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## 5.18 CUMULATIVE IMPACTS

### 5.18.1 Introduction

The cumulative impacts assessment for Pio Pico Energy Center (PPEC) is based on the California Environmental Quality Act (CEQA) (California Public Resources Code [PRC] Section 21083) and the CEQA Guidelines (California Code of Regulations [CCR] Section 15130), which require that the discussion of cumulative impacts be “guided by the standards of practicality and reasonableness” (CCR Section 15130[b]) and that “the discussion include a list of past, present, and reasonably anticipated future projects producing related or cumulative impacts” (CCR Section 15130[b][1][A]). The CEQA Guidelines require discussion of cumulative impacts when the project’s incremental effect is cumulatively considerable. The discussions of cumulative impacts should reflect the severity of the impacts and their likelihood of occurrence, but need not provide the impacts discussion in as much detail as is provided for the PPEC project impacts.

Therefore, the purpose of this section of the Application for Certification (AFC) is to identify past, present, and reasonably foreseeable projects in the PPEC project area that could affect the same resources as those of the project and provide the following analysis:

- Determine if the impacts of the proposed PPEC project and the other projects would overlap in time or geographic extent.
- Determine if the impacts of the proposed project would interact with, or intensify, the impacts of the other projects.
- Identify any potentially significant cumulative impacts.

The analyses of the PPEC’s potential to result in cumulative impact, which would occur if an impact which is created as a result of the combination of the PPEC together with projects identified in this section that cause related impacts, are provided in the respective resource sections(s) of this AFC.

The proposed project is a simple-cycle electrical generating facility consisting of three General Electric LMS100 natural gas-fired combustion turbine generators, each equipped with water injection to the combustors for reducing production of oxides of nitrogen (NO<sub>x</sub>), a selective catalytic reduction (SCR) system with 19 percent aqueous ammonia (NH<sub>3</sub>) injection to further reduce NO<sub>x</sub> emissions, and an oxidation catalyst to reduce carbon monoxide (CO). The total net generating capacity would be approximately 300 megawatts (MW).

PPEC consists of the project site, linears, and a temporary laydown area (Figure 3.3-1, Facility Plot Plan). The project site is located in an unincorporated area of San Diego County known as Otay Mesa. It is comprised of a 9.99 acre parcel located in the southeast quadrant of the Alta Road and Calzada de la Fuente intersection. The proposed project site comprises the entire parcel with Assessor’s Parcel Number (APN) 648-040-45, and the laydown area is 6.00 acres of an adjacent parcel to the south (APN 648-040-46) (Figure 3.3-2, Project Location).

The project affects the following areas:

- Plant site – 9.99 acres.
- Temporary laydown and parking area – 6.00 acres, on an adjacent parcel that is contiguous to the project site.
- Natural Gas pipeline – There are two possible routes for the gas supply pipeline. Both routes would connect to an existing SDG&E natural gas pipeline, but at different locations. Route A would extend approximately 8,000 feet south along Alta Road to near the U.S. - Mexico border, at which point it would connect to the existing SDG&E natural gas pipeline. Route B would extend approximately 2,375 feet south along Alta Road, turn west on Otay Mesa Road, and continue approximately 7,920 feet to Harvest Road at which point it would connect to the existing SDG&E natural gas pipeline (Figure 3.3-3, Potential Linears) for a total of approximately 10,300 feet.
- Sewer pipeline – A short connection will be made to an existing 12-inch sewer main along Calzada de la Fuente along the north project site boundary or to an existing 15-inch sewer main along Alta Road, along the west project site boundary.
- Stormwater pipeline – A short connection will be made from the detention pond located at the northwest corner of the project site to an existing 30-inch stormwater pipeline located along Calzada de la Fuente, adjacent to the project site.
- Power line – Two possible routes are provided for a 230kV transmission line that will connect the project into the existing 230kV Otay Mesa switchyard. Route A would begin as an overhead power line from the northeast portion of the property, run overhead along the north side of Calzada de la Fuente, extend approximately 1,700 feet east where it would then be routed underground for approximately 400 feet into the Otay Mesa switchyard (total length of Route A would be approximately 2,100 feet). Route B would begin as an overhead power line from the southeastern portion of the project site, run south approximately 550 feet, then turn east along the northern border of APN 648-040-48 and APN 648-040-43 for 1,400 feet, and finally turn north for approximately 700 feet into the Otay Mesa switchyard (total length of Route B would be approximately 2,650 feet).
- Water supply pipelines – The project will make a short connection to the potable service system, either at an existing 12-inch main along Calzada de la Fuente, or at an existing 24-inch main along Alta Road. Upon the Otay Water District (OWD)'s completion of the planned Otay Mesa area recycled water system, the project will make a connection to an existing 8-inch recycled water main along Calzada de la Fuente or a new recycled water main to be constructed in Alta Road.

