491	Applicant's Dispersion Modeling Files (Data Adequacy Response 24), dated August 2012; docketed August 6, 2012	Air Quality; Public Health
1006	66492	Applicant's Data Adequacy Supplement/Preliminary Geotechnical Report, dated and docketed August 6, 2012	Geological Resources
1007	66493	Applicant's Repeated Application for Confidential Designation – Cultural Resources, dated and docketed August 6, 2012	General; Cultural Resources
1008	66506	Applicant's Biological Resources page 5.2-2CR (to be included with Applicant's Data Adequacy Supplement) dated August 7, 2012; docketed August 8, 2012	Biological Resources
1009	66913	Applicant's Letter enclosing correspondence to the California Coastal Commission re HBEP, dated and docketed August 23, 2012	General; Biological Resources; Water

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1010	67020	Applicant's Comments on the Issues Identification Report, dated and docketed September 6, 2012	Alternatives; Transmission System Engineering; Waste Management
1011	67110	Applicant's Letter to F. Miller, CEC, re Applicant's Site Visit & Informational Hearing Materials, dated and docketed September 13, 2012	General
1012	67316	AES (S. O'Kane) letter to D. Jordan, USEPA, re Application for Greenhouse Gas PSD Pre-Construction Permit, dated September 19, 2012; docketed September 26, 2012	Air Quality
1013	67317	AES (S. O'Kane) Response to South Coast Air Quality Management District's Air Application, dated September 20, 2012; docketed September 26, 2012	Air Quality
1014	67902	Request for Extension to Submit Data Responses, Set One (#1-72); Objections, dated and docketed October 22, 2012	General
1015	68070	Emails Between S. O'Kane, C. Perri, SCAQMD, and CH2M Hill re HBEP Emission Rates and Modeling Results, dated October 23, 2012; docketed October 24, 2012	Air Quality
1016	68208	Email re Huntington Beach Energy Project's Emission Rates and Modeling Results, dated October 25, 2012; docketed October 26, 2012	Air Quality
1017	68366	Applicant's Responses to Staff's Data Requests, Set 1A (#1-72), dated and docketed November 2, 2012	Air Quality; Biological Resources; Cultural Resources; Public Health; Socioeconomics; Soil & Water; Traffic & Transportation; Transmission System Engineering; Visual Resources; Waste Management; Worker Safety and Fire Protection
1018	68384	Applicant's Air Quality Modeling Files Related to CEC Staff's Data Request Two, dated and docketed November 5, 2012	Air Quality
1019	68416	Applicant's Letter to F. Miller, CEC, (enclosing correspondence to US EPA with document dated September 19, 2012 [disc included]), dated and docketed November 7, 2012	Air Quality

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1020	68743	Applicant's Request for Additional Extension of Time to Submit Responses to Staff's Data Requests, Set 1A, dated and docketed December 3, 2012	General
1021	68796	Applicant's Letter to Jason Pyle and Commrs. McAllister and Douglas, re Request for Extension of Time to Submit Responses to Pyle's Data Requests, dated and docketed December 6, 2012	General
1022	68847	Applicant's Responses to Supplemental Data Response #36 (Cultural Resources), dated and docketed December 11, 2012	General; Cultural Resources
1023	68848	Applicant's Correspondence Related to Air Quality (various dates), docketed December 11, 2012	Air Quality
1024	68849	Applicant's Responses to Supplemental Data Response to Data Request #68 (Visual Resources), dated and docketed December 11, 2012	General; Visual Resources
1025	68850	Applicant's Response to SCAQMD's October 26, 2012 Email Request re Start/Stop Emissions and GHG Performance, dated December 7, 2012; docketed December 11, 2012	Air Quality
1026	68867	Applicant's (Jerry Salamy, CH2M Hill) correspondence to CEC Staff and South Coast Air Quality Management District, et al. re HBEP start/stop emissions and GHG Performance, dated and docketed December 12, 2012	Air Quality
1027	68876	Applicant's Responses to Intervenor Jason Pyle's Data Requests, Set 1 (#1-16), dated and docketed December 13, 2012	General; Noise & Vibration
1028	68934	Huntington Beach Energy Project Email to SCAQMD Regarding GHG Calculations and Heat Rates, dated December 19, 2012; docketed December 20, 2012	Air Quality
1029	69017	Applicant's Submittal of Email Correspondence Related to Air Quality (various dates); docketed January 3, 2013	Air Quality
1030	69020	Supplemental Response to Data Request #27 (Biological Resources), dated and docketed January 3, 2013	Biological Resources
1031	69074	Applicant's Request for Extension to Submit certain Data Responses Contained in CEC Staff's Data Responses Set Two (#73-98) and Objections, dated and docketed January 9, 2013	General
1032	69098	EPA's letter to S. O'Kane re Transfer of GHG PSD Permit Application to South Coast Air Quality Management District, dated January 10, 2013; docketed January 11, 2013	Air Quality

