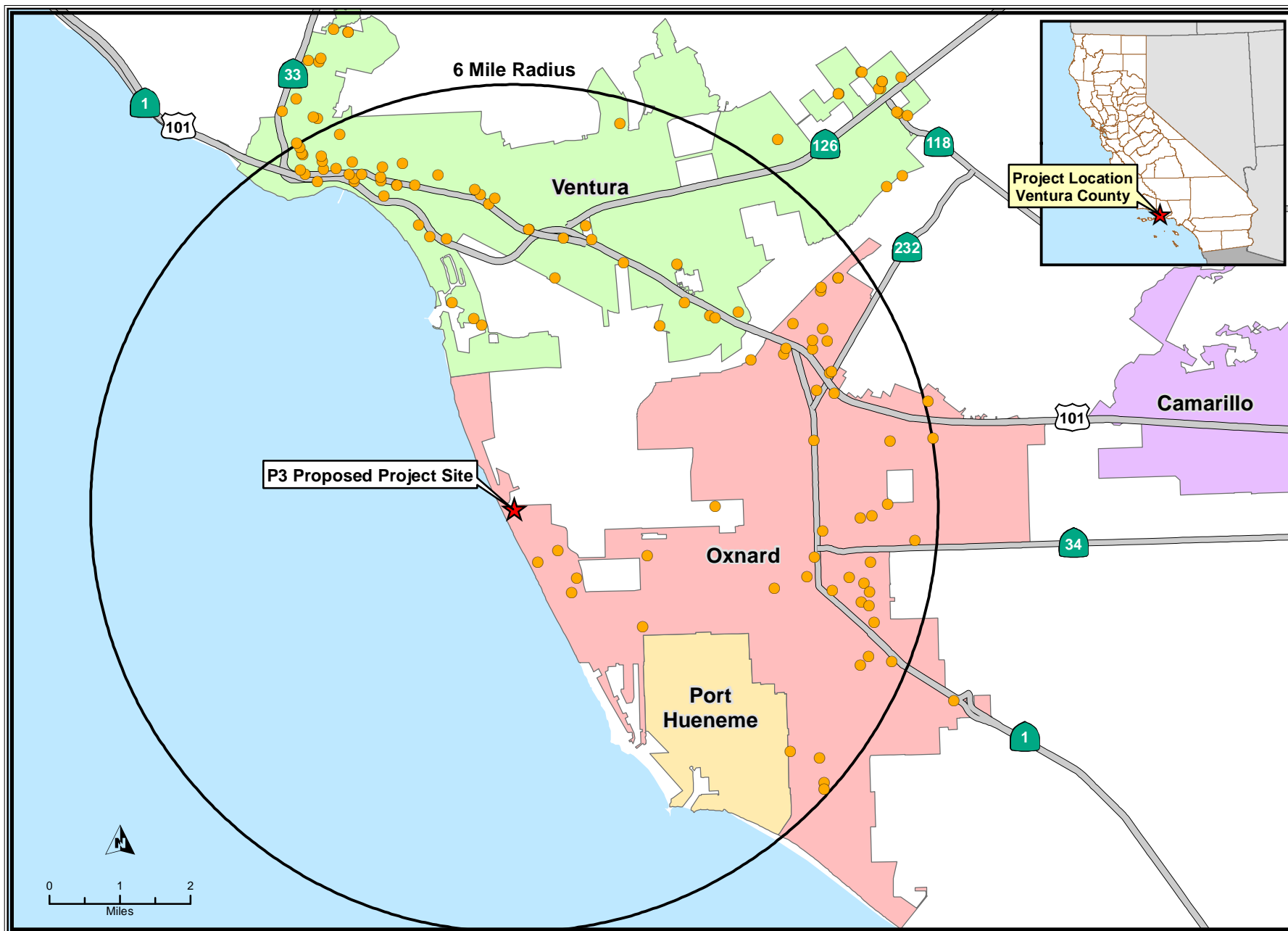


DOCKETED

| | |
|-------------------------|--|
| Docket Number: | 15-AFC-01 |
| Project Title: | Puente Power Project |
| TN #: | 214797 |
| Document Title: | Figures for Executive Summary, Alternatives and Visual Resources |
| Description: | These figures were not included in the FSA that was published on December 8, 2016. |
| Filer: | Cenne Jackson |
| Organization: | California Energy Commission |
| Submitter Role: | Commission Staff |
| Submission Date: | 12/14/2016 3:18:17 PM |
| Docketed Date: | 12/14/2016 |

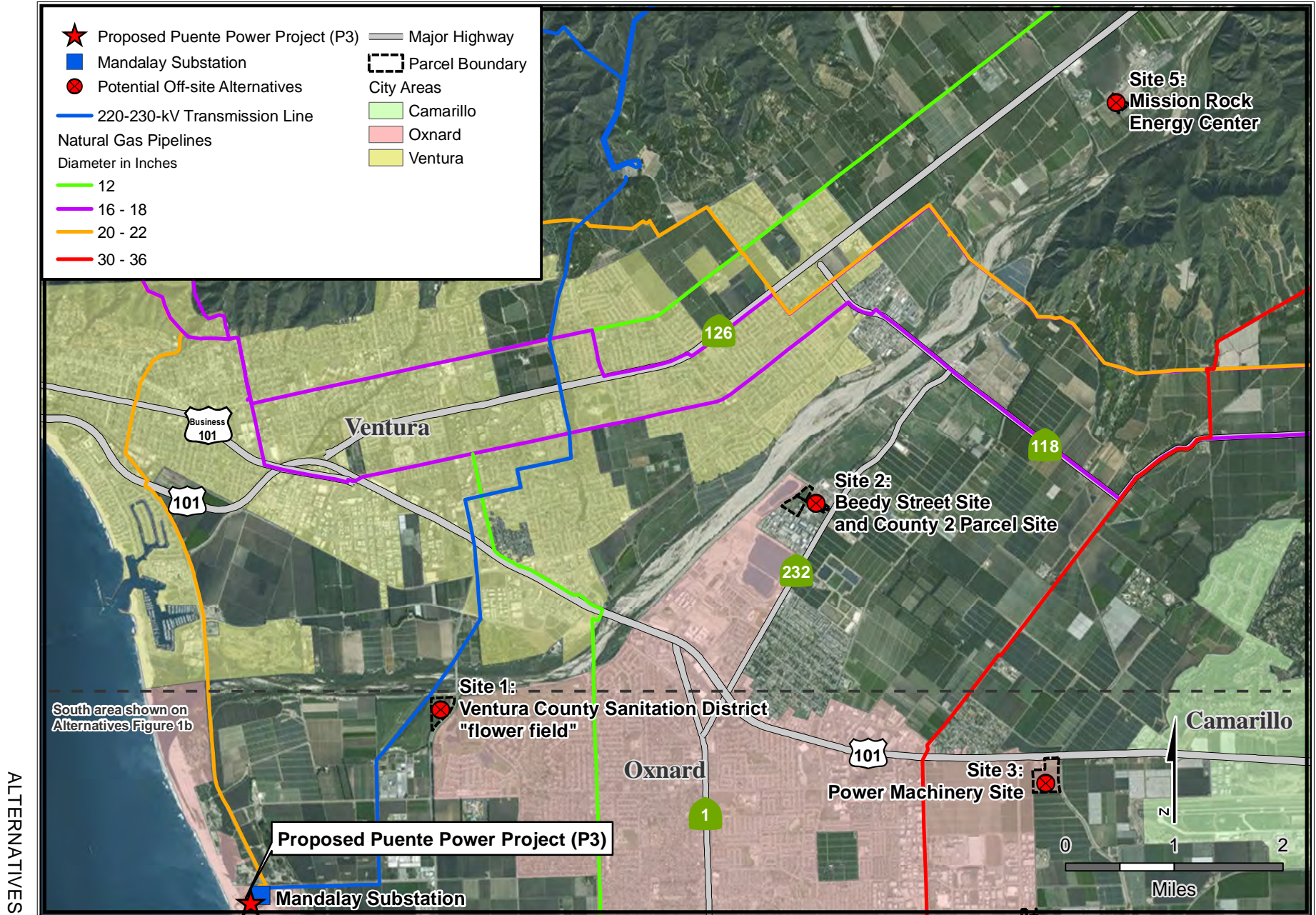
EXECUTIVE SUMMARY FIGURE 1
Puente Power Project Cumulative Projects Map



EXECUTIVE SUMMARY

ALTERNATIVES - FIGURE 1a

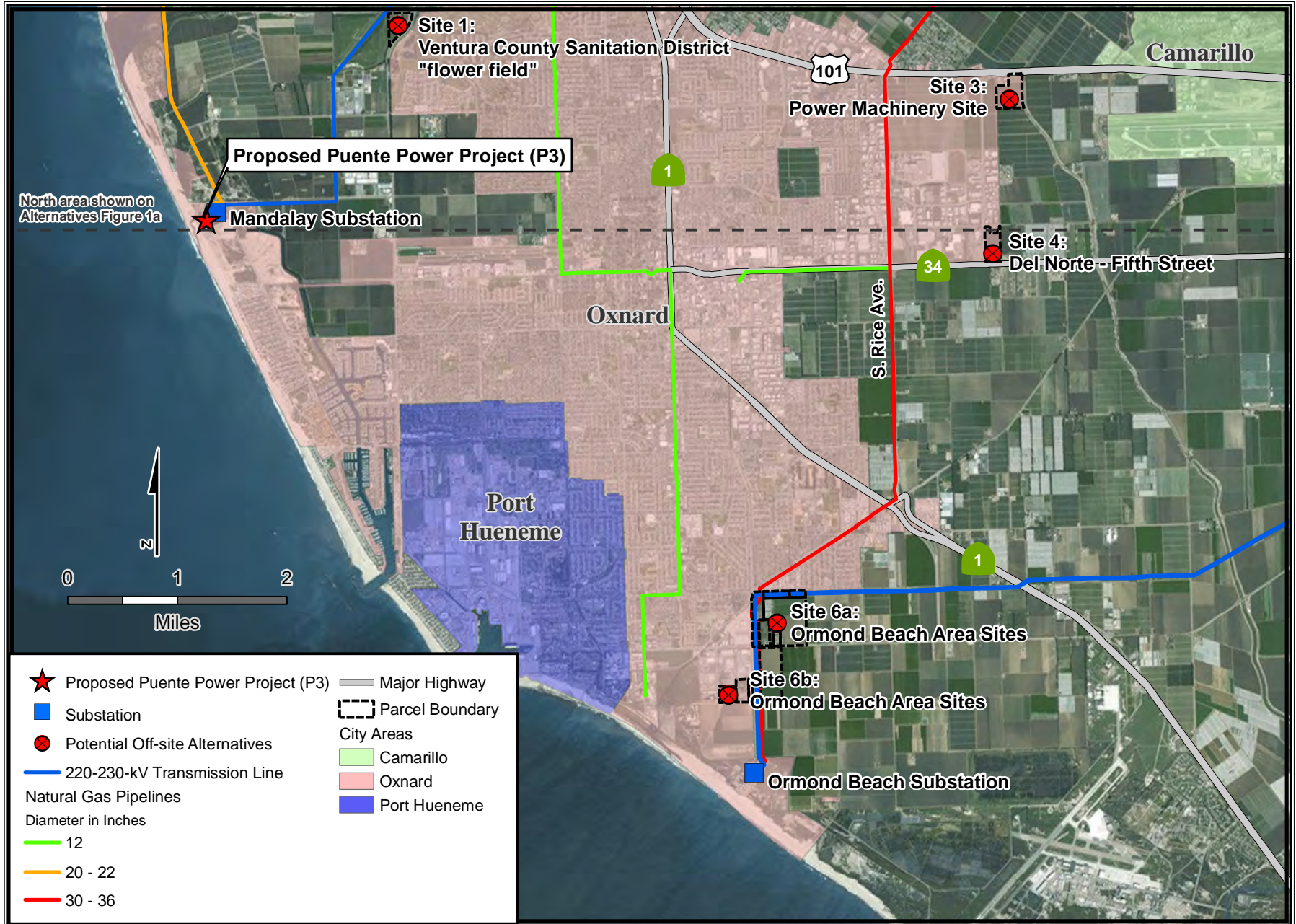
Puente Power Project - Potential Off-site Alternatives Identified by the City of Oxnard (North Map)