These features are illustrated on Figure 3.3-1, Facility Plot Plan.

Projects that would potentially contribute to cumulative impacts are those located in the same general geographic area of influence of PPEC. For this cumulative assessment, the area of influence is defined as the area within a three-mile radius of PPEC. Projects or proposed projects of potential regional significance are also considered in the cumulative analysis (refer to Figure 5.18-1).

The PPEC site is located approximately 1 mile from the City of San Diego, and is within the County of San Diego. Thus, both jurisdictions were contacted for information on future planned projects. Information was gathered on projects that: 1) have construction and operational timeframes potentially overlapping with PPEC; 2) have submitted a defined project application for required approvals or permits; or 3) have been previously approved and may be implemented in the near future. The cumulative assessment focuses on the potential overlap of construction and operation impacts among various projects meeting the criteria described above.

The County of San Diego provided a list from their KivaNet database for open or approved permits. According to the database, 14 projects in various permit categories are currently under review by the County. Projects on the list with pre-application or application status of unknown, unavailable, expired, or withdrawn were not considered in this cumulative analysis. The remaining projects were a Major Use Permit (MUP) for a correctional facility, tentative tract map for an industrial site, a MUP for a batch plant, various modifications to MUPs, and a MUP for construction of a wireless telecommunications facility.

Information concerning existing sites for this analysis was primarily obtained from a list requested from the City of San Diego. Specifically, the Development Services Department was contacted to gather input on all future projects within a 3-mile radius of PPEC. The City of San Diego has approximately 6 pending or approved projects within the identified radius.

Potential cumulative impacts were identified if PPEC project impacts would contribute to the impacts of past, present and reasonably anticipated future projects under construction or operation at the same time. The magnitude of such cumulative impacts depends, in part, on the extent of construction or operation overlap in time and geographic area. For the purposes of this cumulative impact assessment, it is anticipated that the construction of PPEC, from site preparation and grading to commercial operation, is expected to take place from February 2013 to April 2014. This assessment also considers potential cumulative impacts that could occur during PPEC's operational phase.

### **5.18.2 Cumulative Projects**

Potential cumulative projects considered in the cumulative impacts assessment are described in further detail below, and are organized by applicable general use categories. The potential cumulative projects are also summarized in Table 5.18-1. The potential cumulative projects described and listed in Table 5.18-1 are identified with a map identification number, which corresponds to the respective project's location on Figure 5.18-1.

