

PALOMAR ENERGY PROJECT (01-AFC-24)
CEC STAFF DATA REQUEST NUMBER 94

Technical Area: Visual Resources

Response Date: April 8, 2002

REQUEST:

Please provide a description of existing night lighting as visible from KOPs 1, 3, and 6.

RESPONSE:

KOP 1 is within the undeveloped ERTC site itself and consequently has no lighting in its immediate vicinity.

The view from KOP 3 looking east across most of the ERTC toward the Palomar site is also largely devoid of lighting. To the northeast and directly east, there are ridgelines between the undeveloped ERTC site and the community of Escondido beyond the ridges. A slight glow of the urbanized areas of Escondido is visible just above the peak of the ridge directly east of the KOP. To the southeast, where the terrain is lower, the lights of urbanized Escondido are visible in the distance.

Looking toward the Palomar site from KOP 6, an elevated location across Highway 78 to the north of the site, there is light from vehicular traffic on Highway 78, normal street lighting, and lighting of the industrial/commercial area south of Highway 78 between the Highway and the currently undeveloped area of the ERTC site and vicinity further to the south. The Escondido Substation is located within this industrial/commercial area; the substation property has less night lighting than the other nearby industrial/commercial properties south of Highway 78. The undeveloped Palomar site and the remainder of the overall ERTC site, which lie beyond the industrial/commercial area, are currently without night lighting.