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1033	69179	Air Quality Modeling Files Related to Applicant's Response to Staff's Data Request AQ-11, dated and docketed January 17, 2013	Air Quality
1034	69180	Additional Responses to Jason Pyle's Data Requests, Set 1 (#1-16), dated and docketed January 17, 2013	Noise & Vibration
1035	69182	Applicant's Responses to Staff's Data Requests, Set 1 (AQ-11; BIO-23 through BIO-26), dated January 16, 2013; docketed January 17, 2013	Air Quality; Biological Resources
1036	69206	Applicant's Status Report, dated and docketed January 22, 2013	General
1037	69208	Applicant's Responses to Staff's Data Requests, Set 2 (#73-98), dated and docketed January 22, 2013	Noise & Vibration; Public Health; Socioeconomics; Soil & Water; Traffic & Transportation; Visual Resources
1038	69214	Applicant's Supplemental Files in Response to Staff's Visual Resources Data Request (#97), dated and docketed January 22, 2013	Visual Resources
1039	69243	Chris Perri's (South Coast Air Quality Management District) email to S. O'Kane, et al., and Jerry Salamy's response re HBEP Commissioning Emissions, dated and docketed January 23, 2013	Air Quality
1040	69373	Applicant's Supplemental Files in Response to Staff's Informal Request (Visual Resources), dated and docketed February 4, 2013	Visual Resources
1041	69415	Applicant's Response to Staff's Data Requests, Set 1, Data Request #40 (SOCIO-40), dated and docketed February 6, 2013	Socioeconomics
1042	69422	Correspondence Related to Air Quality – Ammonia Emissions (various dates), docketed February 6, 2013	Air Quality
1043	69446	Request for Extension to Submit Responses to Staff's Data Requests, Set 2 (#74-77), dated and docketed February 8, 2013	Public Health
1044	69514	Email from Robert Mason, CH2M Hill, to Felicia Miller, CEC, re HBEP Existing Workforce Question, dated and docketed February 12, 2013	Worker Safety & Fire Protection
1045	69545	Applicant's Responses to Staff's Data Requests, Set 3 (#99-103), dated and docketed February 15, 2013	Soil & Water Resources

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1046	69564	Applicant's Supplemental Responses to Staff's Data Requests, Set 2 (Water Resources #80-83 and Traffic and Transportation #92-94), dated and docketed February 15, 2013	Water Resources; Traffic & Transportation
1047	69631	Applicant's Responses to Staff's Data Requests, Set 2A (Public Health #74-77), dated and docketed February 22, 2013	Public Health
1048	69632	Air Quality Modeling Files Related to Applicant's Responses to Staff's Data Requests, Set 2A (Public Health #74-77) [disc included], dated and docketed February 22, 2013	Public Health
1049	69687	Letter from South Coast Air Quality Management District Requesting Additional Clarifying Information to Applicant dated February 19, 2013; docketed February 26, 2013	Air Quality
1050	69700	Applicant's Correspondence Related to Air Quality (January and February 2013); docketed February 27, 2013	Air Quality
1051	69878	Email to F. Miller from Robert Mason, CH2M Hill re Response to Email Request from CEC Staff on Use and Number of Stories for Specific HBEP Building, dated and docketed March 8, 2013	General; Project Description
1052	69888	Applicant's Supplemental Responses to Data Requests #31 (Biological Resources), dated and docketed March 11, 2013	Biological Resources
1053	69918	Applicant's Responses to Staff's Workshop Queries and Related Air Quality Modeling Files [disc included], dated and docketed March 14, 2013	Air Quality
1054	69919	Applicant's Response to Staff's Informal Inquiry Re HBGS Fuel Oil Tanks, dated March 13, 2013; docketed March 14, 2013	General; Project Description
1055	69920	Correspondence Related to Air Quality [Costa Mesa Meta Data and Related Files; disc included] (various dates); docketed March 14, 2013	Air Quality
1056	69921	Applicant's Correspondence Related to Existing HBGS Re Plot Plans [disc included], dated March 12, 2013; docketed March 14, 2013	Air Quality
1057	69947	Submittal of AutoCAD Files Related to Preliminary Grading and Drainage Plans (Water Resources) [disc included], dated and docketed March 18, 2013	Water Resources
1058	69948	Submittal of email correspondence re Tanks, dated March 9, 2013; docketed March 18, 2013	General; Project Description
1059	69961	Revision to Construction and Demolition Schedule, dated March 18, 2013; docketed March 19, 2013	General; Project Description