ALTERNATIVES

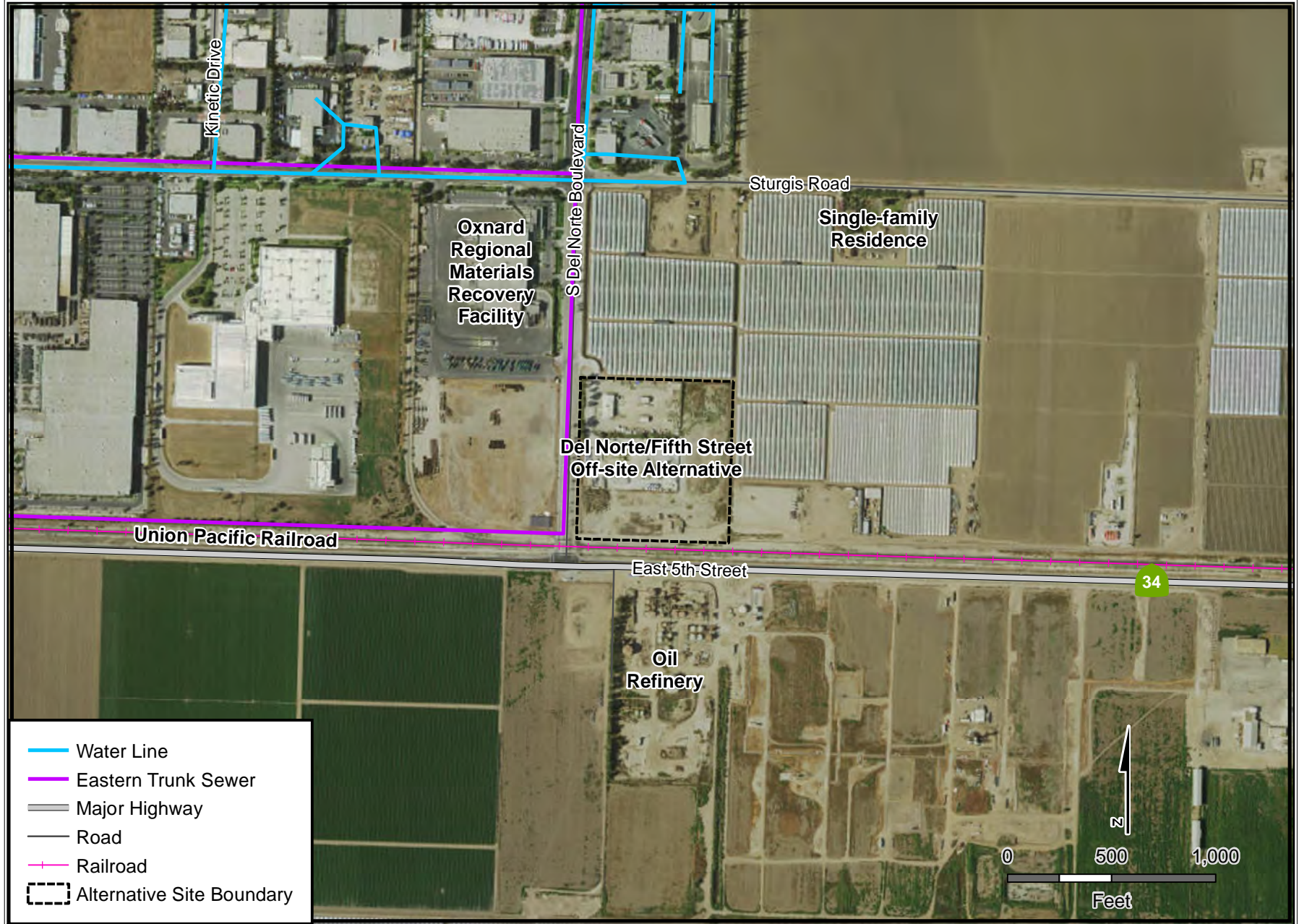
ALTERNATIVES - FIGURE 1b

Puente Power Project - Potential Off-site Alternatives Identified by the City of Oxnard (South Map)



ALTERNATIVES

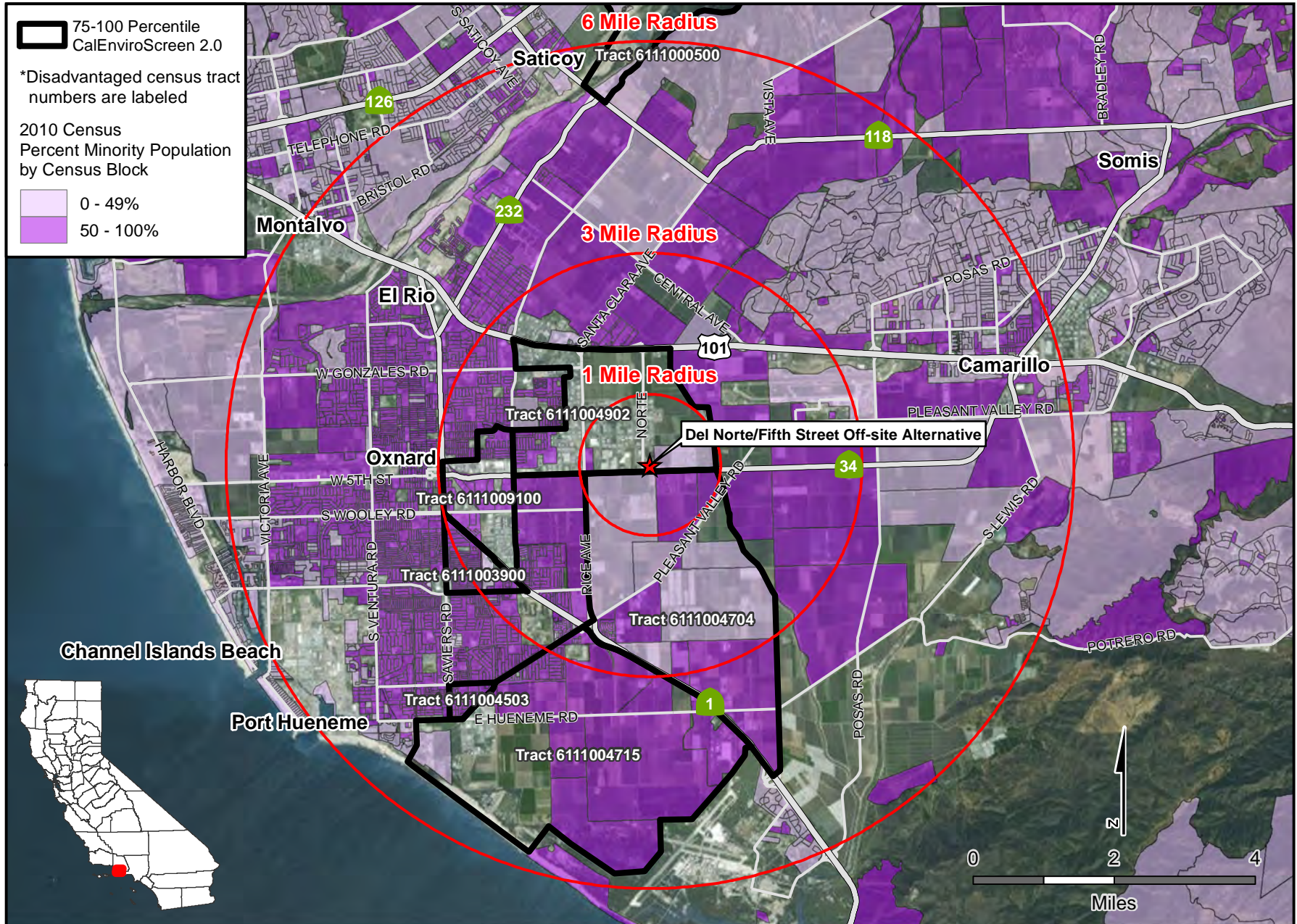
ALTERNATIVES - FIGURE 2
Puente Power Project - Del Norte/Fifth Street Off-site Alternative



ALTERNATIVES

ALTERNATIVES - FIGURE 3

Puente Power Project - Census 2010 Minority Population by Census Block with CalEnviroScreen Disadvantaged Communities by Census Tracts for the Del Norte/Fifth Street Off-site Alternative



ALTERNATIVES

ALTERNATIVES - FIGURE 4

Puente Power Project - View North toward the Del Norte/Fifth Street Off-site Alternative from E. Fifth Street



ALTERNATIVES

ALTERNATIVES - FIGURE 5

Puente Power Project - View South along S. Del Norte Boulevard toward E. Fifth Street



ALTERNATIVES

ALTERNATIVES - FIGURE 6

Puente Power Project - View Northwest from E. Pleasant Valley Road toward the Del Norte/Fifth Street Off-site Alternative



ALTERNATIVES

ALTERNATIVES - FIGURE 7
Puente Power Project - Ormond Beach Area Off-site Alternative

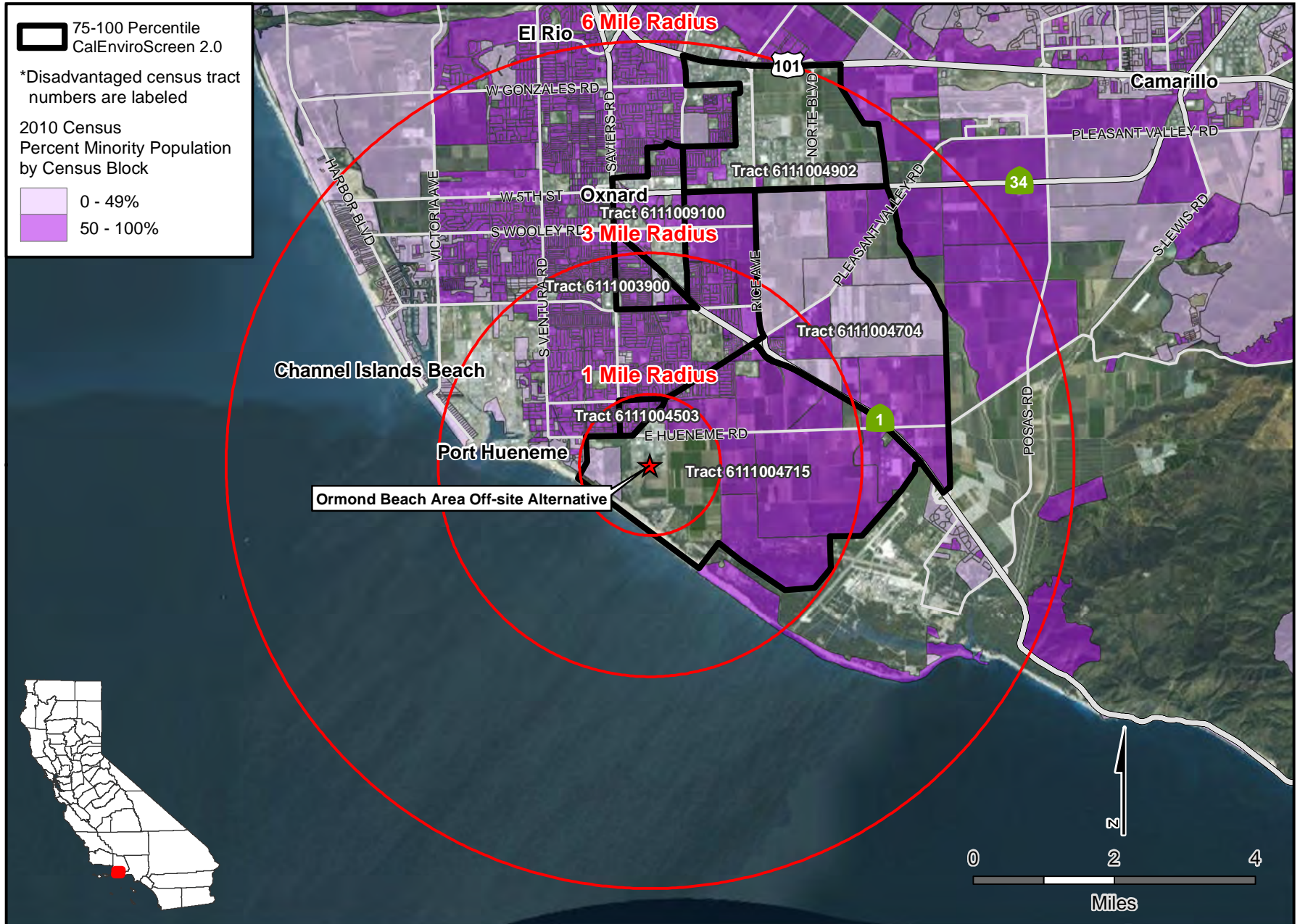


CALIFORNIA ENERGY COMMISSION - SITING, TRANSMISSION AND ENVIRONMENTAL PROTECTION DIVISION

SOURCE: ESRI Imagery, California Department of Transportation Data, Ventura County, City of Oxnard Planning & Environmental Services 2006

