

**San Joaquin Valley  
Unified Air Pollution Control District**

**Best Performance Standard (BPS) x.x.xx**

Date: November 1, 2011

Class and Category	<p style="text-align: center;">Cogeneration – Topping Cycle Plants (not including Combined Cycle units) <u>Subcategories:</u></p> <ol style="list-style-type: none"> <li>1. Natural Gas-Fired IC Engines</li> <li>2. Natural Gas-Fired Turbines (not including oilfield cogeneration units)</li> <li>3. Oilfield Natural Gas-Fired Turbines</li> </ol>
Best Performance Standard	<ol style="list-style-type: none"> <li>1. <u>Natural Gas-Fired IC Engines</u> Emissions Performance Design Standard of 700 lb-CO<sub>2</sub>e per MWh of Useful Energy at ISO Conditions</li> <li>2. <u>Natural Gas-Fired Turbines (not including oilfield cogeneration units)</u> Emissions Performance Design Standard of 800 lb-CO<sub>2</sub>e per MWh of Useful Energy at ISO Conditions</li> <li>3. <u>Oilfield Natural Gas-fired Turbines</u> Emissions Performance Design Standard of 800 lb-CO<sub>2</sub>e per MWh of Useful Energy at ISO Conditions</li> </ol>
Percentage Achieved GHG Emission Reduction Relative to Baseline Emissions	<ol style="list-style-type: none"> <li>1. <u>Natural Gas-Fired IC Engines:</u>                   <b>36.4%</b></li> <li>2. <u>Natural Gas-Fired Turbines (not including oilfield cogeneration units):</u>                   <b>27.3%</b></li> <li>3. <u>Oilfield Natural Gas-Fired Turbines:</u>                   <b>27.3%</b></li> </ol>

District Project Number	C1100393
Evaluating Engineer	James Harader
Lead Engineer	Rupi Gill
Initial Public Notice Date	April 15, 2010
Final Public Notice Date	May 10, 2010
Determination Effective Date	November 1, 2011