**TABLE 5.18-1  
POTENTIAL PROJECTS CONSIDERED**

<b>Map ID No.</b>	<b>Project Name</b>	<b>Project Description</b>	<b>Status/Timing</b>	<b>Location</b>
<b>COUNTY OF SAN DIEGO</b>				
1	Vulcan Batch Plant	Proposed asphalt and ready-mix concrete plant	Pending	7522 Paseo De La Fuente
2	Otay Hills Construction Aggregate Extraction Operation	Proposed aggregate quarry	Pending	Approximately 0.5 miles east of the intersection of Otay Mesa Rd. and Alta Rd.
3	Corrections Corporation of America Correctional Facility	Detention facility	Approved	NE Quadrant of Alta Rd. and Calzada de la Fuente (north of existing Otay Mesa Generating Facility property [northeast of the proposed PPEC]), County of San Diego
4	East Mesa Detention Center	Proposed wireless communication facility within Detention Center	Pending	446 Alta Road, County of San Diego
5	Paragon Management Company (MPA 10-006)	Proposed light industrial development	Pending	APN 648-070-17-00
6	Piper Otay Park	Industrial development	Approved	West of SR-125, north of Otay Mesa Rd, and east of Piper Ranch Rd. , County of San Diego
7	Otay Crossings Commerce Park	Proposed industrial development	Pending	Southeast of Otay Mesa Rd and Alta Rd
8	Otay Business Park	Proposed industrial development	Pending	Southeast corner of Alta Rd. And Airway Rd.
9	International Industrial Park	Proposed business park	Pending	Alta Rd. and Lone Star Rd
10	Sunroad/Otay Tech Center	Proposed business park	Pending	North of Otay Mesa Rd. btwn Harvest Rd & Vann Centre Blvd
11	California Crossings	Proposed commercial complex	Pending	Northwest corner of Otay Mesa Rd & Harvest Rd
12	East Otay Mesa Specific Plan	Specific Plan for industrial and business center	Approved	Southeast corner of Alta Road and future extension of Airway Road, immediately north of the U.S.-Mexico border
13	Sunroad Nursery	Proposed nursery	Pending	North of Otay Mesa Rd. btwn Harvest Rd & Vann Centre Blvd
20	Otay Mesa Generating Project	Existing Power Plant (in operation)	In operation	North of Otay Mesa Rd and east of Alta Rd, directly east of the PPEC site.
<b>CITY OF SAN DIEGO</b>				
14	Sunroad/Interstate Industrial Center	Proposed warehouse development	Pending	East side of Piper Ranch Rd, south of Otay Mesa Rd
15	Sunroad Otay Park	Proposed industrial development	Pending	West side of Piper Ranch Rd, btwn Otay Mesa Rd and Airway Rd
16	Siempre Viva Business Park	Proposed foreign trade zone	Pending	South of Siempre Viva Rd and east of La Media Rd
17	Esplande	Proposed 1,337 unit single-family residential development	Pending	Southeast corner of Otay Mesa Rd and La Media Rd

Map ID No.	Project Name	Project Description	Status/Timing	Location
18	World Petro III	Proposed service station	Pending	1599 La Media Rd
19	Cross Border Facility	Proposed international pedestrian bridge	Pending	South of Siempre Viva Rd btwn Britannia Blvd and La Media Rd

APN = Assessor's Parcel Number

### 5.18.2.1 Aggregate Production

#### Vulcan Batch Plant (Map Identification Number: 1)

The application is for a modification to an existing permit for industrial use as a concrete and asphalt batch plant. The project site is located in East Otay Mesa in unincorporated San Diego County, approximately 0.25 miles southeast of the proposed project. The site is currently graded and vacant. The project would be implemented in two phases, with the hot mix asphalt plant in the first phase and the ready-mix concrete plant in the second phase. Site Plan 07-038 was approved by the Director on July 14, 2010. Where the approved Site Plan showed six 60-foot high, 400-ton aggregate storage bins, the revised plan shows five aggregate piles separated by 20-foot high concrete divider walls, combined with six 20-foot tall, 40-ton storage bins. In addition, the proposal would realign the on-site sewer line, rotate the hot mix asphalt plant about ten degrees clockwise (to the southwest), and shift the concrete plant equipment to the northwest. The project would also reduce the height and length of a conveyor belt, identify the general location on the ground of active daily operations piles for aggregate materials and make refinements to the parking and the amount of paved area around the production facilities. The planned modification to the Vulcan Batch Plant is currently undergoing environmental review, and the timeframe of construction is not yet known. Since the timeframe of construction and operation are unknown, analysis of potential impacts cannot be concluded at this time.

#### Otay Hills Construction Aggregate Extraction Operation (2)

This project is a MUP for an aggregate quarry and associated activities on a 210 acre site at the eastern extension of Otay Mesa in the foothills of the San Ysidro Mountains. The project is expected to last 50 years with extraction ranging from 250,000 to 1,250,000 tons of material per year. The project also includes a Reclamation Plan to implement the activities necessary for the reclamation of land that have been disturbed through activities permitted by the MUP. An EIR is currently being prepared for this project.

### 5.18.2.2 Correctional Facility

#### Corrections Corporation of America Correctional Facility (3)

The County of San Diego KivaNet database indicates that a modification of a MUP has been approved on November 19, 2010 for a correctional facility. The project is a modification to the previously approved (April 10, 2009) MUP for a secure detention facility, and involved moving the future detention facility 400 feet from the previously approved site. Other changes included relocating the parking lot, addition of building space, and minor changes to the building layouts. The new facility would be located within a Heavy Industrial land use designation, north of the existing Otay Mesa Generating Project, and would be located approximately 600 feet northeast across Calzada de la Fuente from the PPEC.

