

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

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

Date: April 15, 2010

Class and Category	Cogeneration – Topping Cycle Plants <u>Subcategories:</u>
	<ol style="list-style-type: none"> 1. Natural Gas-Fired IC Engines 2. Natural Gas-Fired Turbines (not including oilfield cogeneration units) 3. Oilfield Natural Gas-Fired Turbines
Best Performance Standard	<ol style="list-style-type: none"> 1. <u>Natural Gas-Fired IC Engines</u> Emissions Performance Standard of 700 lb-CO₂e per MWh of Useful Energy 2. <u>Natural Gas-Fired Turbines (not including oilfield cogeneration units)</u> Emissions Performance Standard of 800 lb-CO₂e per MWh of Useful Energy 3. <u>Oilfield Natural Gas-fired Turbines</u> Emissions Performance Standard of 800 lb-CO₂e per MWh of Useful Energy
Percentage Achieved GHG Emission Reduction Relative to Baseline Emissions	<ol style="list-style-type: none"> 1. <u>Natural Gas-Fired IC Engines:</u> 36.4% 2. <u>Natural Gas-Fired Turbines (not including oilfield cogeneration units):</u> 27.3% 3. <u>Oilfield Natural Gas-Fired Turbines:</u> 27.3%

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	TBD