

## DOCKETED

<b>Docket Number:</b>	16-SPPE-01
<b>Project Title:</b>	AltaGas Pomona Energy
<b>TN #:</b>	210812-5
<b>Document Title:</b>	Appendix 4.13A
<b>Description:</b>	Application for Small Power Plant Exemption Volume 2
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<b>Organization:</b>	AltaGas Pomona Energy, Inc.
<b>Submitter Role:</b>	Applicant
<b>Submission Date:</b>	3/22/2016 12:28:10 PM
<b>Docketed Date:</b>	3/21/2016

Appendix 4.13A  
FHWA Visual Worksheets



Visual Resource Survey:		PRP	Existing Conditions
KOP Location:	View from the San Gabriel Valley Conservation Corps YouthBuild Charter High School		Viewpoint: <b>KOP 1</b>
Landscape Unit:	NA		Date: Dec-15
Viewpoint Description (Figure Caption):	View to the north-northwest from along West Second Street. The tallest portions of the former San Gabriel Cogeneration power plant (stack and two square-shaped structures and associated scaffolding) are visible across the center of the view. Located south of the rail lines, this view also represents views from the closest single-family residence as well as a charter high school.		
Photo Orientation:	N-NW		
Viewer Position:	_____ Inferior <u>  X  </u> Level    _____ Superior		
View	Notes		
Foreground (0 - 1/2 mile)	Existing infrastructure associated with a nearby light industrial operation (welding company), abandoned warehouse, transmission structures, and former San Gabriel Cogeneration power plant combine to create a light industrial landscape. The project site is located beyond the transmission structures and abandoned warehouse building with visible stacks, coiled scaffolding and pipes from the former San Gabriel Cogeneration Plant. Undulating mountain forms add an element of visual interest in the backdrop of the view.		
Middleground (1/2 - 4 miles)	The middleground is completely obscured by light industrial development in the foreground view.		
Background (> 4 miles)	The background includes partially obscured mountain forms spanning across the central and right portions of the view.		
Vividness			
Feature	Score*	Notes	
Landform	4	Flat plane of urban development gives rise to mountain forms in the backdrop of the view.	
Vegetation	3	A single deciduous tree is visible on the right side of the view. Swaths of gray vegetative cover are visible in the background along the slopes of undulating mountain forms.	
Water Feature	N/A		
Human-Made	4.5	A mix of diagonal features (roofline of warehouses), horizontal features (fencing, transmission lines and roadway infrastructure), and vertical features (transmission poles, tanks, stack) create layered bands across the view which reinforce the light industrial landscape. The existing San Gabriel Cogeneration stack, exhaust units, and coiled scaffolding and pipes are partially obscured by intervening development and are distinct vivid elements in the view.	
Overall	<b>3.8</b>	This view is occupied entirely by human-made structures with the most vivid features consisting of the former San Gabriel Cogeneration power plant which add distinct elements of visual interest to the landscape.	

Visual Resource Survey:		PRP	With Project
KOP Location:	View from the San Gabriel Valley Conservation Corps YouthBuild Charter High School		Viewpoint: <b>KOP 1</b>
Landscape Unit:	NA		Date: Dec-15
Viewpoint Description (Figure Caption):	View from KOP 1 with PRP constructed.		
Photo Orientation:	N-NW		
Viewer Position:	_____ Inferior <u>  X  </u> Level    _____ Superior		
View	Notes		
Foreground (0 - 1/2 mile)	The San Gabriel Cogeneration structures have been removed and replaced by PRP structures.		
Middleground (1/2 - 4 miles)	Same		
Background (> 4 miles)	Same		
Vividness			
Feature	Score*	Notes	
Landform	4	No change	
Vegetation	3	No change	
Water Feature	N/A		
Human-Made	3.5	Reduction of scale and height of power plant structures decreases the degree of industrial development. Removal of the former San Gabriel Cogeneration structures (inclusive of scaffolding) are replaced by a smaller sleeker design that is partially obscured through intervening structures.	
Overall	<b>3.5</b>	With the removal and replacement of the existing view's most prominent features, the skyline is more visible. As a result, the view continues to have a moderately low level of vividness.	