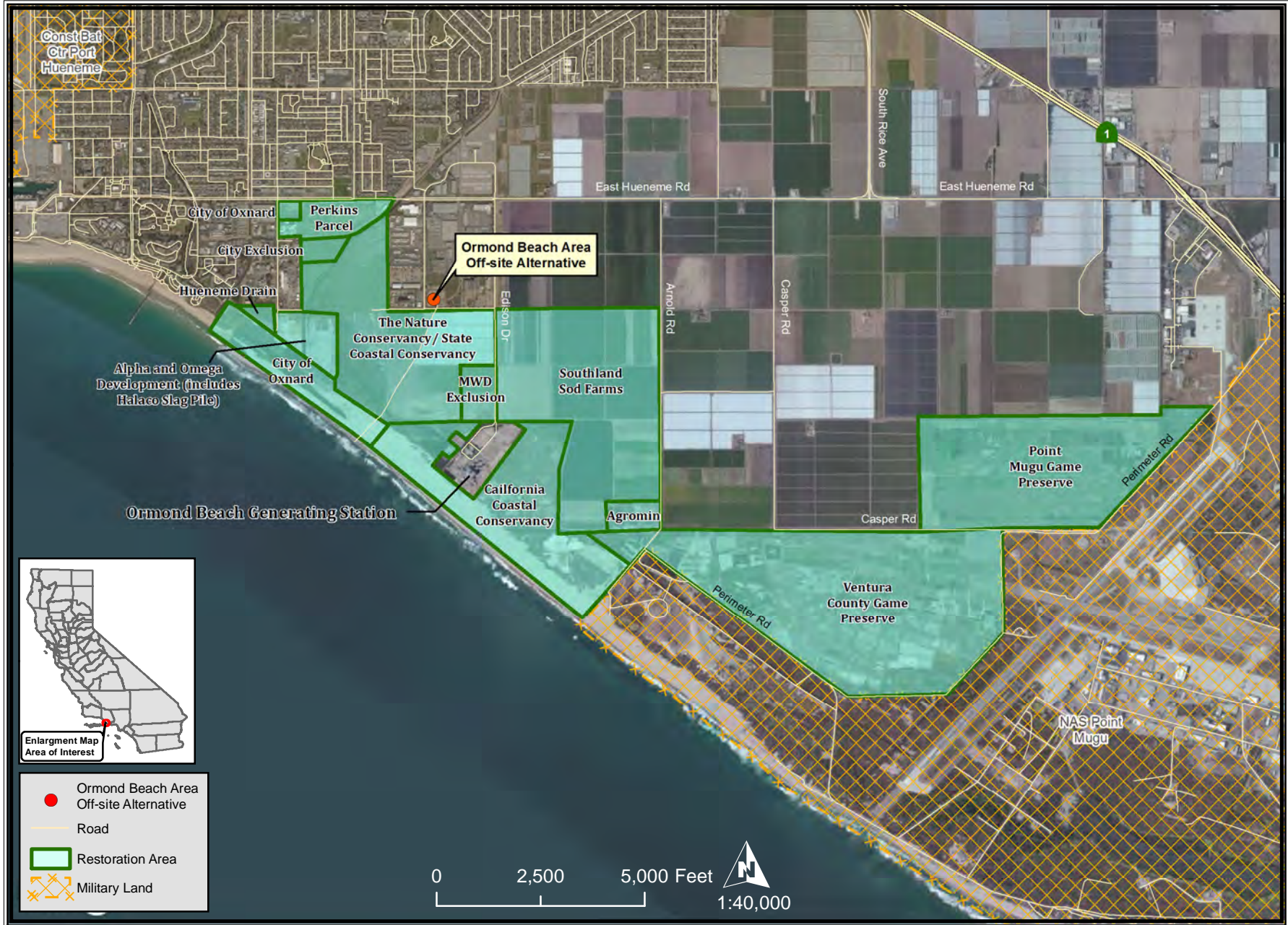
ALTERNATIVES - FIGURE 8

Puente Power Project - Census 2010 Minority Population by Census Block with CalEnviroScreen Disadvantaged Communities by Census Tracts for the Ormond Beach Area Off-site Alternative



ALTERNATIVES

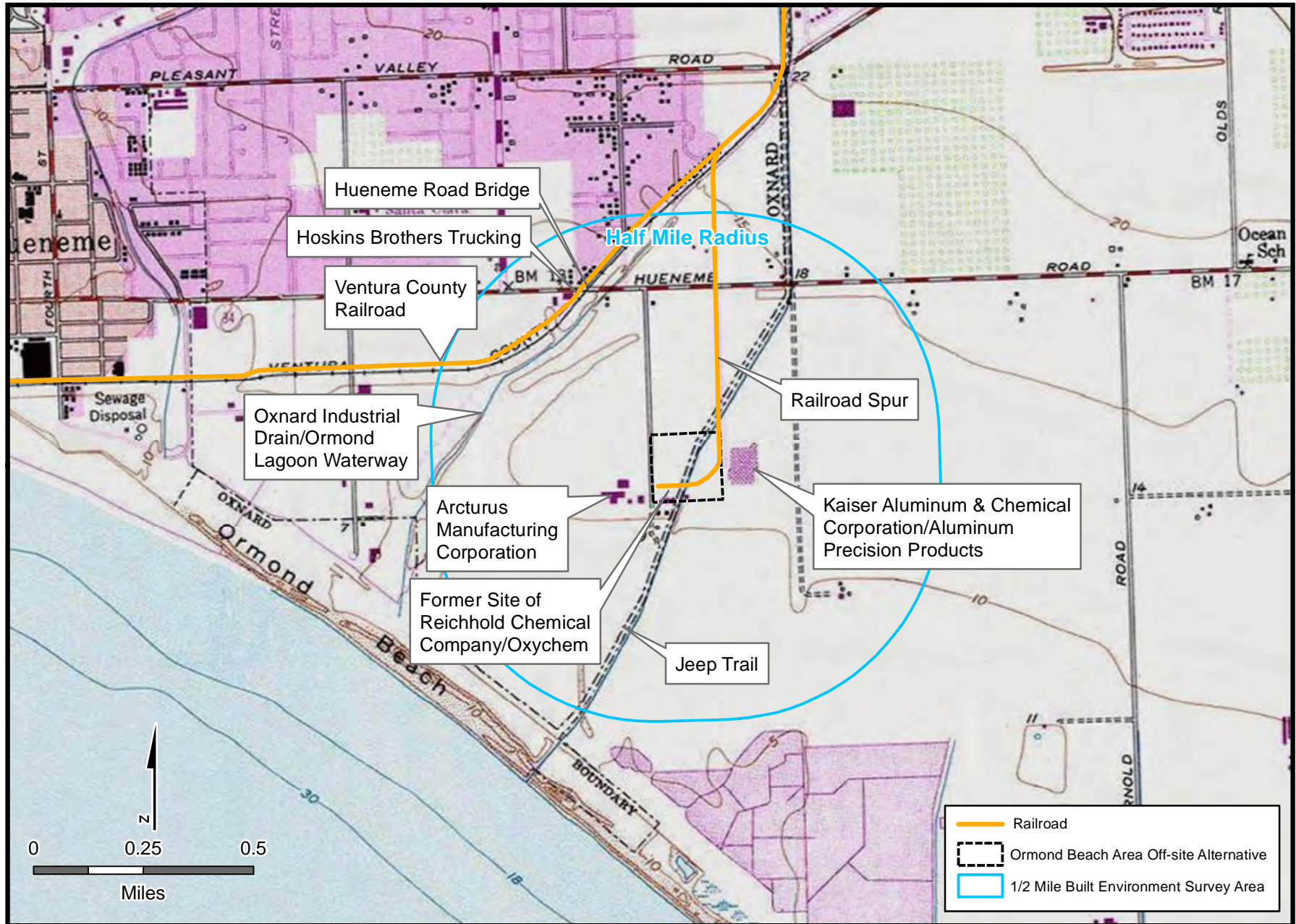
ALTERNATIVES - FIGURE 9
 Puente Power Project - Ormond Beach Restoration Study Area



ALTERNATIVES

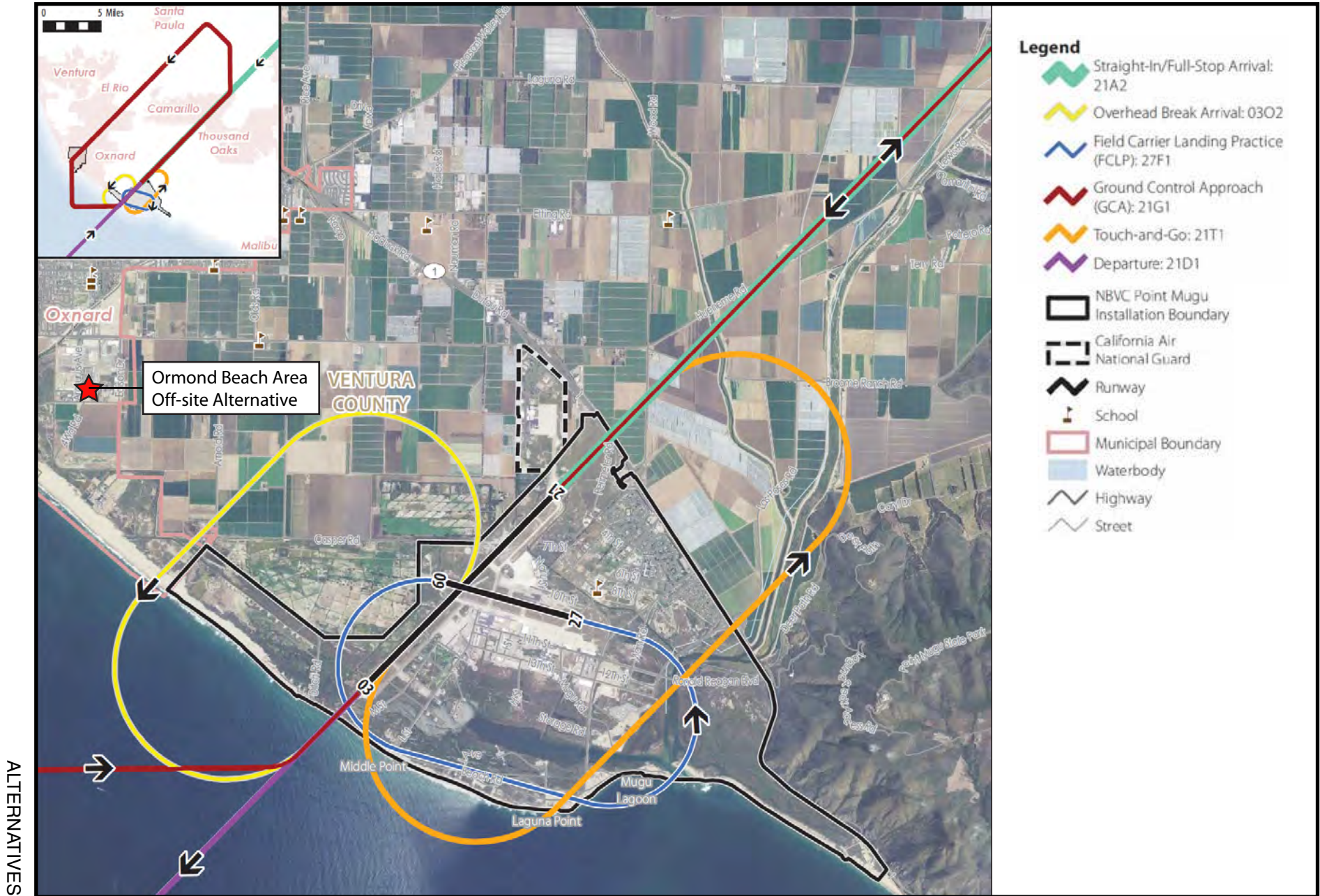
ALTERNATIVES - FIGURE 10

Puente Power Project - Built Environment Resources 45 Years Old or Older within 1/2 Mile of the Ormond Beach Area Off-site Alternative



ALTERNATIVES

ALTERNATIVES - FIGURE 11
Puente Power Project - NBVC Point Mugu Fixed-Wing Flight Tracks



ALTERNATIVES

ALTERNATIVES - FIGURE 12

Puente Power Project - View Northeast toward the Ormond Beach Area Off-site Alternative from Arcturus Avenue



ALTERNATIVES

ALTERNATIVES - FIGURE 13

Puente Power Project - View East along E. McWane Boulevard from the Railroad Tracks West of Arcturus Avenue



ALTERNATIVES

ALTERNATIVES - FIGURE 14

Puente Power Project - View South toward the Ormond Beach Generating Station from Arcturus Avenue



ALTERNATIVES

ALTERNATIVES - FIGURE 15

Puente Power Project - View Southeast from the Residential Neighborhood at Villa Cesar Chavez



ALTERNATIVES

ALTERNATIVES - FIGURE 16
 Puente Power Project - Conceptual Site Reconfiguration 1



ALTERNATIVES

ALTERNATIVES - FIGURE 17
Puente Power Project - Conceptual Site Reconfiguration 2



ALTERNATIVES

VISUAL RESOURCES - FIGURE 1

Puente Power Project - View from Mandalay State Beach West of Oxnard Shores subdivision of the Mandalay Generating Station



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 2

Puente Power Project - View from Mandalay State Beach of Mandalay Generating Station Units 1 and 2



VISUAL RESOURCES

CALIFORNIA ENERGY COMMISSION - SITING, TRANSMISSION AND ENVIRONMENTAL PROTECTION DIVISION

SOURCE: Staff photo dated February 6, 2015

VISUAL RESOURCES - FIGURE 3

Puente Power Project - View from McGrath State Beach Campground of Mandalay Generating Station