The proposed facility is designed for the short-stay of inmates awaiting transfer to permanent facilities. Based on the Land Use analysis evaluated during the MUP's environmental review process, the facility has been determined to be compatible with surrounding industrial land uses, and land use designations assigned in the adopted East Otay Mesa Specific Plan. The Otay Mesa Specific Plan supersedes the County's Zoning Ordinance, and provides land use designations and development standards for the site and surrounding properties within the specific plan boundaries (County of San Diego 2010b). If the project proceeds on schedule, the project would be expected to commence construction in 2012, and begin operation in 2014.

**East Mesa Detention Center (4)**

This project is a MUP for an unmanned wireless telecommunications facility within an existing county detention facility. The project site is located at 446 Alta Road in the Otay Community Plan area, in unincorporated San Diego County, approximately 0.4 miles north of the proposed PPEC project. The MUP consists of a proposed 45-foot high mono-pine with twelve panel antennas and one directional antenna. Supporting equipment would consist of indoor equipment cabinets inside a slump block wall equipment building. An emergency back-up generator would be located inside a slump block wall equipment shelter with a chain link lid attached to the equipment building. Two GPS antennas would be mounted to the equipment building. The project would also include trenching from the proposed mono-pine to the equipment shelter for the coaxial cable and trenching from the proposed mono-pine 295 feet southwest to an existing utility pole. This project is not anticipated to have cumulative impacts when considered with PPEC due to its size and type of use.

**5.18.2.3 Industrial Uses****Paragon Management Project (Hawano Subdivision) (5)**

This project is a Tentative Map (TM) for 23 light industrial lots and one detention basin lot on 80 acres in the East Otay Mesa Specific Plan Area, within unincorporated San Diego County. The site is subject to the General Plan Regional Category Current Urban Development Area (CUDA) and Land Use Designation 21 Specific Plan. The specific use of each proposed parcel will be established through a Site Plan submittal. The site is currently vacant and vegetated in non-native grassland. Access is proposed via Airway Road and Siempre Viva Road. The project includes roadway improvements to Airway Road along the project frontage, Enrico Fermi Place on-site, Siempre Viva Road on-site and partial improvements off-site to the west, Via de la Amistad along the project frontage, Alta Road along the project frontage, and proposed on-site Enterprise Road and Hawano Drive. Phasing information was not provided. This project is currently preparing an EIR. Construction details for the project are not known yet, and the project would be subject to environmental review. Development may increase vehicle trips during construction. Construction impacts are relatively short term and are not anticipated to have cumulative impacts. During operation, vehicle trips would be reduced. Neither construction nor operational related traffic would contribute to cumulative impacts.

**Piper Otay Park (6)**

Piper Otay Park (TM 5527/ER 93-19-006AA), is a proposed tentative subdivision map to subdivide an undeveloped 24.84 gross acre parcel into 13 industrial lots ranging from 1.03 acres to 2.61 acres. The project site (APN 646-240-74-00) is located in the 600 block of Piper Ranch

Road, immediately west of the right-of-way for the future State Route 125, and north of Otay Mesa Road, within unincorporated San Diego County. City of San Diego jurisdiction lies immediately to the west and south of the site. The proposed uses include industrial commercial with limited and related support office uses. This project was approved by the County in February 2010.

**Otay Crossings Commerce Park (7)**

The Otay Crossings Commerce Park is a proposed TM and Specific Plan Amendment (SPA) to a 311-acre site. The SPA will re-align SR-11 and Circulation Element roads. The TM will create 31 industrial lots. A Final EIR is currently being prepared for this project. Specific construction details for the project are not known yet. Neither construction nor operational related traffic would contribute to cumulative impacts.

**Sunroad/Interstate Industrial Center (14)**

This project is a TM to develop 453,000 square feet of warehousing on three lots. No environmental document is available to review at this time.

**Sunroad Otay Park (15)**

This project is a TM to develop 1,337,000 square feet of small industrial park on 33 lots. No environmental document is available for review at this time.

**Otay Mesa Generating Project (20)**

Calpine Corporation owns and operates the 590 MW natural gas-fired, combined cycle Otay Mesa Generation Project, which includes a new 230 kV switchyard on a 46 acre site. This project is located directly adjacent to PPEC on the east. The plant was certified by the CEC in April, 2001, and commenced commercial operation in 2009.

