

## DOCKETED

<b>Docket Number:</b>	15-AFC-01
<b>Project Title:</b>	Puente Power Project
<b>TN #:</b>	204219-7
<b>Document Title:</b>	4.0 Environmental Information
<b>Description:</b>	N/A
<b>Filer:</b>	Sabrina Savala
<b>Organization:</b>	NRG Oxnard Energy Center, LLC
<b>Submitter Role:</b>	Applicant
<b>Submission Date:</b>	4/16/2015 10:44:09 AM
<b>Docketed Date:</b>	4/15/2015

## 4.0 ENVIRONMENTAL INFORMATION

This section presents a description of the affected environment and potential environmental consequences associated with Puente Power Project (P3 or project). The environmental assessments presented in this section are meant to comply with California Energy Commission requirements, including those of the California Environmental Quality Act (CEQA). In general, each section follows the same format, presenting the affected environment and existing site conditions, and then the environmental consequences of the proposed project, with measures proposed to mitigate significant adverse impacts. In addition, each section identifies laws, ordinances, regulations, and standards applicable to each resource area. For certain resource areas, a table is included that identifies additional permits necessary for the project, and indicates the appropriate location in this Application for Certification of the supporting information necessary for the permitting agency to issue the permit. The resources discussed in the sections that follow are:

- Air quality;
- Biological resources;
- Cultural resources;
- Geologic hazards and resources;
- Hazardous materials handling;
- Land use and agriculture;
- Noise;
- Paleontological resources;
- Public health;
- Socioeconomics;
- Soils;
- Traffic and transportation;
- Visual resources;
- Waste management;
- Water resources; and
- Worker safety and health.

### CUMULATIVE IMPACTS

Under certain circumstances, CEQA requires consideration of a project's cumulative impacts (CEQA Guidelines § 15130). A "cumulative impact" consists of an impact which is created as a result of the combination of the project under review, together with other projects causing related impacts (CEQA Guidelines § 15355). CEQA requires a discussion of the cumulative impacts of a project when the project's incremental effect is cumulatively considerable (CEQA Guidelines § 15130[a]). "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects (CEQA Guidelines § 15065 [a][3]).

When the combined cumulative impact associated with a project's incremental effect and the effects of other projects is not significant, further discussion of the cumulative impact is not necessary (CEQA Guidelines § 15130[a]). It is also possible that a project's contribution to a significant cumulative impact is less than cumulatively considerable, and therefore not significant (CEQA Guidelines § 15130[a]). In such cases, the basis for concluding that the cumulative impact is not significant or the project's incremental effect is not cumulatively considerable should be described (CEQA Guidelines § 15130[a]). The discussion of cumulative impacts should reflect the severity of the impacts and their likelihood of occurrence, but the discussion need not provide as great a level of detail as is provided for the effects

attributable to the project under consideration (CEQA Guidelines § 15130[b]). The discussion should be guided by standards of practicality and reasonableness (CEQA Guidelines § 15130[b]).

A cumulative impact analysis starts with a list of past, present, and probable future projects within a defined geographical scope that have the potential to produce related or cumulative impacts (CEQA Guidelines § 15130[b]). Factors to consider when determining whether to include a related project include the nature of the environmental resource being examined, the location of the project, and its type (CEQA Guidelines § 15130[b]).

For the purposes of this Application for Certification, the City of Oxnard and Ventura County were contacted to obtain a list of related projects (Table 4-1 and Figure 4-1). For the air quality resource area, the Ventura County Air Pollution Control District was also contacted to determine whether any recently permitted emission units should be included in the cumulative impacts analysis (see Section 4.1). Projects were identified for consideration in the cumulative analysis based on their size, proximity to the project site, and anticipated overlap with P3 in either construction or operation. Depending on its location and type, not every project on this list is necessarily relevant to the cumulative impact analysis for each environmental topic. The cumulative impact analysis is presented in the environmental consequences section for each resource area.