VISUAL RESOURCES

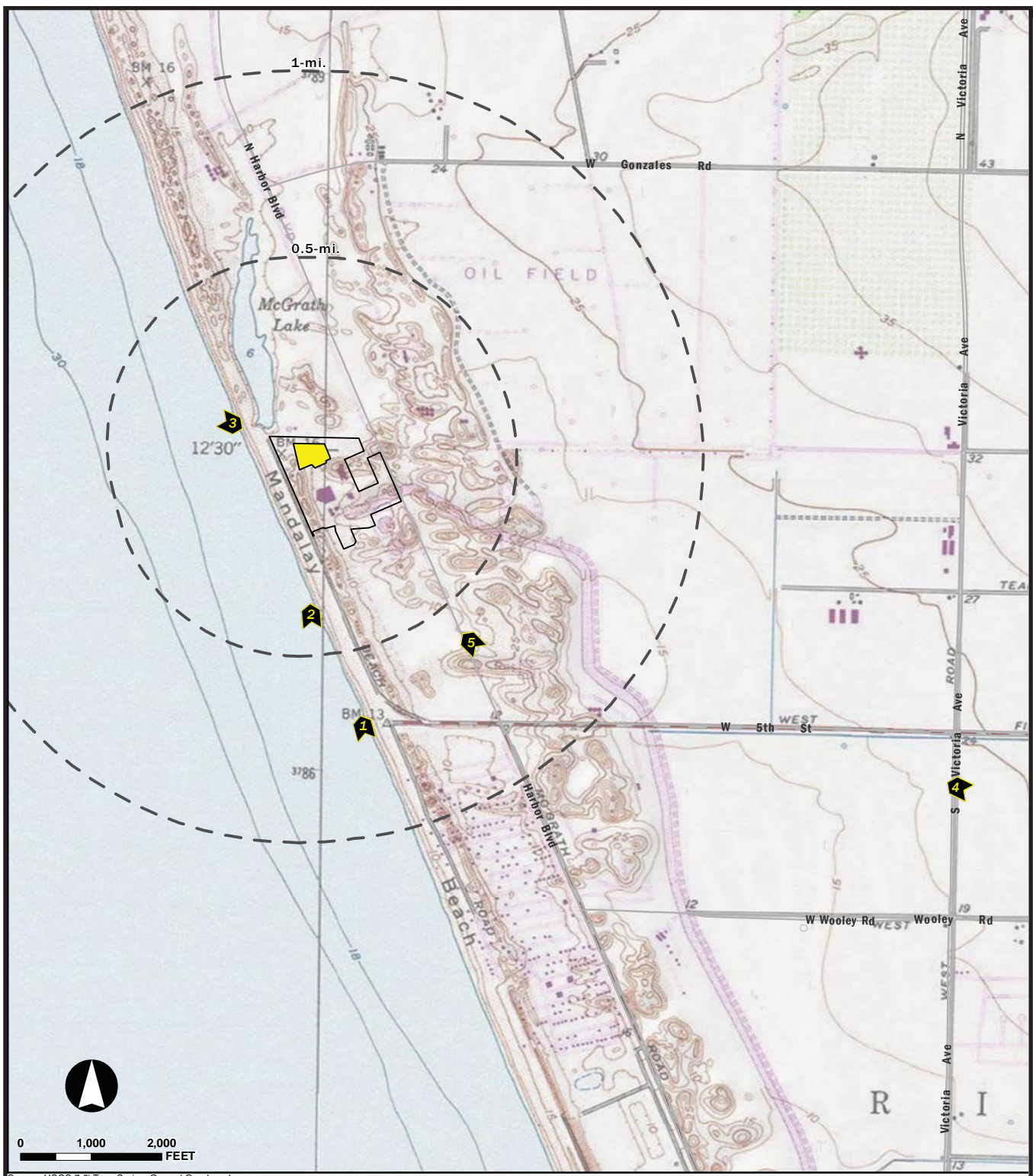
VISUAL RESOURCES - FIGURE 4

Puente Power Project - View of Mandalay Beach County Park from Mandalay State Beach






VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 5
Puente Power Project - Locations of the Key Observation Points

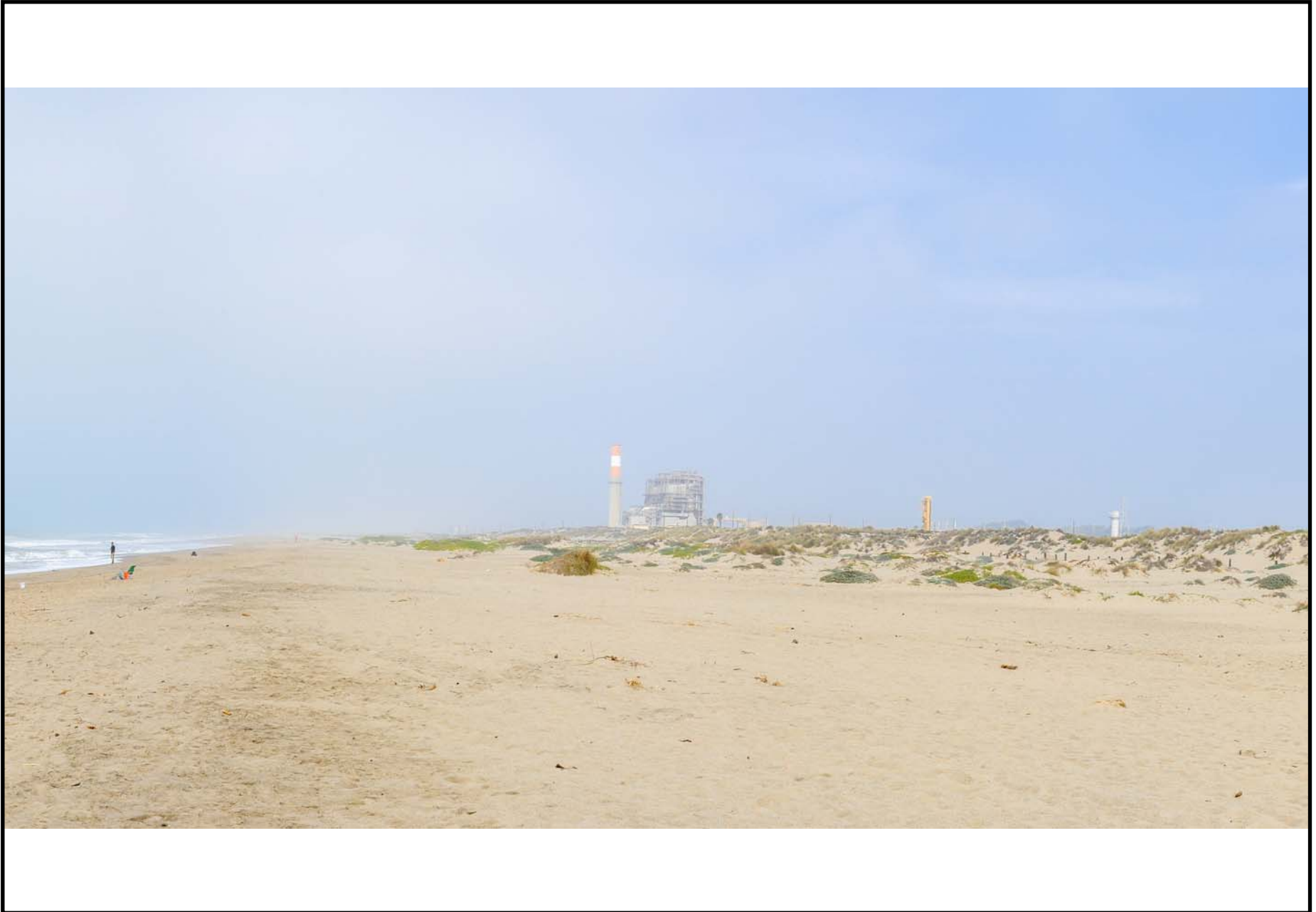


Source: USGS 7.5' Topo Series, Oxnard Quadrangle.

-  Key Observation Point and Photo Direction
-  Puente Power Project Site
-  Mandalay Generating Station Property

VISUAL RESOURCES - FIGURE 6

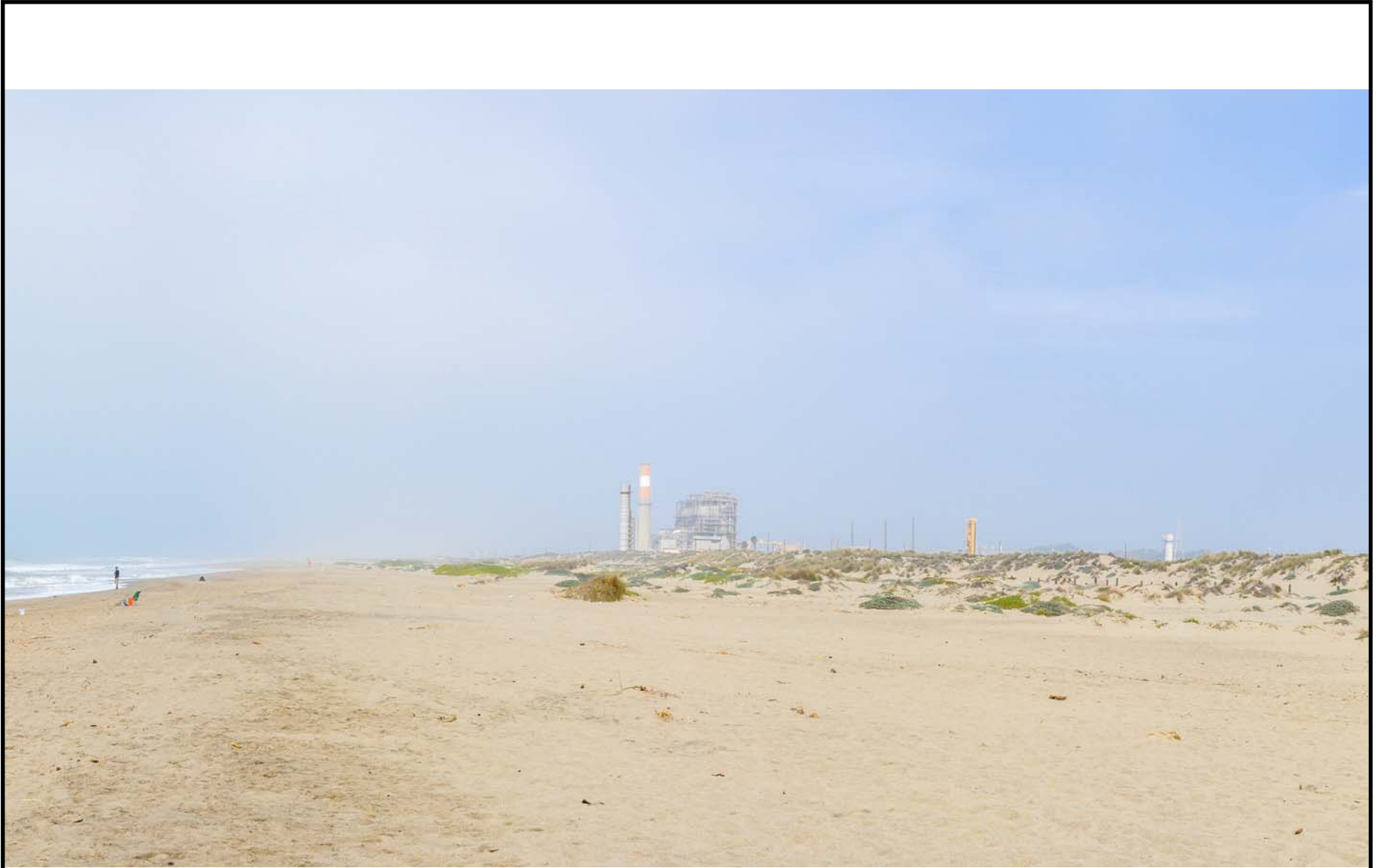
Puente Power Project - Existing Public View from KOP 1 towards the Proposed Project Site



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 7

Puente Power Project - Existing View at KOP 1 with a Photographic Simulation of the Project



VISUAL RESOURCES

Note: This simulation shows the electrical interconnection as it was proposed in the AFC.