**5.18.2.4 Business Parks****Otay Business Park (8)**

Otay Business Park is a proposed TM to subdivide a 161.6 gross acre parcel into 59 industrial lots, three drainage/detention basin lots, and 25.35 acres of on-site roads. No specific uses have been identified. The project site (Assessor's Parcel Number [APN] 648-070-21) is located immediately north of the U.S./Mexico border, approximately 0.5 mile east of Enrico Fermi Drive, in East Otay Mesa, within unincorporated San Diego County. Zoning is established by the East Otay Mesa Specific Plan, Subarea 2, with a designation of Mixed Industrial. The site is undeveloped. A Final EIR is currently being prepared for this project. The project is proposing a total of four (4) development phases to commence in 2011, with full Project buildout anticipated by 2014.

**International Industrial Park (9)**

The project is a TM to subdivide approximately 170 acres of vacant land into ten parcels for technology/business park use. Approximately 127 acres of the project site will be developed, 33 acres will be placed in open space, and 10 acres will be used for internal circulation streets. The

project site is located in Subarea 1 in the East Otay Mesa Specific Plan Area, part of the Otay Subregional Planning Area, within unincorporated San Diego County.

**Sunroad/Otay Tech Center (10)**

This project is a tentative map (TM 5538) to subdivide 54 lots on 253.1 acres ranging in size from 1.8 to 5.3 acres. The project site is located within the East Otay Mesa Specific Plan. The site is located at the northeast corner of Otay Mesa Road and Harvest Road, in San Diego County.

**Siempre Viva Business Park (16)**

No additional information was available for this project at this time. No environmental document is available for review at this time.

**5.18.2.5 Commercial Uses****California Crossings (11)**

The project is a three parcel commercial complex located in the East Otay Mesa Specific Plan Area, part of the Otay Subregional Planning Area, within unincorporated San Diego County. An EIR is currently being prepared for this project.

**5.18.2.6 Residential****Esplande (17)**

This project is proposing to develop 1,337 single family residential units. No additional information was available for this project at this time. An application has been filed with the City of San Diego. No environmental document is available to review at this time.

**5.18.2.7 Specific Plan****East Otay Mesa Specific Plan (12)**

The East Otay Mesa Specific Plan that plans for the long-term development of approximately 3,300 acres for industrial and business center in San Diego County. This planning document establishes a framework for future development, including policies, guidelines, implementation programs, and phasing for infrastructure and financing. The SP was originally approved by the County in 1994. Since then two amendments have been made to the SP. In the 2002 amendment, the Specific Plan was divided into two Subareas and property located outside Subarea 1 was renamed Subarea 2. The plan was divided due to the time required to evaluate environmental constraints and the uncertainty of the alignment of State Route 11 and the proposed third Port-of-Entry in Subarea 2. The 2010 amendment re-combined Subarea 1 and 2 into a single SP. No major revisions were made to the land use or circulation plans with the 2010 amendment, except for a boundary change that resulted from a voter initiative. Its primary purpose was to simplify and clarify permitting and development requirements during a period when numerous landowners were processing permits.

Although the East Otay Mesa Specific Plan has been approved, future developments may overlap with PPEC. At this early stage in the development of the specific plan area, it is not possible to predict the time when, or specific location where, these impacts may occur. Several projects described above, including the Otay Business Park, Piper Otay Park, Otay Crossings Commerce Park, California Crossings, and Sunroad/Otay Tech Center are proposed as part of the Specific Plan. Buildout of the East Otay Mesa Specific Mesa Specific Plan is anticipated to have significant cumulative impacts, even without the proposed project.

#### **5.18.2.8 Other**

##### **Sunroad Nursery (13)**

The project is a MUP for a Wholesale Nursery, on about 68 acres in the East Otay Mesa Specific Plan. The project consists of wholesale production of field and container grown ornamental horticulture crops. The project site is located east of State Route 125, at the southwest corner of Lone Star Road and Harvest Road in the East Otay Mesa Subregional Plan, within unincorporated San Diego County.

##### **World Petrol III (18)**

This project is a proposed service station, with 22 fueling stations. The proposed service station will also include a 3,632 square foot mini mart, a car wash, a 2,042 square foot restaurant and a 290 square foot office. No environmental document is available for review at this time.

