would not conflict with regulations adopted to achieve the goals of the Climate Scoping Plan. No impact would occur.

City of Seal Beach - The City of Seal Beach has not yet developed a Greenhouse Gas Reduction Plan or Climate Action Plan. The City of Seal Beach General Plan, adopted in December 2003, does not contain an air quality element or a Climate Action Plan. The applicable GHG planning document for the City is the AB-32 Climate Change Scoping Plan discussed above.

3.4.9 Hazards and Hazardous Materials

Would the project:

		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒
d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code § 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
g)	Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☒	☐

a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? (Less than Significant Impact)

The project would not involve the routine transport, use, or disposal of hazardous materials. Operation of the Solar PV Project would not involve the use of hazardous materials.

Project construction would involve the use and transport of typical construction-related materials such as fuels, lubricants, adhesives, and solvents. Heavy equipment not permitted on public roads would be refueled on-site, but no overnight fuel storage or maintenance of heavy equipment would occur on the Project site. Any onsite refueling operations would be conducted at the staging area, which is a flat level dirt pad. Any spills during refueling would be small and contained within the staging area.

The transformer that would be used on the site would use a biodegradable oil for cooling such as mineral oil or a type of vegetable oil. No hazardous substances as defined by the Hazardous Materials Transportation Uniform Safety Act would be used, transported, or disposed of as a part of the Project. Therefore, the project would not create a hazard to the public or the environment through routine transport, use or disposal of hazardous materials and the impact would be less than significant.

b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? (Less than Significant Impact)

Solar facility equipment, including transformers and inverters, requires use of oils and lubricants in small quantities. Any leaks of transformer oil or solvents would be very limited, contained in a drip pan, and would be repaired to maintain proper functioning equipment. Very small quantities of solvents, cleaners, or other chemicals may be used during maintenance of the Project for cleaning equipment or to prevent corrosion.

The use, storage, and transport of hazardous materials throughout the operational life of the Project would be carried out in accordance with federal, state, and county regulations for transport, storage, and disposal of hazardous materials. Impacts from hazardous material releases during operation would be less than significant.

c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? (No Impact)

The proposed Solar PV facility would not emit hazardous emissions or require the handling of hazardous or acutely hazardous material. Also, there are no schools located within one-quarter of a mile of the proposed Project site.

d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code § 65962.5 and, as a result, would it create a significant hazard to the public or the environment? (No Impact)

The project site is not listed as a hazardous materials site compiled pursuant to Government Code Section 65962.5 and, as a result, project implementation would not create a significant hazard to the public or the environment.

e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area? (No Impact)

The project is not located within an airport land use plan or in the vicinity of a public airport. The site is located over three miles from Los Alamitos Joint Forces Training Base (JFTB) and is not within the Airport Environs Land Use Plan (AELUP) for that facility.

f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? (No Impact)

The project is required to meet all applicable fire codes and City regulations that provide for adequate access to and from the site and will not impair access. The Hellman OGPF site has two access points for emergency response and meets the requirement of Orange County Fire Authority (OCFA), and CalGEM. This project would not interfere with any emergency plans for either the City of Long Beach or the City of Seal Beach. All construction equipment and supplies will be stored on site away from public and

emergency access roads. As such, the project will not impair the implementation or physically interfere with an adopted emergency response plan or emergency evacuation plan.

g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires? (Less than Significant Impact)

Once constructed, the PV solar facilities would be built to meet all relevant California building standards, including building code, electrical code, and fire code requirements, thereby minimizing the potential for ignition to occur at the facility. In addition, routine maintenance at the Hellman OGPF facility includes vegetation management to ensure a defensible space is maintained consistent with the requirements of OCFA, and CalGEM. The Hellman OGPF maintains a Fire Protection Plan and has a firewater system. The oil storage facility has fire monitors that could be used in the unlikely event of a fire at the PV solar site. The nearest fire station to the Hellman OGPF site is OCFA Station 44, which is less than a mile from the site. Because the Project would be built to modern code requirements, would be maintained to have a defensible space around the facility, has a fire firewater system on site, the Project operational impacts related to hazards resulting from wildland fires are less than significant.

3.4.10 Hydrology/Water Quality

Would the project:

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	☐	☐	☒	☐
i. result in a substantial erosion or siltation on- or off-site;				
ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☒	☐	☐
iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv. impede or redirect flood flows?	☐	☐	☒	☐
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☒