Visual Resource Survey:		PRP	Existing Conditions
KOP Location:		View from the San Gabriel Valley Conservation Corps YouthBuild Charter High School	Viewpoint: <b>KOP 1</b>
Landscape Unit:		NA	Date: Dec-15
Intactness			
Overall	<b>2.5</b>	In this urbanized landscape, the mix of vertical forms (including a stack, tanks, and transmission structures) and horizontal forms (fencing, transmission lines, roadway) in the foreground clutters the view. Human-made features are visible in the immediate foreground and obscure views beyond, including those of the rolling mountains in the background, creating a low level of intactness.	
Unity			
Overall	<b>3</b>	Warehouse structures and energy-generating structures disrupt views of the mountains in the background. The overall view is typical of a light industrial zone along a street with a myriad of various land uses including a residential, educational, commercial, and industrial land uses.	
<b>Overall Visual Quality Score</b>	<b>3.1</b>	Moderately Low	

\*Score Key:  
1 - Very Low; 2 - Low; 3 - Moderately Low; 4 - Moderate; 5 - Moderately High; 6 - High; 7 - Very High

Visual Resource Survey:		PRP	With Project
KOP Location:		View from the San Gabriel Valley Conservation Corps YouthBuild Charter High School	Viewpoint: <b>KOP 1</b>
Landscape Unit:		NA	Date: Dec-15
Intactness			
Overall	<b>3</b>	With the removal of San Gabriel Cogeneration features, the existing industrial warehouses appear as the most dominant built features in the immediate foreground view. The new PRP HRSG unit appears in-line with the rooftops of adjoining warehouses while the new PRP stack appears in-line and for the most part obscured from a tank located on an adjoining property. The new streamlined forms slightly open up visibility in the center portion view creating a moderately low degree of visual intactness.	
Unity			
Overall	<b>3.5</b>	Scale and massing of PRP structures are consistent, and partially obscured, with adjoining industrial warehouse structures in the immediate foreground, creating a moderately low degree of visual cohesion.	
<b>Overall Visual Quality Score</b>	<b>3.3</b>	Moderately Low	

\*Score Key:  
1 - Very Low; 2 - Low; 3 - Moderately Low; 4 - Moderate; 5 - Moderately High; 6 - High; 7 - Very High

Visual Resource Survey:		PRP	Existing Conditions
KOP Location:	View from Holt Avenue at North Currier Street		Viewpoint: <b>KOP 2</b>
Landscape Unit:	NA		Date: Dec-15
Viewpoint Description (Figure Caption):	View to the southwest from a local religious fixture located at the intersection of West Holt Avenue and North Currier Street. Signage indicating the presence of a motel skirts the right edge of the view. Views of the project site are obscured behind a large blocky industrial warehouse spanning across the entire view.		
Photo Orientation:	SW		
Viewer Position:	_____ Inferior <u>  X  </u> Level    _____ Superior		
View	Notes		
Foreground (0 - 1/2 mile)	The foreground is occupied by mixed uses including a church and associated school, motel, and large-scale industrial warehouse structure.		
Middleground (1/2 - 4 miles)	The project site is located within the immediate middleground, but is completely obscured by intervening development and vegetation. A gentle rolling hillside is partially visible in the center of the view.		
Background (> 4 miles)	N/A		
Vividness			
Feature	Score*	Notes	
Landform	3.5	Flat, horizontal plain dominated by a developed mixed-use landscape. A gentle rolling hillside is visible rising above the horizontal plain the in far-middleground view.	
Vegetation	3.5	Linear row of deciduous trees with consistent form and height are visible along the southern side of Holt Avenue. Additional deciduous trees at varied heights and forms are also visible in the right side of the view.	
Water Feature	N/A		
Human-Made	4	The St. Joseph Roman Catholic Church and School stands out as a relatively unique and dominant human-made feature in the view. The large-scale blocky industrial warehouse structure, though partially obscured by intervening structures and vegetation, spans across the entire view.	
Overall	<b>3.7</b>	This view is occupied by mostly human-made structures with the hillside in the backdrop. The project site is obscured from the view by intervening structures. The predominance of the church combined with surrounding commercial, residential, and industrial zones creates a moderately low level of vividness.	
Intactness			
Overall	<b>4</b>	The visual horizontal elements (vegetative linear pattern) and vertical elements (light poles) create a relatively cohesive pattern of development resulting in a moderate level of intactness in the view.	