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1060	69967	Additional Construction and Demolition Information, dated March 29, 2013; docketed March 20, 2013	General; Project Description
1061	69969	Applicant's Information regarding Construction Risk Value (Public Health) (various dates); docketed March 20, 2013	Public Health
1062	70167	Applicant's Submittal of Air Quality Correspondence [disc included] (various dates); docketed March 27, 2013	Air Quality
1063	70291	Applicant's Status Report, dated and docketed April 15, 2013	General
1064	70403	Geologic Resources: Final Site Investigation Report for Soil and Groundwater for HBGS, dated May 1998 [disc included]; docketed April 19, 2013	Geological Resources; Soil & Water Resources
1065	70762	Correspondence Related to Air Quality (various dates); docketed May 10, 2013	Air Quality
1066	70865	Applicant's Responses to Data Requests, Set 4, #104-106 Air Quality Modeling, dated and docketed May 17, 2013	Air Quality
1067	70870	Applicant's Responses to Data Requests, Set 5, #107-109 Public Health, dated and docketed May 17, 2013	Public Health
1068	70957	Applicant's Status Report dated and docketed May 24, 2013	General
1069	71338	Applicant's Responses to Staff's Informal Requests (Visual Resources), dated and docketed June 19, 2013	Visual Resources
1070	71513	Applicant's Correspondence Related to Air Quality (various dates), docketed July 3, 2013	Air Quality
1071	71529	Applicant's Status Report, dated and docketed July 8, 2013	General
1072	71601	Correspondence with CEC's F. Miller Re Cheng Cycle Technology Information, dated July 12, 2013; docketed July 15, 2013	Air Quality
1073	200042	Applicant's Correspondence to South Coast Air Quality Management District, dated July 17, 2013; docketed July 25, 2013	Air Quality
1074	200050	Applicant's Request for Scheduling Conference and/or Scheduling Order dated and docketed July 26, 2013	General
1075	200362	Applicant's Response to SCAQMD's June 7, 2013 Data Request, dated August 26, 2013; docketed August 28, 2013	Air Quality

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1076	200363	Applicant's Offsite Consequence Analysis (Hazardous Materials Handling), dated August 27, 2013; docketed August 28, 2013	Hazardous Materials Handling
1077	200375	Correspondence re Air Quality (various dates); docketed August 29, 2013	Air Quality
1078	200380	Applicant's Status Report (September 2013), dated and docketed August 30, 2013	General
1079	200424	Applicant's Response to Staff's Status Report and Request for Status Conference, dated and docketed September 9, 2013	General
1080	200631	CAISO Phase I Interconnection Study Report Related to HBEP, dated January 31, 2013; docketed September 24, 2013	Transmission System Engineering
1081	200675	Applicant's Responses to Staff's Informal Data Requests re Alternatives/Water Resources, dated and docketed September 30, 2013	Alternatives; Soil & Water Resources
1082	200698	Applicant's Status Report, dated and docketed October 1, 2013	General
1083	200949	Applicant's 1-Hour NO ² Competing Source Inventory, dated and docketed October 18, 2013; <i>see also</i> , Letter from K. Hellwig to Felicia Miller dated December 11, 2013 transmitting related Modeling Files [3 discs]	Air Quality
1084	201096	Applicant's Status Report, dated and docketed November 1, 2013	General
1085	201106	Applicant's Resubmission of Data Responses, Set 1B, 4, and 5 to DR 23 to 26 (Biological Resources), 104 to 106 (Air Quality), and 107 to 109 (Public Health), dated and docketed November 4, 2013	Air Quality; Biological Resources; Public Health
1086	201109	Applicant's Letter to F. Miller re AQ Modeling Files Submitted with Revised Responses, Set 1B, 4, and 5, dated and docketed November 4, 2013	Air Quality
1087	201142	Applicant's Comments on PSA, Part A, dated and docketed November 7, 2013	Biological Resources; Land Use; Noise; Socioeconomics; Soil & Water Resources; Traffic & Transportation; Visual Resources; Waste Management
1088	201229	Applicant's Air Quality Correspondence and Emails (various dates), docketed November 15, 2013	Air Quality
1089	201352	Applicant's Status Report (December 2013), dated and docketed December 2, 2013	General