##### **Cross Border Facility (19)**

This approved project is for the construction and operation of an international pedestrian bridge called San Diego-Tijuana Airport Cross Border Facility near San Diego, California, at the international boundary between the United States and Mexico. Construction is expected to begin in 2011, and the facility could start operating in late 2012 or early 2013. The plans call for an enclosed, 525-foot pedestrian bridge leading to the Tijuana airport and a two-story, 45,000-square-foot building on the U.S. side of the border that would house U.S. Customs and Border Protection facilities. A Finding of No Significant Impact was made by the Department of State, which was issued a Presidential permit, effective August 3, 2010. In making this determination, the Department consulted with other federal agencies, as required by Executive Order 11423, as amended.

#### **5.18.2.9 Conclusion**

Section 5.18.2 and Table 5.18-1 identify past, present and reasonably foreseeable future projects that could produce related or cumulative impacts when combined with PPEC's project impacts. The projects identified in Section 5.18.2 which require a discretionary action, such as a MUP (as identified), would be analyzed for potential impacts on a project by project basis, and where appropriate, assigned mitigation measures to reduce potential projects impacts to less than significant levels. Each incremental development is required to comply with all applicable State and Federal regulations concerning impacts to the environment. It is important to note that the current economic downturn has generally slowed economic growth, and has resulted in delayed development. As a result, while the identified pending projects have active permitting status, the actual project permitting and/or construction timeframes occur further in the future than

previously planned, and it is possible that fewer projects than identified will be developed during the PPEC construction timeframe. Additionally, as discussed in Section 5.9, the proposed PPEC is located within an area designated for heavy industrial uses, and would be consistent with the industrial nature of the surrounding similarly assigned Specific Plan heavy industrial land use designations.

The analyses of the PPEC's potential to result in an impact (with implementation of measures to reduce project-specific impacts) which is created as a result of the combination of the PPEC together with projects identified in Section 5.18.2 that cause related impacts are provided in the respective resource sections(s) of this AFC. The PPEC is a small component of the overall development in the Specific Plan Area, and as analyzed in the respective resource section in this AFC, implementation of the mitigation measures proposed in this AFC would limit the project's incremental contribution to cumulative impacts to acceptable levels for all disciplines. As a result, the contribution of the project would not be expected to be cumulatively considerable, and thus, would be less than significant.

### 5.18.3 Stipulated Conditions of Certification

No stipulated conditions of certification apply to the issue area of cumulative impacts.

### 5.18.4 Mitigation Measures

No new mitigation measures are proposed for the issue area of cumulative impacts.

### 5.18.5 Laws, Ordinances, Regulations, and Standards

Laws, ordinances, regulations, and standards (LORS) that apply to the project are addressed in Chapter 5 in the respective resource sections.

### 5.18.6 Involved Agencies and Agency Contacts

Table 5.18-3 lists agencies and agency contacts applicable to the issue of Cumulative Impacts.

**TABLE 5.18-3  
AGENCY CONTACTS**

<b>Agency</b>	<b>Contact</b>	<b>Title</b>	<b>Telephone</b>
County of San Diego, Department of Public Works Transportation Planning Section	Francisco "Nick" Ortiz	Project Manager/Traffic Engineer	858-694-2410
County of San Diego, Department of Public Works Transportation Planning Section	Everett Hauser	Transportation Specialist/Traffic Engineer	858-694-2412
City of San Diego, Development Services Department	Victoria Huffman, P.E.	Associate Traffic Engineer	619-446-5396