VISUAL RESOURCES - FIGURE 8

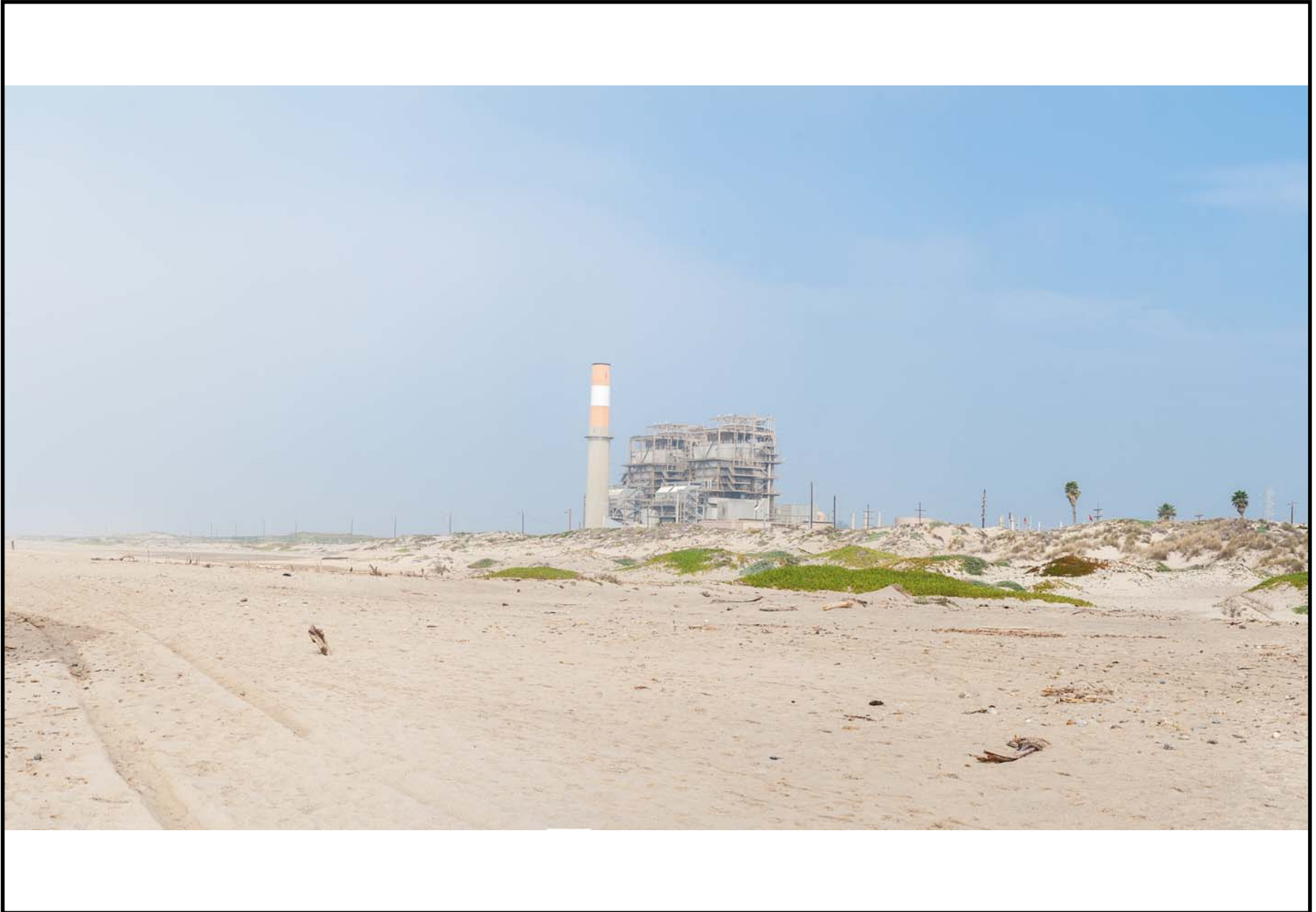
Puente Power Project - Photographic simulation of the project from KOP 1 after demolition of MGS units 1 and 2 in 2022



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 9

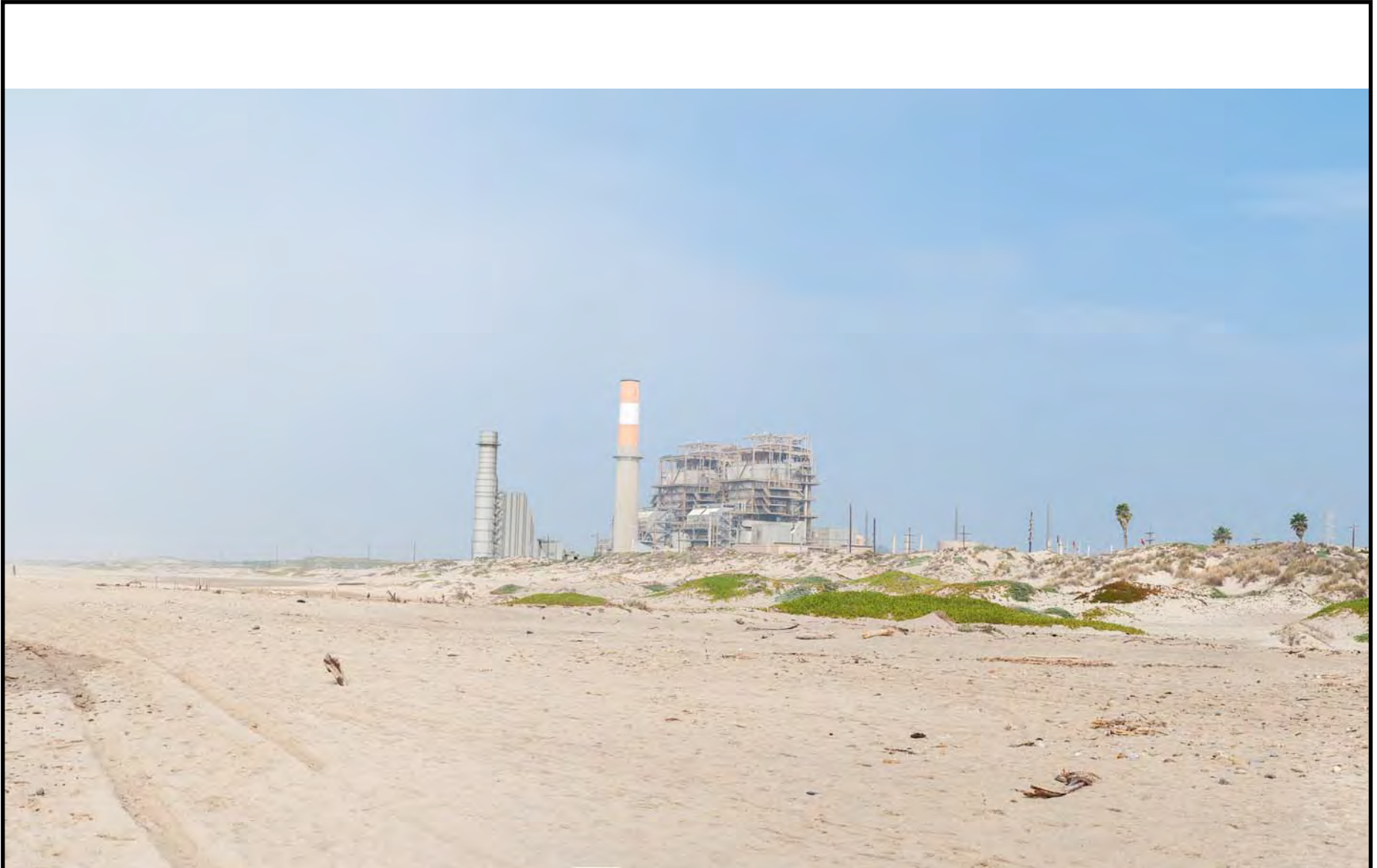
Puente Power Project - Shows the Existing Public View at KOP 2 towards the Proposed Project Site



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 10

Puente Power Project - Shows the Existing View at KOP 2 with a Photographic Simulation of the Project

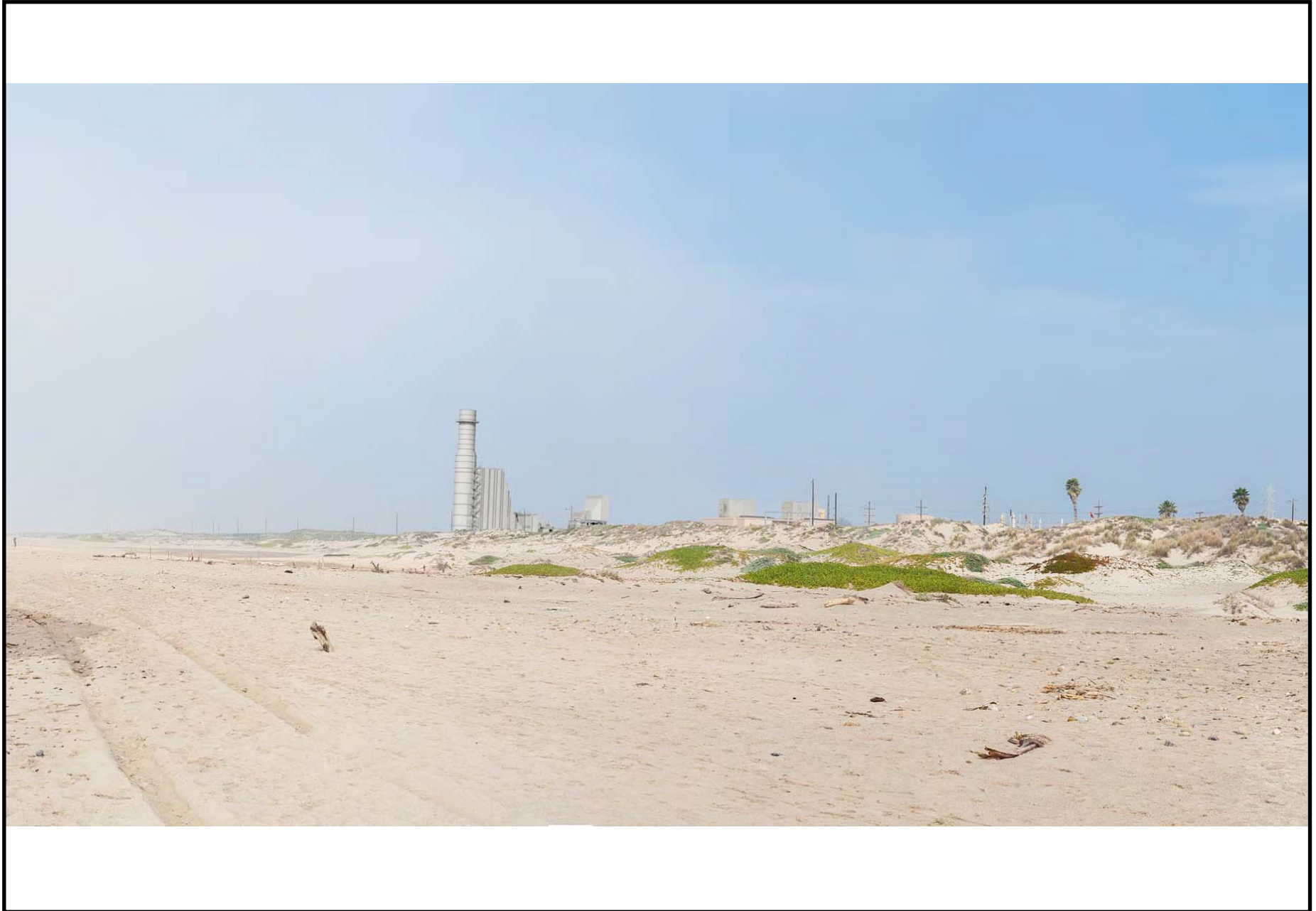


VISUAL RESOURCES

Note: This simulation shows the electrical interconnection as it was proposed in the AFC.

VISUAL RESOURCES - FIGURE 11

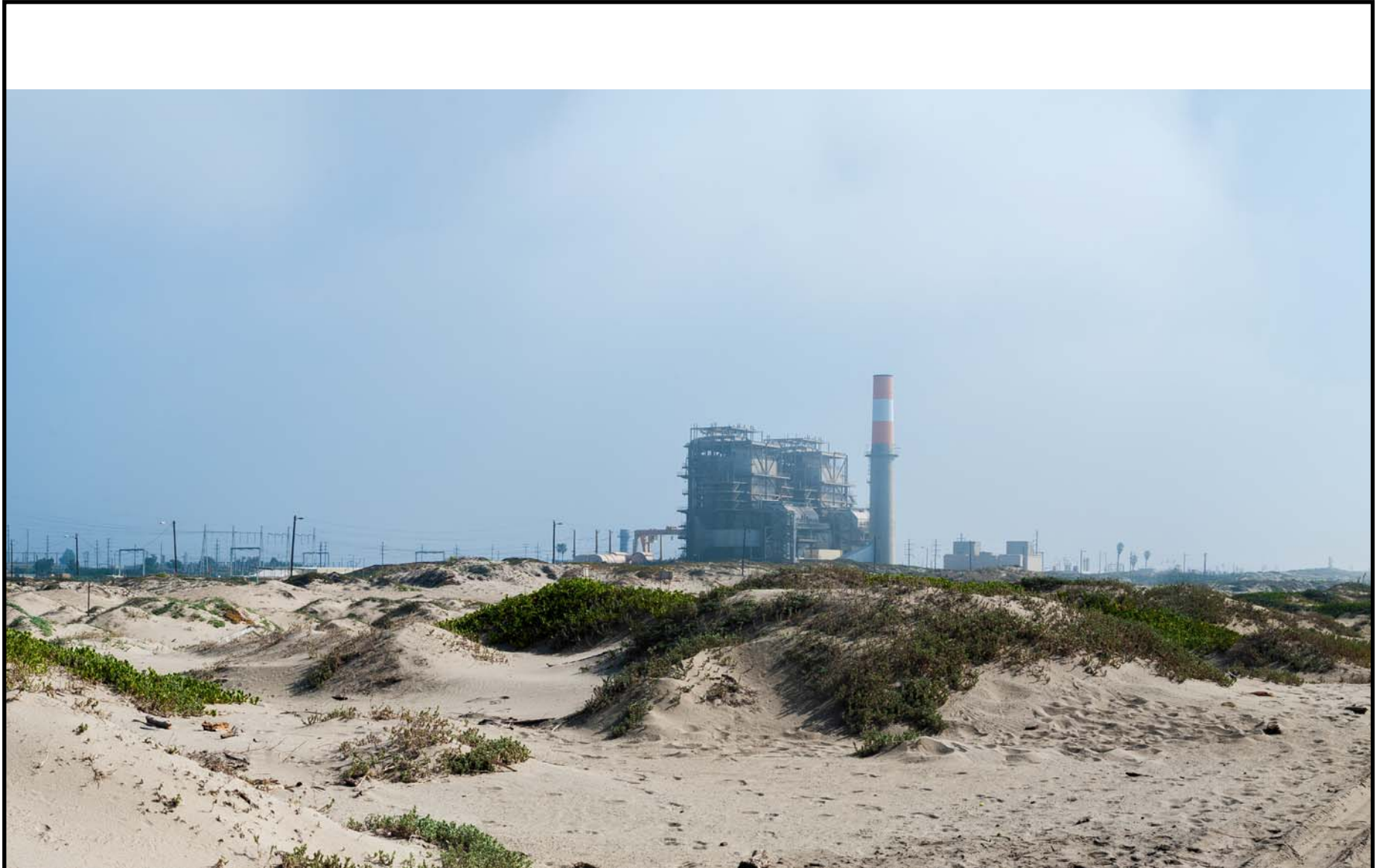
Puente Power Project - Photographic simulation of the project from KOP 2 after demolition of MGS units 1 and 2 in 2022