Visual Resource Survey:		PRP	With Project
KOP Location:	View from Holt Avenue at North Currier Street		Viewpoint: <b>KOP 2</b>
Landscape Unit:	NA		Date: Dec-15
Viewpoint Description (Figure Caption):	View from KOP 2 with the PRP constructed. New PRP structures are not visible in this view.		
Photo Orientation:	SW		
Viewer Position:	_____ Inferior <u>  X  </u> Level    _____ Superior		
View	Notes		
Foreground (0 - 1/2 mile)	New PRP features would be constructed in the central portion of the immediate middleground view however the project site is completely obscured by the blocky industrial warehouse structure spanning the entire foreground view.		
Middleground (1/2 - 4 miles)	Same		
Background (> 4 miles)	Same		
Vividness			
Feature	Score*	Notes	
Landform	3.5	No change	
Vegetation	3.5	No change	
Water Feature	N/A		
Human-Made	4	No change	
Overall	<b>3.7</b>	The view continues to have a moderately low level of vividness.	
Intactness			
Overall	<b>4</b>	No change	

Visual Resource Survey:		PRP	Existing Conditions
KOP Location:	View from Holt Avenue at North Currier Street		Viewpoint: <b>KOP 2</b>
Landscape Unit:	NA		Date: Dec-15
Unity			
Overall	<b>3.5</b>	The overall view is one of mixed use development with a focal point on the left side of the view dominated by a church situated along a main thoroughfare.	
<b>Overall Visual Quality Score</b>	<b>3.7</b>	Moderately Low	

\*Score Key:  
1 - Very Low; 2 - Low; 3 - Moderately Low; 4 - Moderate; 5 - Moderately High; 6 - High; 7 - Very High

Visual Resource Survey:		PRP	With Project
KOP Location:	View from Holt Avenue at North Currier Street		Viewpoint: <b>KOP 2</b>
Landscape Unit:	NA		Date: Dec-15
Unity			
Overall	<b>3.5</b>	No change	
<b>Overall Visual Quality Score</b>	<b>3.7</b>	Moderately Low	

\*Score Key:  
1 - Very Low; 2 - Low; 3 - Moderately Low; 4 - Moderate; 5 - Moderately High; 6 - High; 7 - Very High