**5.18.7 Permits Required and Permit Schedule**

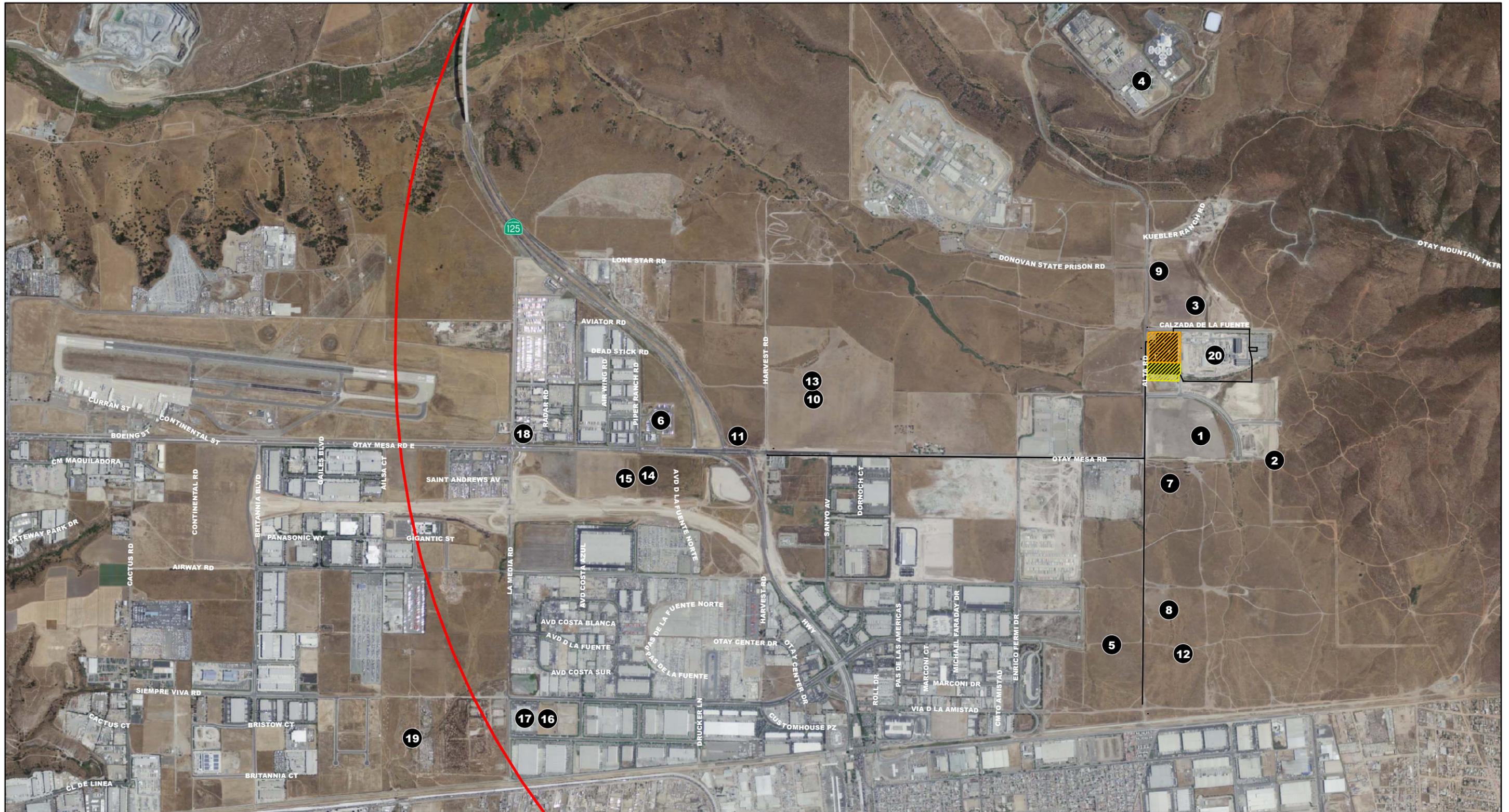
No permits are required for the issue of cumulative impacts.

**5.18.8 References**

Personal communications with listed agency contacts occurred on November 22, 2010, December 2, 2010, and December 16, 2010.

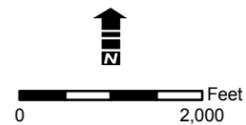
County of San Diego. 2010a. *Kivanet Land Information System*, accessed on December 22, 2010 at <http://landinfo.sdcounty.ca.gov/Index.cfm>.

2010b. San Diego County Correctional Facility Major Use Permit Modification 3301 06-074-01 (MUP), Otay Subregional Plan; District 1. Staff Report and attachment prepared by the County of San Diego Department of Planning and Land Use. November 19.



- Legend**
- Potential Cumulative Project Location
  - Potential Project Linears
  - ▨ Project Site
  - ▨ Laydown Area
  - Project Site 3-Mile Radius\*

\* Note: Areas within the 3-mile radius not appearing on the figure do not contain proposed and active projects, per the County of San Diego and City of San Diego records.



**FIGURE 5.18-1  
CUMULATIVE PROJECTS**

**PIO PICO  
ENERGY CENTER**

PROJECT NO.: 29874639  
DATE: DECEMBER 2010