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 12

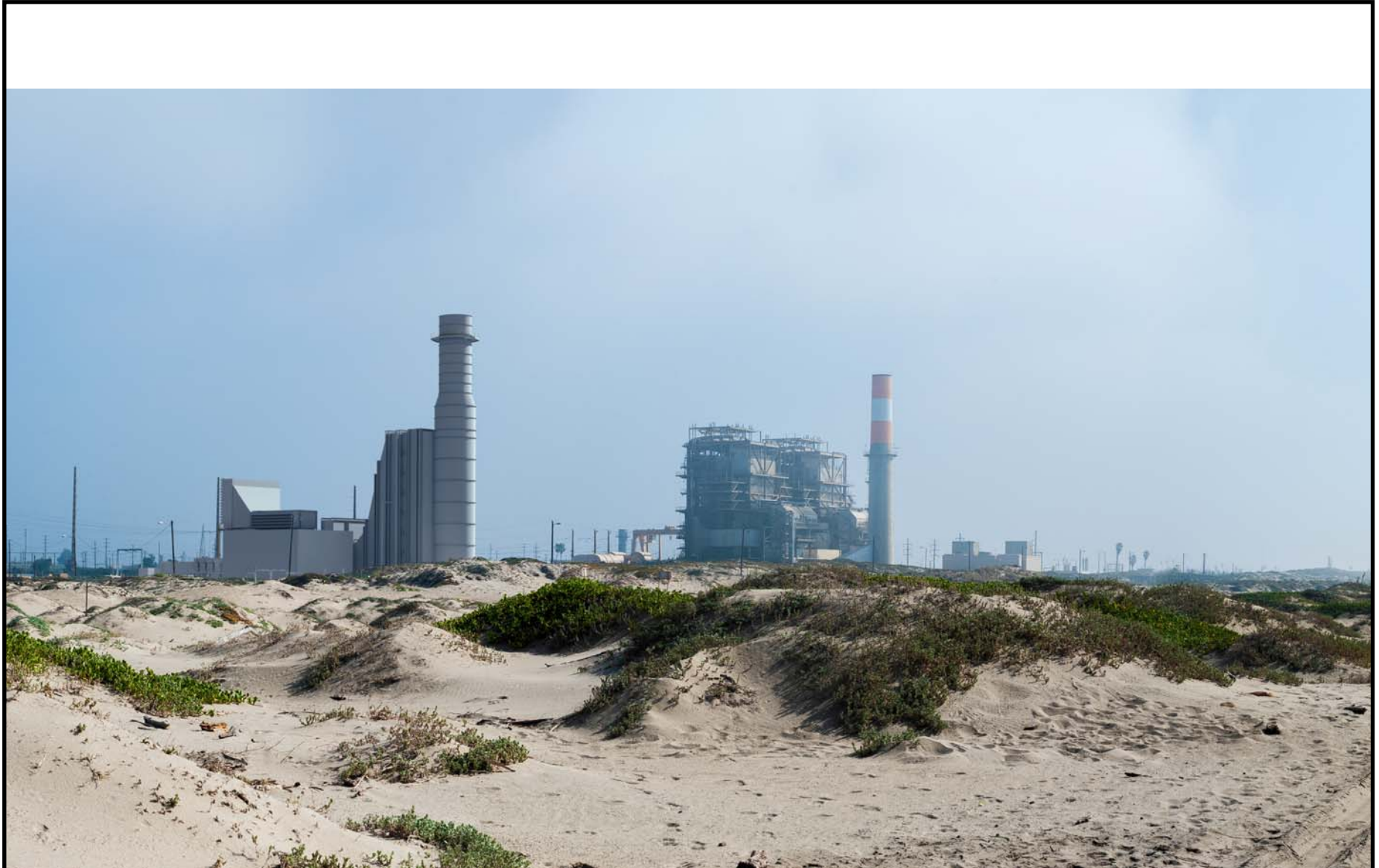
Puente Power Project - Shows the Existing Public View from KOP 3 towards the Proposed Project Site



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 13

Puente Power Project - Shows the Existing View at KOP 3 with a Photographic Simulation of the Project

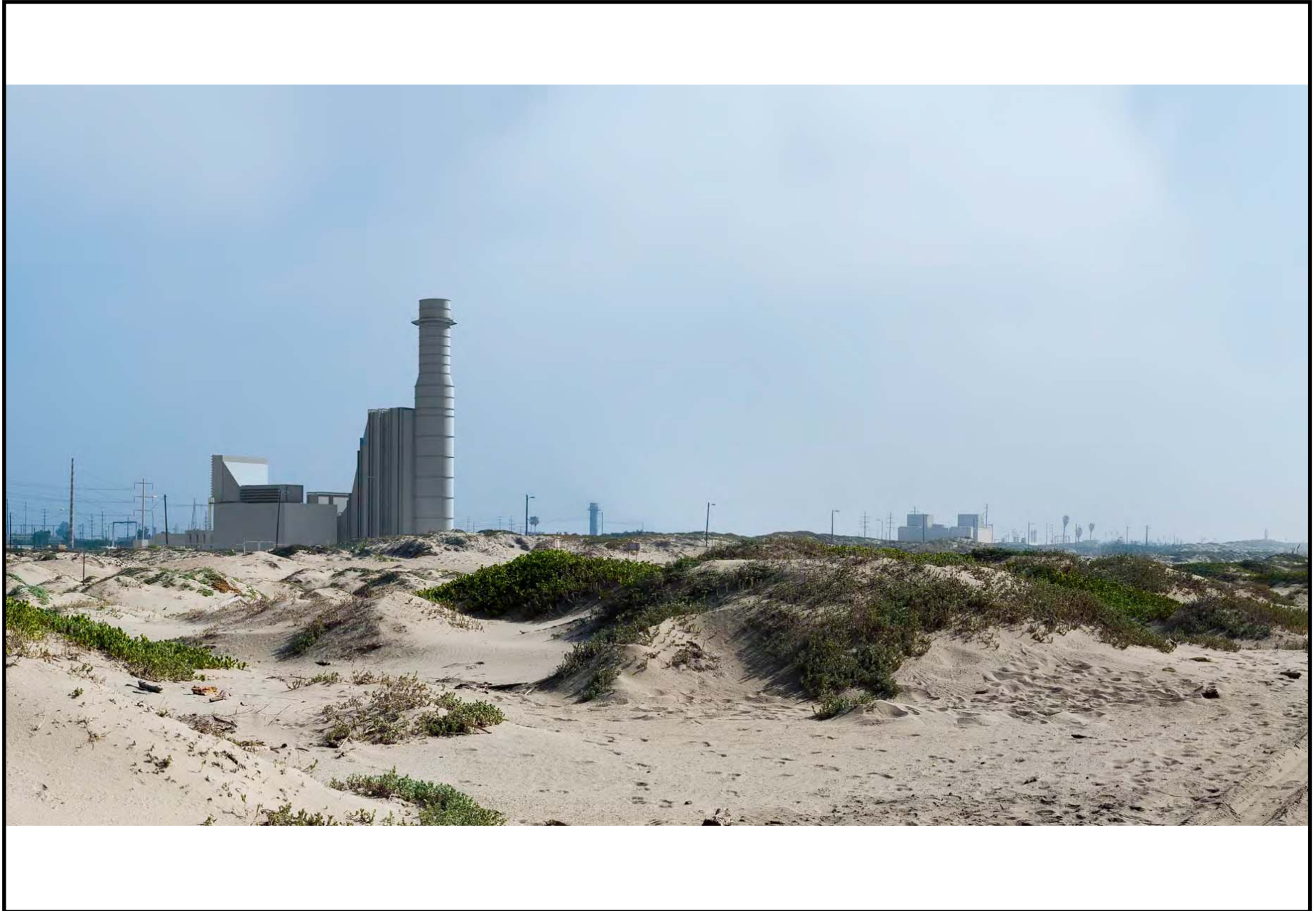


VISUAL RESOURCES

Note: This simulation shows the electrical interconnection as it was proposed in the AFC.

VISUAL RESOURCES - FIGURE 14

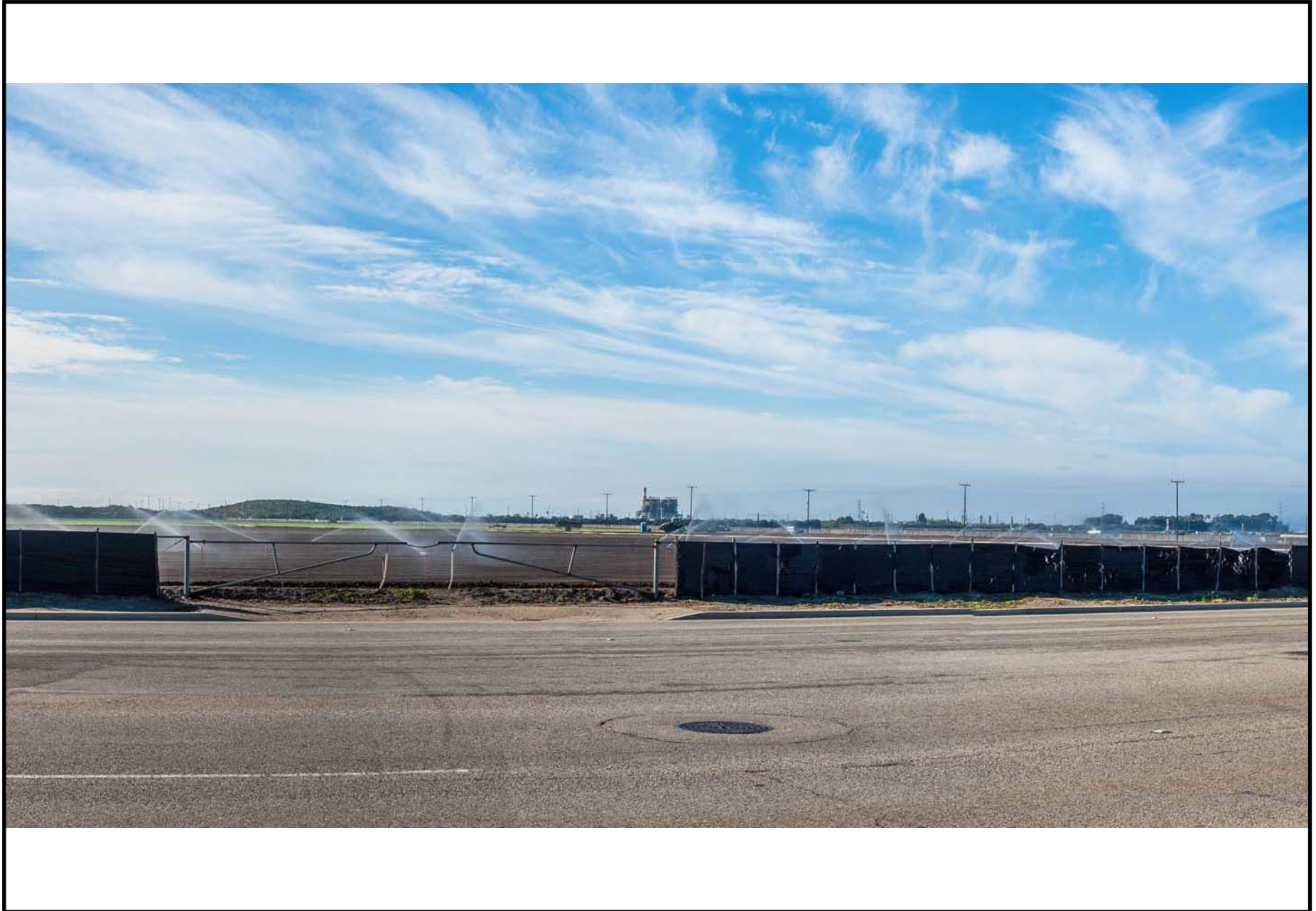
Puente Power Project - Photographic simulation of the project from KOP 3 after demolition of MGS units 1 and 2 in 2022