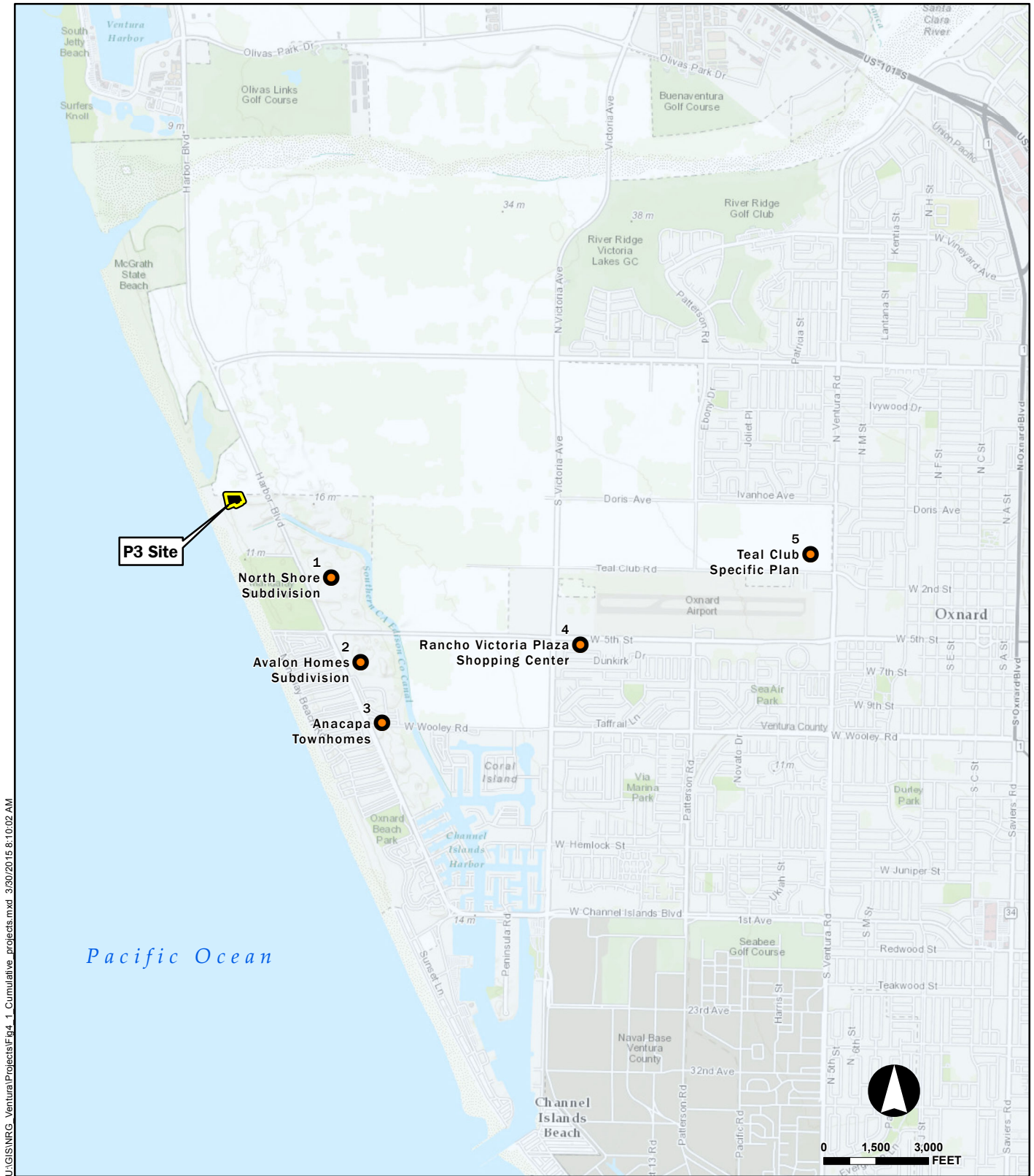
**Table 4-1  
P3 Cumulative Projects List**

<b>Map ID Number</b>	<b>Project Name</b>	<b>Project Description</b>	<b>Status</b>	<b>Location</b>
1	North Shore Subdivision	Residential Development of 183 single-family homes, 109 detached condos, and onsite amenities.	Plan Review	198 South Harbor Boulevard (Northeast corner of W. Fifth Street and Harbor Boulevard) APN: 183001074
2	Avalon Homes Subdivision	Residential development of 64 single-family homes on an 8.1-acre property.	Proposed	Between Dunes and Canal Streets, north of Catamaran Street APN: 196001027
3	Anacapa Townhomes	Residential development of 70 condominiums in five buildings on a 3.5-acre property.	Plan Review	5001 West Wooley Road (Northeast corner of Harbor Boulevard and Wooley Road) APN: 196003329
4	Rancho Victoria Plaza Shopping Center	Commercial Development. Major modification to revise the site plan and architecture for an approved shopping center, and a revision to the approved tentative subdivision map to create and accommodate 11 commercial buildings on 11 separate parcels.	Approved	3600 and 3700 West Fifth Street APN: 185017008, 185017009
5	Teal Club Specific Plan	Community plan for 990 residential units of varying density; 21-acre community park; 8-acre school site; 60,000-square-foot mixed-use and retail area; 132,000-square-foot business research park; and fire station.	CEQA Review	Ventura Road and Teal Club Road

Notes:



APN = assessor's parcel number

CEQA = California Environmental Quality Act



L:\GIS\NRG\_Ventura\Projects\Fig4\_1\_Cumulative\_projects.mxd 3/30/2015 8:10:02 AM

Source: ESRI Basemap, 2014

-  Cumulative Project Location
-  Puente Power Project (P3) Site

**CUMULATIVE PROJECTS**

NRG  
Puente Power Project  
Oxnard, California  
April 2015

**FIGURE 4-1**