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1090	201437	Applicant's Follow-up to PSA Part A Workshop, dated and docketed December 13, 2013	Biological Resources; Cultural Resources; Land Use; Noise; Socioeconomics; Soil & Water Resources; Traffic & Transportation; Compliance
1091	201471	Applicant's Letter re Receipt of Preliminary Staff Assessment - Part A, Supplemental Focused Analysis, dated and docketed December 23, 2013	General
1092	201469	CAISO Cluster 5 Phase II Interconnection Study (App. A, Att. #4 submitted separately), dated December 3, 2013; docketed December 23, 2013	Transmission System Engineering
1093	201501	Applicant's Status Report (January 2014), dated and docketed January 2, 2014	General
1094	201570	Applicant's Resubmission of Data Responses, Set 4 (Updated Response to Data Request 104 [Air Quality]), dated and docketed January 17, 2014	Air Quality
1095	201572	Discs Containing Air Modeling Files Related to Resubmission of Data Responses, Set 4, dated and docketed January 17, 2014	Air Quality
1096	201582	Applicant's Comments on Staff's Supplemental Focused Analysis, PSA Part A, dated and docketed January 21, 2014	Biological Resources; Cultural Resources; Soil & Water Resources; Visual Resources
1097	201632-1 ¹	Applicant's Status Report (February 2014), dated and docketed on February 3, 2013	General
1098	201820	Status Report (March 2014) and Request for Scheduling Order, dated and docketed March 3, 2014	General
1099	201840	Applicant's Comments on SCAQMD's Preliminary Determination of Compliance, dated and docketed March 7, 2014	Air Quality
1100	201938	Applicant's Status Report (April 2014), dated and docketed April 1, 2014	General
1101	201969	Applicant's Comments on Preliminary Staff Assessment, Part B, dated and docketed April 7, 2014	Alternatives; Soil & Water Resources; Air Quality; Public Health

¹ According to the CEC on 2/3/2014, there were problems with the docketing system and this docket number is a result of those problems.

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1102	201970	Applicant's Status Conference Statement, dated and docketed April 7, 2014	General
1103	202003	Applicant's Transmittal of South Coast Air Quality Management District's Preliminary Determination of Compliance, dated April 1, 2014, docketed April 11, 2014	Air Quality
1104	202095	Applicant's Revised TSE Figure 3.1-1R dated April 15, 2014; docketed April 17, 2014	General
1105	202108	Applicant's Letter to F. Miller re Follow-up to PSA Part B Workshop, dated and docketed April 18, 2014	Biological Resources; Alternatives (Soil & Water Resources)
1106	202186	Applicant's Revised Data Responses 104 dated and docketed April 22, 2014	Air Quality
1107	202281	Applicant's Status Report (May 2014), dated and docketed May 1, 2014	General
1108	202292	Applicant's Comments on the PDOC dated and docketed May 5, 2014	Air Quality
1109	202414	Applicant's Status Report (June 2014), dated and docketed June 2, 2014	General
1110	202479	Applicant's Transmittal of the City of Huntington Beach Urban Water Management Plan, dated June 2011; docketed June 23, 2014	Alternatives; Water Resources
1111	202535	Applicant's Submittal of Historical HBGS Photographs (circa. 1959), dated and docketed June 23, 2014	Cultural Resources
1112	202598	Declaration of Lisa Valdez in Support of Applicant's Opening Testimony, dated June 24, 2014; docketed June 26, 2014	Traffic & Transportation
1113	202599	Declaration of Mark Bastasch in Support of Applicant's Opening Testimony, dated June 21, 2014; docketed June 26, 2014	Noise & Vibration
1114	202600	Declaration of Jennifer Krenz-Ruark in Support of Applicant's Opening Testimony, dated June 23, 2014; docketed June 26, 2014	
1115	202601	Declaration of Horacio Larios in Support of Applicant's Opening Testimony, dated June 10, 2014; docketed June 26, 2014	Facility Design; Project Description
1116	202602	Declaration of W. Geoffrey Spaulding, Ph.D. in Support of Applicant's Opening Testimony, dated June 15, 2014; docketed June 26, 2014	Paleontological Resources
1117	202603	Declaration of Futuma Yusuf, Ph.D. in Support of Applicant's Opening Testimony, dated June 23, 2014; docketed June 26, 2014	Socioeconomics