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 15

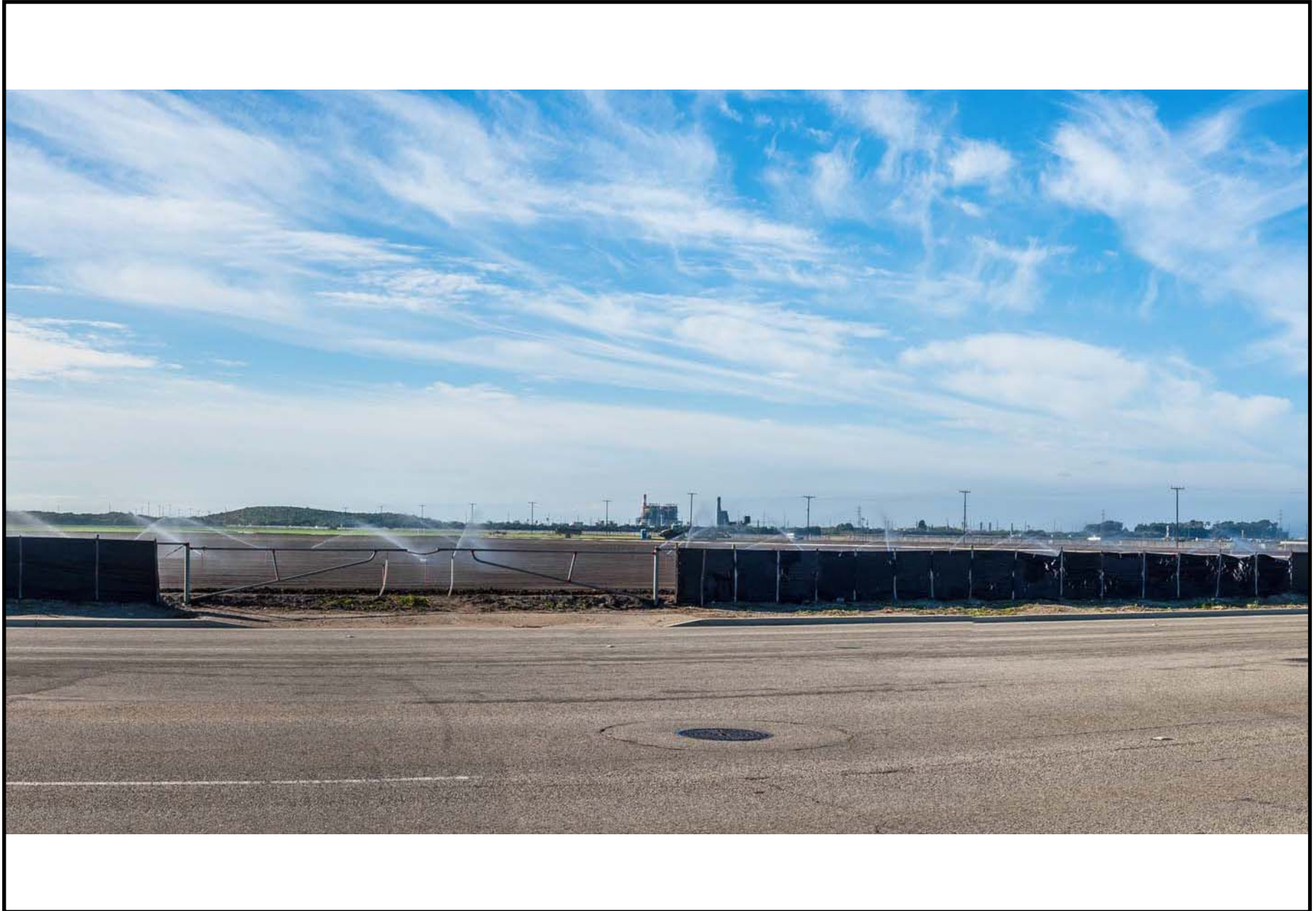
Puente Power Project - Shows the Existing Public View from KOP 4 towards the Proposed Project Site



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 16

Puente Power Project - Shows the Existing View at KOP 4 with a Photographic Simulation of the Project



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 17

Puente Power Project - Photographic simulation of the project from KOP 4 after demolition of MGS units 1 and 2 in 2022



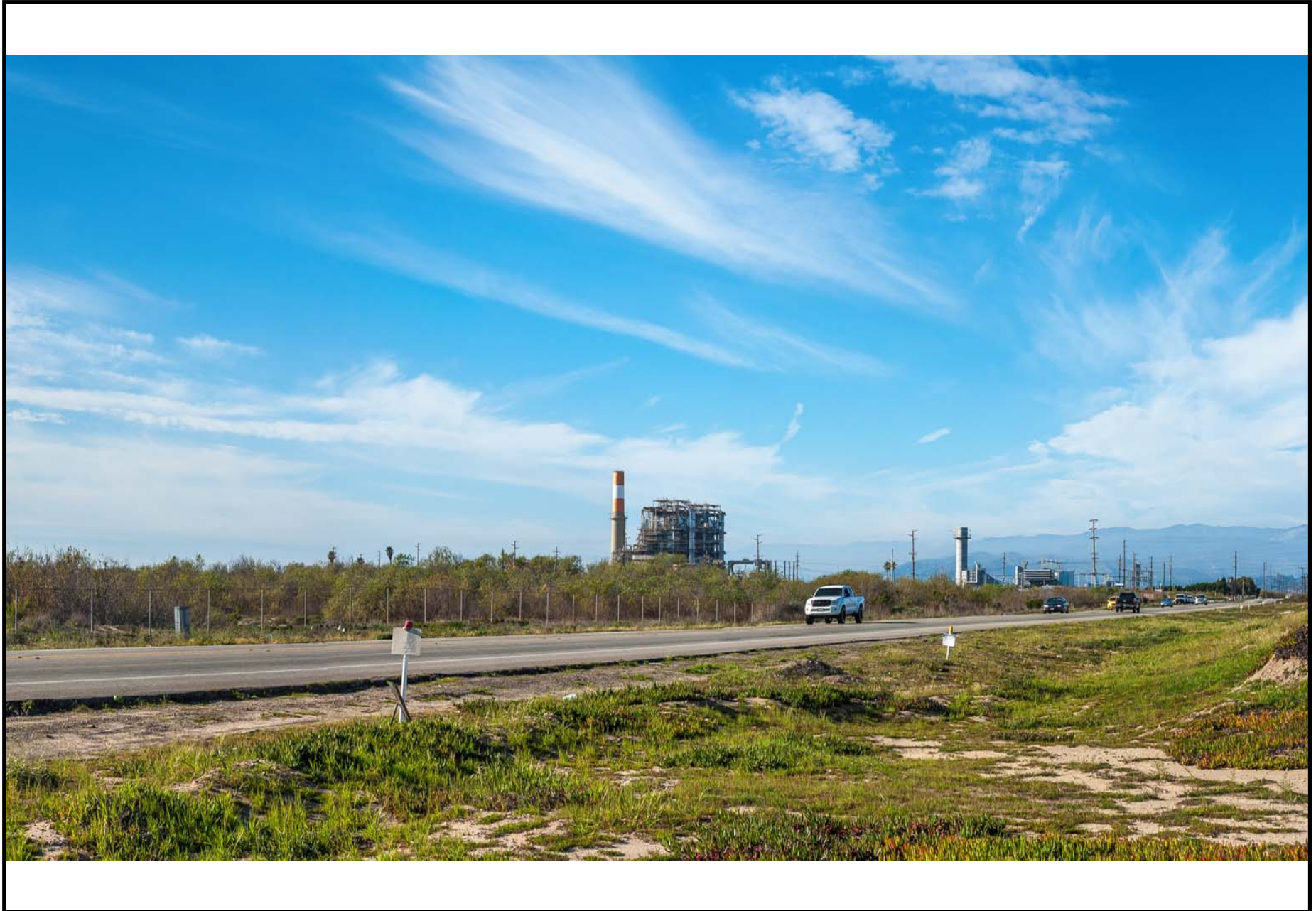
VISUAL RESOURCES

CALIFORNIA ENERGY COMMISSION - SITING, TRANSMISSION AND ENVIRONMENTAL PROTECTION DIVISION

SOURCE: Puente Power Project, Project Enhancement and Refinement, Demolition of Mandalay Generating Station Units 1 and 2 (TN 206698), Figure 4.13-5B

VISUAL RESOURCES - FIGURE 18

Puente Power Project - Shows the Existing Public View from KOP 5 towards the Proposed Project Site



VISUAL RESOURCES

CALIFORNIA ENERGY COMMISSION - SITING, TRANSMISSION AND ENVIRONMENTAL PROTECTION DIVISION

SOURCE: AFC Figure 4.13-8A

VISUAL RESOURCES - FIGURE 19

Puente Power Project - Shows the Existing View at KOP 5 with a Photographic Simulation of the Project

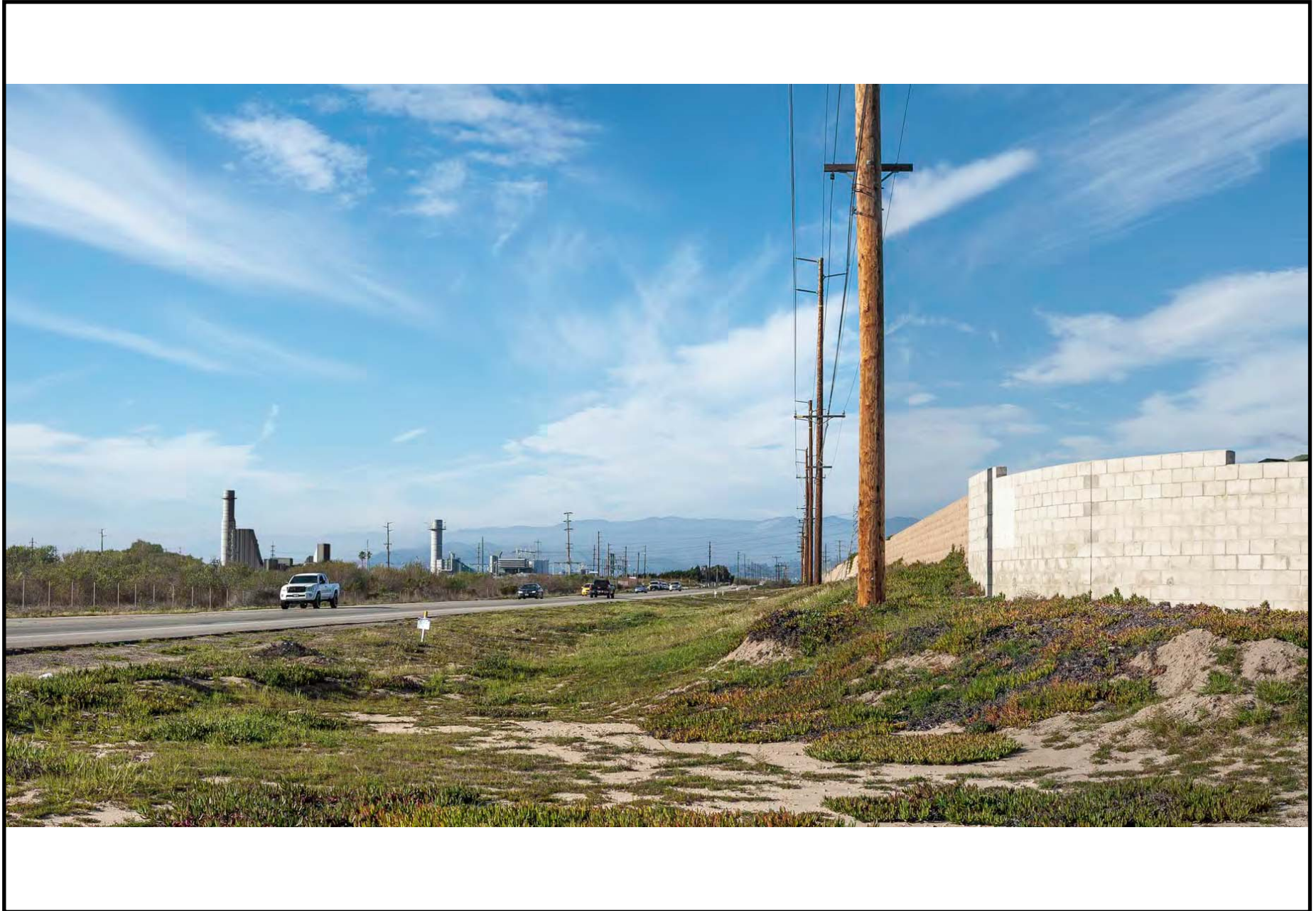


Note: This simulation shows the electrical interconnection as it was proposed in the AFC.

VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 20

Puente Power Project - Photographic simulation of the project from KOP 5 after demolition of MGS units 1 and 2 in 2022



VISUAL RESOURCES

CALIFORNIA ENERGY COMMISSION - SITING, TRANSMISSION AND ENVIRONMENTAL PROTECTION DIVISION

SOURCE: Revised Figure 4.13-8B from TN# 213002.

VISUAL RESOURCES - FIGURE 21

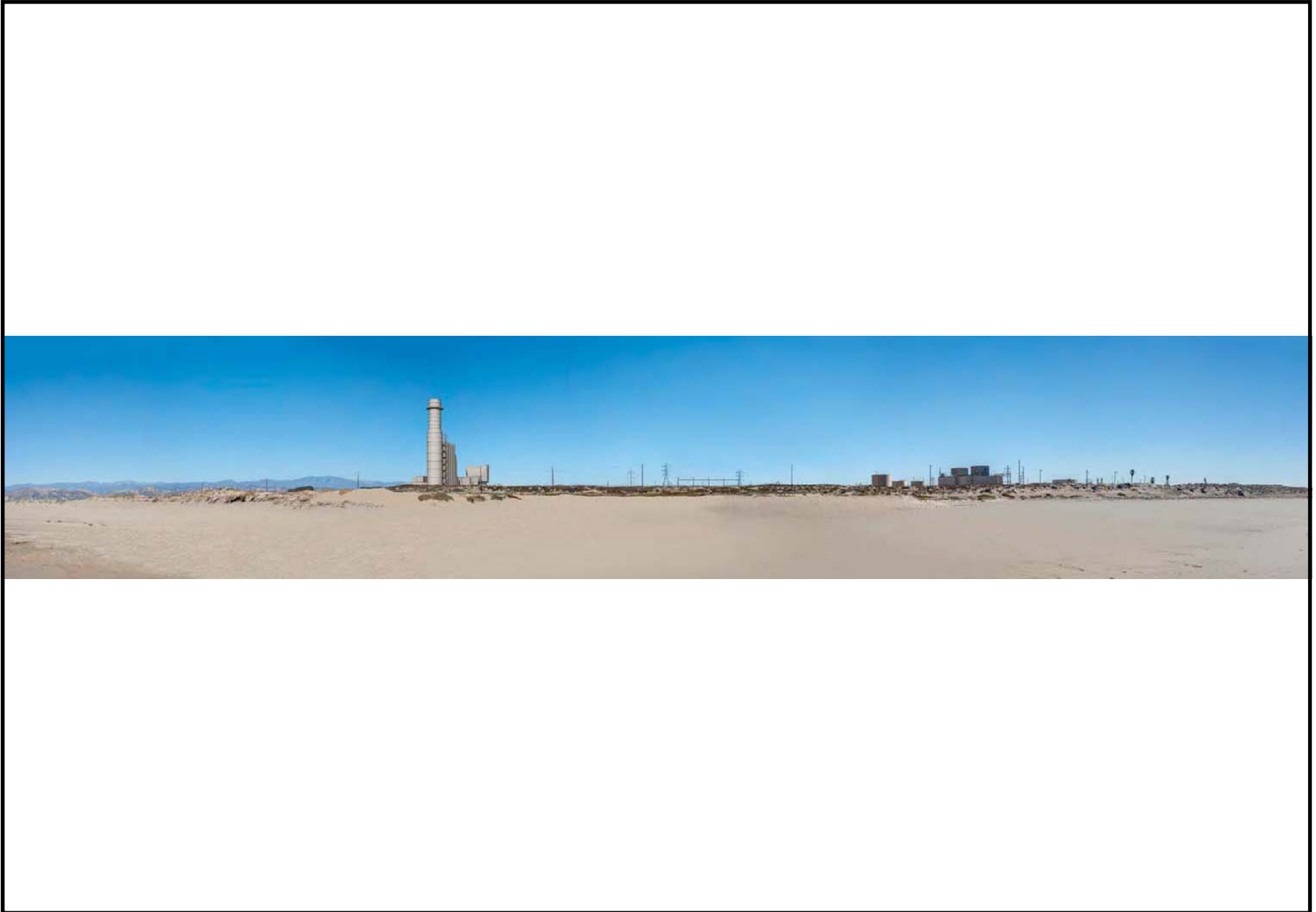
Puente Power Project - Viewpoint of Outfall from Beach – Existing Conditions



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 22

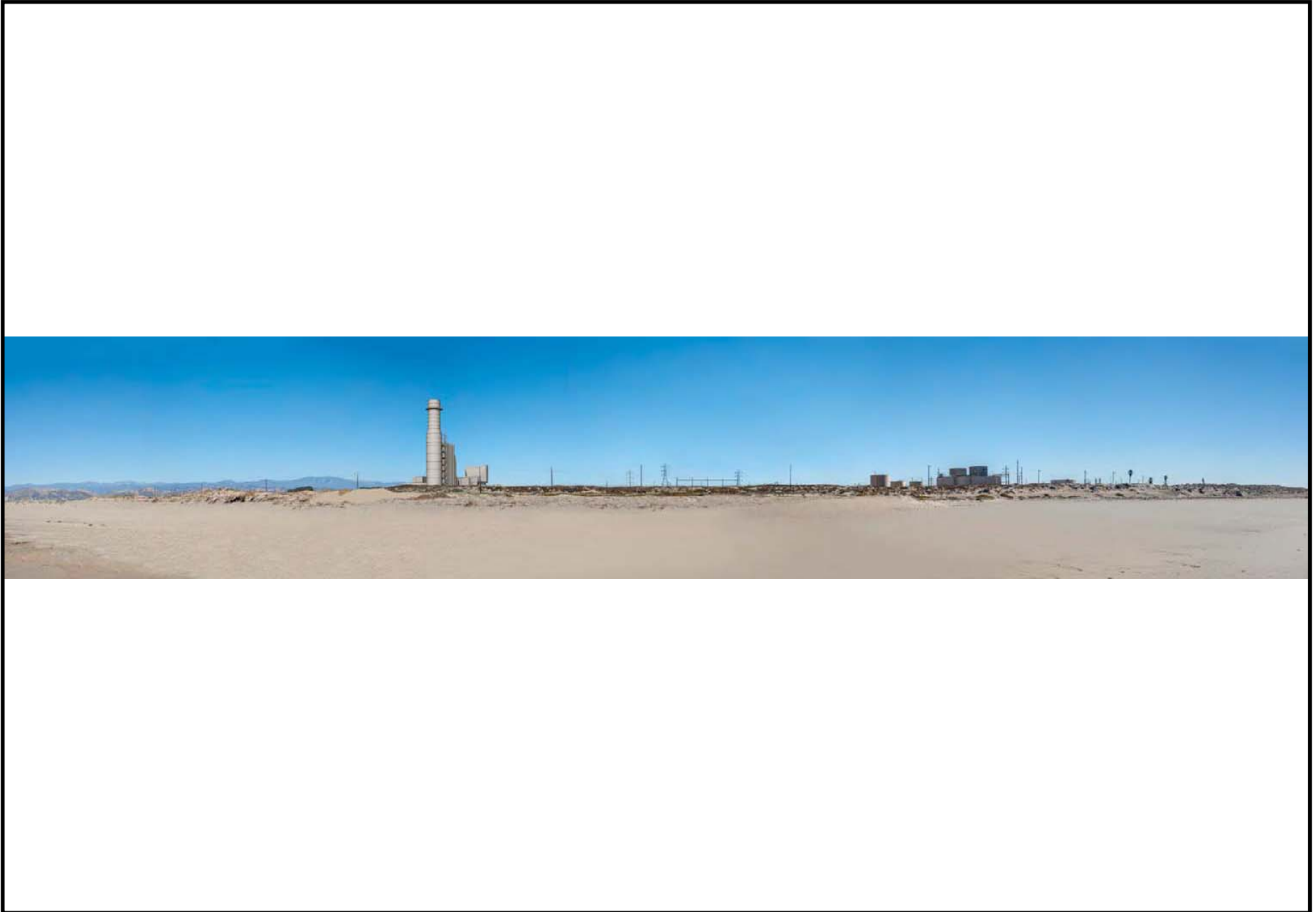
Puente Power Project - Viewpoint of Outfall from Beach – Outfall Removal Simulation (Short-term)



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 23

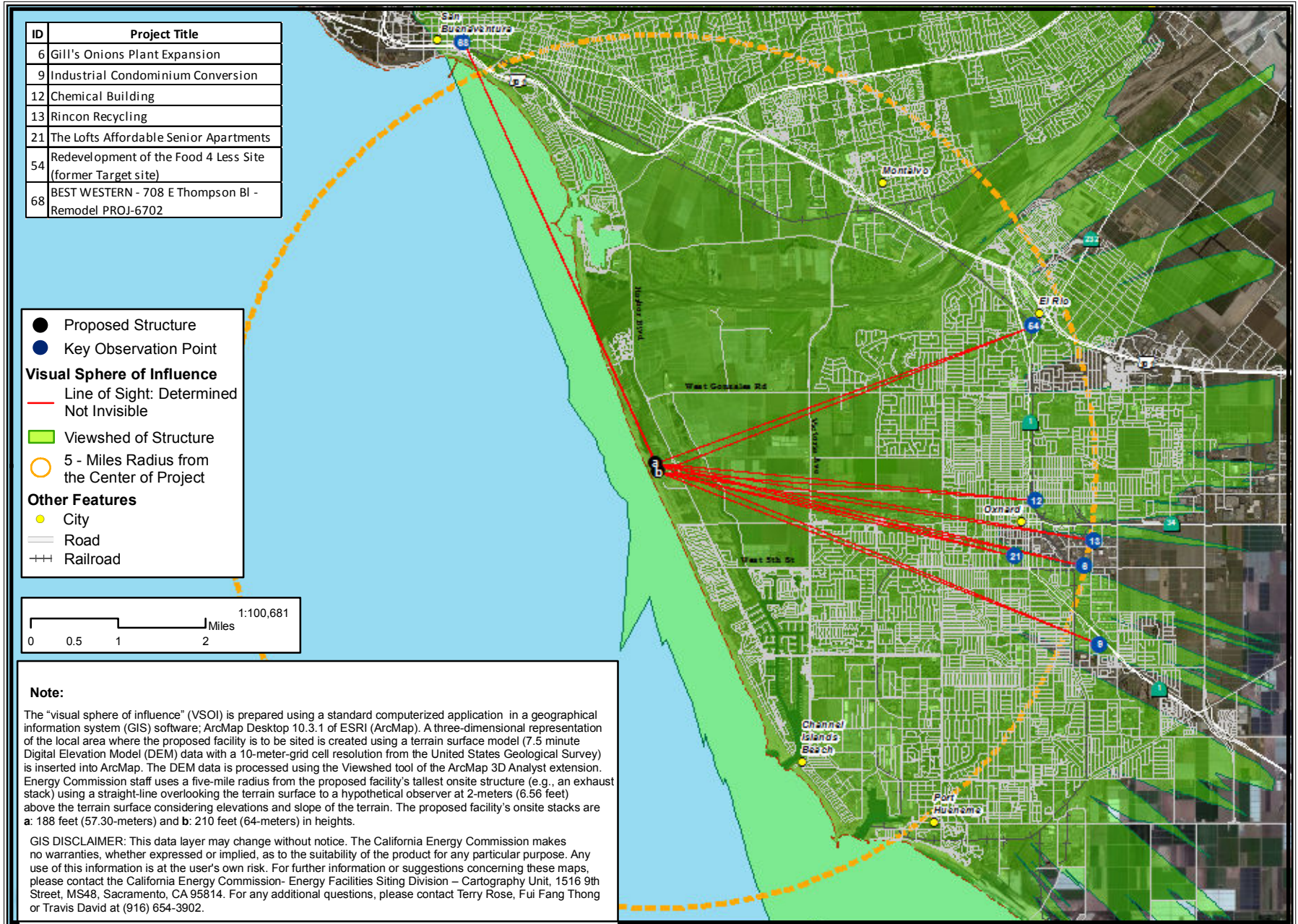
Puente Power Project - Viewpoint of Outfall from Beach – Outfall Removal Simulation (Long-term)



VISUAL RESOURCES

VISUAL SPHERE OF INFLUENCE - FIGURE 24

Puente Power Project - Visual Sphere of Influence: Prepared for the Cumulative Analysis



VISUAL RESOURCES

VISUAL RESOURCES - FIGURE 25

Puente Power Project - Aerial View of Simulation of Puente Prior to Demolition of MGS Units 1 and 2



VISUAL RESOURCES

Note: This simulation shows the electrical interconnection as it was proposed in the AFC, with four supporting structures.

VISUAL RESOURCES - FIGURE 26

Puente Power Project - Aerial View of Simulation of Puente after demolition of MGS units 1 and 2 and outfall removal in 2022



VISUAL RESOURCES

CALIFORNIA ENERGY COMMISSION - SITING, TRANSMISSION AND ENVIRONMENTAL PROTECTION DIVISION

SOURCE: Figure 1-1B from TN 213802