Visual Resource Survey:		PRP	Existing Conditions
KOP Location:	View from West Holt Avenue near North Weber Street	Viewpoint:	KOP 3
Landscape Unit:	NA	Date:	Dec-15
Viewpoint Description (Figure Caption):	View from the closest residence along West Holt Avenue. The tip of one exhaust stack associated with the existing San Gabriel Cogeneration power plant is visible above the rooftop of an industrial warehouse. The view is one of mixed uses including a commercial fast food business no longer in operation and two industrial warehouse buildings anchoring the center-right portions of the view.		
Photo Orientation:	NE		
Viewer Position:	_____ Inferior <u>  X  </u> Level    _____ Superior		
View	Notes		
Foreground (0 - 1/2 mile)	The foreground includes commercial fast food and industrial warehouse structures situated along West Holt Avenue. The project site is almost completely obscured from the view except for the tip of an exhaust stack reaching above the rooftop.		
Middleground (1/2 - 4 miles)	An undulating hillside spans across almost the entire middleground view.		
Background (> 4 miles)	N/A		
Vividness			
Feature	Score*	Notes	
Landform	4	Flat, horizontal plain dominated by a developed mixed-use landscape. An undulating hillside is visible rising above the horizontal plain the in middleground view.	
Vegetation	3.5	Deciduous trees and shrubs at varied heights and forms are visible in the center-right side of the view. Stippled swaths of gray vegetative cover are visible in the middleground along the hillside forms.	
Water Feature	N/A		
Human-Made	4	The view is dominated by a mixture of human-made features in no coherent pattern. Large blocky industrial warehouse structures anchor the foreground view. Vertical features, namely trees, transmission structures, and light poles extent above the horizon of the view.	
Overall	3.8	A mix of commercial and industrial uses results in a moderately low degree of vividness.	
Intactness			
Overall	3.5	In this urbanized landscape, the vertical forms (including stack, transmission structures, trees, and light poles) and horizontal forms (roadway, fencing, and transmission lines) extend across the foreground cluttering the view. The existing exhaust stack is visible above a warehouse rooftop in the center of the view. Human-made features are visible along the horizon as well as above the horizon spanning the entire view creating a moderately low level of intactness.	

Visual Resource Survey:		PRP	With Project
KOP Location:	View from West Holt Avenue near North Weber Street	Viewpoint:	KOP 3
Landscape Unit:	NA	Date:	Dec-15
Viewpoint Description (Figure Caption):	View from KOP 3 with the PRP constructed. The tip of the PRP stack is visible in the center-left portion of the view.		
Photo Orientation:	NE		
Viewer Position:	_____ Inferior <u>  X  </u> Level    _____ Superior		
View	Notes		
Foreground (0 - 1/2 mile)	The top portion of the single San Gabriel Cogeneration exhaust stack structure has been removed and replaced by one PRP stack structure which is also barely visible above the rooftop in the center-left portion of the view.		
Middleground (1/2 - 4 miles)	No change		
Background (> 4 miles)	N/A		
Vividness			
Feature	Score*	Notes	
Landform	4	No change	
Vegetation	3.5	No change	
Water Feature	N/A		
Human-Made	4	The addition of the new PRP stack is similar in visibility of the existing stack with no degree of change resulting in a moderate level of human-made vividness.	
Overall	3.8	The view continues to have a moderately low level of vividness.	
Intactness			
Overall	3.5	The removal of one stack replaced by another results in no degree of change.	

Visual Resource Survey:		PRP	Existing Conditions
KOP Location:		View from West Holt Avenue near North Weber Street	Viewpoint: <b>KOP 3</b>
Landscape Unit:		NA	Date: Dec-15
Unity			
Overall	<b>3.5</b>	The mixture of vertical, horizontal and diagonal elements appear in no apparent order. Developed areas are disrupted sharply by the undulating hillside in the middleground view creating a moderately low level of visual unity.	
<b>Overall Visual Quality Score</b>	<b>3.6</b>	Moderately Low	

\*Score Key:  
1 - Very Low; 2 - Low; 3 - Moderately Low; 4 - Moderate; 5 - Moderately High; 6 - High; 7 - Very High

Visual Resource Survey:		PRP	With Project
KOP Location:		View from West Holt Avenue near North Weber Street	Viewpoint: <b>KOP 3</b>
Landscape Unit:		NA	Date: Dec-15
Unity			
Overall	<b>3.5</b>	The overall visual unity remains the same. The removal of one stack from the existing San Gabriel Cogeneration power plant is replaced by one new PRP stack. Though barely visible, the tip of the new PRP stack continues to point toward the presence of power generation within the landscape.	
<b>Overall Visual Quality Score</b>	<b>3.6</b>	Moderately Low	

\*Score Key:  
1 - Very Low; 2 - Low; 3 - Moderately Low; 4 - Moderate; 5 - Moderately High; 6 - High; 7 - Very High