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1118	202604	Applicant's Correspondence to SCAQMD re Class II Visibility, dated May 16, 2014; docketed June 26, 2014	Air Quality
1119	202605	Applicant's Correspondence to SCAQMD re Verification of PDOC Public Notice Distribution, dated June 18, 2014; docketed June 26, 2014	Air Quality
1120	202606	Declaration of Thomas Lae in Support of Applicant's Opening Testimony, dated June 10, 2014; docketed June 26, 2014	Geological Resources
1121	202607	Declaration of Robert Mason in Support of Applicant's Opening Testimony, dated June 24, 2014; docketed June 26, 2014	Alternatives; Land Use; Project Description
1122	202608	Declaration of Sarah Madams in Support of Applicant's Opening Testimony, dated June 25, 2014; docketed June 26, 2014	Hazardous Materials; Worker Safety & Fire Protection; Waste Management
1123	202609	Declaration of Melissa Fowler in Support of Applicant's Opening Testimony, dated June 16, 2014; docketed June 26, 2014	Biological Resources
1124	202610	Declaration of Matthew Franck in Support of Applicant's Opening Testimony, dated June 23, 2014; docketed June 26, 2014	Water Resources
1125	202611	Declaration of Thomas J. Priestley, Ph.D. in Support of Applicant's Opening Testimony, dated and docketed June 26, 2014	Visual Resources
1126	202613	Declaration of Robert Sims in Support of Applicant's Opening Testimony, dated June 25, 2014; docketed June 26, 2014	Transmission System Engineering; Transmission Line Safety & Nuisance
1127	202614	Declaration of Robert J. Dooling, Ph.D. in Support of Applicant's Opening Testimony, dated June 24, 2014; docketed June 26, 2014	Biological Resources (Noise)
1128	202615	Declaration of Clint Helton in Support of Applicant's Opening Testimony, dated June 25, 2014; docketed June 26, 2014	Cultural Resources
1129	202616	Declaration of Jerry Salamy in Support of Applicant's Opening Testimony, dated June 26, 2014; docketed June 26, 2014	Air Quality; Public Health; Alternatives
1130	202626	Declaration of Stephen O'Kane in Support of Applicant's Opening Testimony, dated and docketed June 26, 2014	General; Air Quality; Project Description; Facility Design
1131	202632	Applicant's Submittal of Air Quality Correspondence (various dates), docketed June 30, 2014	Air Quality
1132	202635	Applicant's Opening Testimony, including Exhibits A through M, dated and docketed June 30, 2014	All Topics

TAB #	CEC TN #	BRIEF DESCRIPTION/DATE	TECHNICAL TOPIC(S)
1133	202669	Applicant's Prehearing Conference Statement, dated and docketed July 7, 2014	All Topics
1134	202084	City of Huntington Beach Resolution No. 2104-18 Supporting Proposed Architectural Improvements for HBEP, dated April 7, 2014; docketed April 16, 2014	Visual Resources
1135	202677	Supplemental Declaration of Jerry Salamy, dated July 10, 2014; docketed July 11, 2014	Air Quality
1136	202678	Supplemental Declaration of Stephen O'Kane, dated July 10, 2014; docketed July 11, 2014	Air Quality; General
1137	202680	Applicant's Rebuttal Testimony, dated and docketed July 11, 2014	All Topics
1138	202710	Email from Applicant's Counsel to All Parties attaching Land Use LORS as requested by Hearing Officer, dated July 14, 2014 (docketed July 15, 2014)	Land Use
1139	202774	Final Determination of Compliance published by the South Coast Air Quality District, dated July 18, 2014 (docketed July 20, 2014)	Air Quality; Public Health
1140	202788	Applicant's PowerPoint Presentation presented at the Evidentiary Hearing (Visual Resources); dated July 21, 2014 (docketed July 24, 2014)	Visual Resources
1141	202787	Applicant's PowerPoint Presentation presented at the Evidentiary Hearing (Cultural Resources); dated July 21, 2014 (docketed July 24, 2014)	Cultural Resources
1142	202855	Applicant's Prehearing Statement, dated and docketed July 31, 2014	Land Use; Hazardous Materials; Water Resources; Soils and Geology; Greenhouse Gases; Waste Management; Compliance Conditions
1143	TBD	Applicant's Response to Questions Set Forth in the Order After Prehearing Conference, dated and docketed July 31, 2014	Project Description; Alternatives; Water Resources; Biological Resources; Visual Resources; Fracking/Seismic Impacts; Compliance