

### **3.0 Cumulative Projects**

Section 15130 of the CEQA Guidelines requires that an EIR discuss cumulative impacts of a project when the project's incremental effect is cumulatively considerable, as defined in section 15065(c). Section 15355 of the State CEQA Guidelines defines “cumulative impacts” as two or more individual effects that, when considered together, are either considerable or compound other environmental impacts.

A typical “project specific” cumulative analysis examines changes in the environment that result from the incremental impact of development of a proposed project and other reasonably foreseeable projects that have not been included in the environmental setting. For example, the air quality impacts of two projects in close proximity may be insignificant when project emissions are analyzed separately, but could be significant when these emissions are combined and analyzed together. While these projects may be unrelated, their combined (i.e., cumulative) air quality impacts would be significant.

The goal of the cumulative project analysis is to identify those reasonably foreseeable projects that could have spatial and temporal overlaps with the Proposed Project. These projects could have a potential for a significant cumulative environmental impact. Projects with temporal overlaps include those that are planned to occur during the same timeframe as the Proposed Project. Projects with spatial overlaps are those which would have impacts in the same geographic area or on the same resources as the Proposed Project (e.g., emissions that could affect the same air basin). The following discussion identifies future projects near the location of the Proposed Project, including E&B’s Project and the City Maintenance Yard relocation, and alternatives with a potential for significant cumulative environmental impact.

Cumulative projects are those that, in conjunction with the Proposed Project, can potentially cause cumulatively significant adverse environmental impacts. The area within which cumulative impacts could occur depends upon the project activity and type of impact. The cumulative impact study area is the area surrounding the Project facilities where other projects could be proposed, including offshore areas.

For this Proposed Project, the cumulative impact study area includes the immediate vicinity surrounding the Oil Project Site and the proposed crude and gas pipelines in the City of Hermosa Beach, Redondo Beach and Torrance as well as the area around the Proposed City Maintenance Yard Project. Greenhouse gas (GHG) emissions would have cumulative impacts well beyond the region, and this analysis will consider Project-related GHG emissions relative to those on both a regional and statewide scale. Under risk of upset conditions and for impacts involving biological resources, geology, air quality, noise, traffic, and recreation, the cumulative impact study area would also encompass the communities of the City of Hermosa Beach, the City of Redondo Beach and Torrance (see Figure 2-1).

### **3.1 Description of Cumulative Projects**

The Project Site is within property owned by the City of Hermosa Beach, as shown in Figure 2-1, located at the western edge of Los Angeles County, bounded by the Pacific Ocean on the west. The oil and gas production and processing facilities will be physically located at a single site at the current City Maintenance Yard. The Maintenance Yard would be demolished and moved to a location currently occupied by a self-storage facility in Hermosa Beach on City-owned property adjacent to City Hall.

#### **3.1.1 City of Hermosa Beach**

The City of Hermosa Beach currently has no cumulative projects that are of a scale and in a location that could cumulatively add to Project impacts.

#### **3.1.2 City of Redondo Beach**

The City of Redondo Beach currently has three cumulative projects that are of a scale and in a location that could cumulatively add to Project impacts. These cumulative projects are:

- Redondo Beach Energy Project;
- Anita Traffic Lane Modification Project;
- Harbor Development Project;

The Redondo Beach Energy Project (RBEP) is proposed by AES Southland, LLC to construct and operate a power generation facility located at 1100 North Harbor Drive in the City of Redondo Beach, Los Angeles County. The proposed RBEP site is southeast of and adjacent to the North Harbor Drive and Herondo Street intersection and would utilize 10.5 acres of the existing approximately 20 acre site. The RBEP is a proposed natural-gas fired, combined-cycle, air-cooled electrical generating facility with a net generating capacity of 496 megawatts (MW), which will replace, and be constructed on the site of, the existing AES Redondo Beach Generating Station. The existing power generation facility currently located on the Generating Station site would be removed. The project is currently under review by the California Energy Commission.

The Anita Traffic Lane Modification Project would involve removing a traffic lane on Anita between Pacific Coast Highway and Hermosa Avenue and adding parking with a "back in" approach. The project would reduce Anita to one lane in each direction and would add 9 parking spaces in Hermosa Beach. It is planned for implementation in the summer of 2014.

Under the Harbor Development Project, a commercial center would be built on approximately 15 acres adjacent to the harbor in the City of Redondo Beach. The commercial center would be comprised of 400,000 square feet total, with 200,000 square feet of commercial and 200,000 square feet of hotel and office space. The project is estimated to be implemented in the 2015-2016 timeframe.

**3.1.3 City of Torrance**

The City of Torrance currently has no cumulative projects that are of a scale and in a location that could cumulatively add to Project impacts.



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