

# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

## Title V Permit Summary

AQMD Facility ID:	115389	Company Name:	AES HUNTINGTON BEACH														
Equipment Location:	21730 NEWLAND ST, HUNTINGTON BEACH, CALIFORNIA 92646		SIC Code: 4911														
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected:															
Application #(s):	426085	Application Submittal Date(s):	02/13/04														
AQMD Contact Person:	CHRIS PERRI	Phone #:	(909) 396- 2696														
		E-Mail Address:	cperri@aqmd.gov														
<p>Project Description: This is an existing facility applying for a renewal to their Title V permit. The facility produces electrical power for the California energy market. This facility operates four natural gas fired utility boiler/steam turbine generators, all 4 units are equipped with SCR, and the two larger units are equipped with CO oxidation catalysts. There are also two diesel-fueled fire pump engines, and one 30,000 gallon urea storage tank. The approximate total facility generating capacity is 1,310 MWs.</p>																	
<p>Permit Type: <input type="checkbox"/> Initial Title V Permit    <input type="checkbox"/> Significant Revision  <input checked="" type="checkbox"/> Permit Renewal</p>																	
<p>Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements    <input type="checkbox"/> Permit Shield Applies  <input checked="" type="checkbox"/> Permit Contains Conditions Allowing Emission Trading    <input type="checkbox"/> Alternative Operating Scenario  <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements    <input type="checkbox"/> Other  <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance</p>																	
<p>Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: 2010</p>		<p><input type="checkbox"/> No TACs Reported  <input checked="" type="checkbox"/> The Following TACs Were Reported:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: right;">Emissions (lbs/yr):</th> </tr> </thead> <tbody> <tr> <td>AMMONIA</td> <td style="text-align: right;">20,048</td> </tr> <tr> <td>BENZENE</td> <td style="text-align: right;">23.18</td> </tr> <tr> <td>FORMALDEHYDE</td> <td style="text-align: right;">49.12</td> </tr> <tr> <td>NAPHTHALENE</td> <td style="text-align: right;">4.09</td> </tr> <tr> <td>PAH</td> <td style="text-align: right;">1.36</td> </tr> <tr> <td>1,3 BUTADIENE</td> <td style="text-align: right;">0.016</td> </tr> </tbody> </table>			Emissions (lbs/yr):	AMMONIA	20,048	BENZENE	23.18	FORMALDEHYDE	49.12	NAPHTHALENE	4.09	PAH	1.36	1,3 BUTADIENE	0.016
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<p>Health Risk From Toxic Air Contaminants:</p>		<p><input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date):  <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401)  <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588)  <input type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements  <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588  <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed  <input checked="" type="checkbox"/> Final Facility Health Risk Approved <u>2000</u>  Cancer Risk = <u>0.11 in a million</u>  Acute Hazard Index = <u>0.00</u>  Chronic Hazard Index = <u>0.00</u></p>															
<p>Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year: 2010</p>		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><input checked="" type="checkbox"/> NOx</td> <td style="width: 25%; text-align: center;">26.15</td> <td style="width: 25%;"><input checked="" type="checkbox"/> PM</td> <td style="width: 25%; text-align: center;">16.35</td> </tr> <tr> <td><input checked="" type="checkbox"/> CO</td> <td style="text-align: center;">800.58</td> <td><input checked="" type="checkbox"/> SOx</td> <td style="text-align: center;">4.22</td> </tr> <tr> <td><input checked="" type="checkbox"/> VOC</td> <td style="text-align: center;">12.29</td> <td><input type="checkbox"/> Other:</td> <td></td> </tr> </table>		<input checked="" type="checkbox"/> NOx	26.15	<input checked="" type="checkbox"/> PM	16.35	<input checked="" type="checkbox"/> CO	800.58	<input checked="" type="checkbox"/> SOx	4.22	<input checked="" type="checkbox"/> VOC	12.29	<input type="checkbox"/> Other:			
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<p>Compliance History: <input checked="" type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years ( 1 )  <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years ( 2 )  <input type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years ( 0 )</p>																	
<p>Comments: All Notices to Comply and citizen complaint have been resolved and facility is currently in compliance.</p>																	