

**Exhibit E**

**Table 1 Entrainment Impacts of California Power Plants  
Data from AEG (2002) and Foster (2005) unless otherwise noted  
ND = no data or no accurate data available \* = fished species**

<b>Power Plant</b>	<b>Intake Environment</b>	<b>Generation Capacity (MW)</b>	<b>Intake Volumes MGD</b>	<b>Density Larvae (/1000m<sup>3</sup>) &amp; # taxa entrained</b>	<b>Most Abundant Entrained Species</b>	<b>Mitigation for Entrainment Impacts<sup>+</sup></b>
1. Alamitos	South Coast - South Palos Verdes Region; shore in bay/harbor	2083	1275 (4.817)	ND	ND	ND
2. Contra Costa	San Francisco Bay-Delta	680	341 (1.291)	ND	ND	ND
3. Diablo Canyon <sup>A</sup> (nuclear)	Central Coast; shore in open coast rocky cove	2200	2540 (9.615)	Fish density: 465 #taxa: 218 Crabs density: 10,960 #taxa: 9 Urchins density: 593 #taxa: 2	*Rockfishes, Clinid Kelpfishes, Blackeye Goby, Monkeyface Eel, Smoothhead Sculpin, Snubnose Sculpin, *White Croaker, *Cancer Crabs, *Yellow Rock Crab, Purple Sea Urchin	120 - 240 hectares (296-593 acres) of rock reef
4. El Segundo	South Coast - Santa Monica Bay; subtidal open coast sand bottom	1020	605 (2.29)	ND	ND	ND
5. Encina	South Coast; shore in bay/estuary	965	857 (3.244)	ND	ND	ND
6. Haynes	South Coast - South Palos Verdes Region; shore in bay/harbor	1570	1271 (4.811)	ND	ND	ND
7. Humboldt Bay	North Coast; shore in estuary	135	78 (0.2953)	ND	ND	ND
8. Hunters Point	South San Francisco Bay; shore of estuary	215	412 (1.560)	ND	ND	ND

**Table 1 (continued) Entrainment Impacts of California Power Plants**  
 . Data from AEG (2002) and Foster (2005) unless otherwise noted.  
 ND = no data or no accurate data available. \* = fished species

Power Plant	Intake Environment	Generation Capacity (MW)	Intake Volume (MGD)	Density Larvae ( $1000m^3$ ) & # taxa entrained	Most Abundant Entrained Species	Mitigation for Entrainment Impacts*
9. Huntington Beach <sup>a</sup>	South Coast - South Palos Verdes Region; subtidal open coast sand bottom	880	507 (1.919)	Fish density: 407 #taxa: 53 Crabs density: 667 #taxa: 8	Gobies, *Anchovies *Spotfin Croaker, *White Croaker, *Queenfish, **"Croakers," Blennies, *Mole Crabs, *Cancer Crags	2.3 - 56.4 km of sandy coastline to 5 km offshore = 1,150 - 28,240 hectares (2,840 - 69,752 acres)
10. Long Beach	South Coast- South Palos Verdes Region; shore in harbor	577	261 (0.988)	ND	ND	ND
11. Los Angeles Harbor	South Coast - South Palos Verdes Region; shore in harbor	472	110 (0.4164)	ND	ND	ND
12. Mandalay	South Coast- Ventura Region; in harbor	577	255 (0.9653)	ND	ND	ND
13. Morro Bay <sup>c</sup>	Central Coast; shore in estuary/harbor	1002	668 (2.529)	Fish density: 590 #taxa: 92 Crabs density: 24 #taxa: 8 Clams & Mussels density: $1.8 \times 10^6$ #taxa: >5	Gobies, Staghorn Sculpin, Blennies, Shadow Gobies, Jacksmelt, Blackeye Goby, Northern Lampfish, *Cancer Crabs, *Clams, *Mussels	93-307 hectares (230-759 acres) estuarine habitat

**Table 1 (continued) Entrainment Impacts of California Power Plants  
Data from AEG (2002) and Foster (2005) unless otherwise noted.  
ND = no data or no accurate data available. \* = fished species**

<b>Power Plant</b>	<b>Intake Environment</b>	<b>Generation Capacity (MW)</b>	<b>Intake Volume (MGD)</b>	<b>Density Larvae (/1000m<sup>3</sup>) &amp; # taxa entrained</b>	<b>Most Abundant Entrained Species</b>	<b>Mitigation for Entrainment Impacts<sup>+</sup></b>
14. Moss Landing <sup>D</sup>	Central Coast; shore in estuary/harbor	2538	1224 (4.633)	Fish density: 638 #taxa: 67 Crabs density: 3.9 #taxa: 8	Gobies, Bay Goby, Blackeye Goby, Pacific Staghorn Sculpin, Blennies, *White Croaker, *Pacific Herring	460 hectares (1135 acres) of estuarine wetlands
15. Ormond Beach	South Coast - Ventura Region: subtidal open coast sandy bottom	1500	688 (2.605)	ND	ND	ND
16. Pittsburg	San Francisco Bay-Delta	2029	1070 (4.050)	ND	ND	ND
17. Potrero <sup>F</sup>	South San Francisco Bay; shore in estuary	362	226 (0.8555)	Data incomplete	Gobies, Yellowfin Goby, Bay Goby, *Pacific Herring, *Northern Anchovy, *White Croaker, *Cancer Crabs, European Green Crab	357 hectares (882 acres) of estuarine habitat
18. Redondo Beach	South Coast - Santa Monica Bay; harbor	1310	881 (3.335)	ND	ND	ND
19. San Onofre <sup>F</sup> (nuclear)	South Coast; subtidal open coast sand bottom	2254	2580 (9.766)	Fish density: 1590	*Northern Anchovy, *White Croaker, *Queenfish, Gobies, Blennies, *Grunions & Smelts	60.7 hectares (150 acres) of estuarine wetlands

**Table 1 (continued) Entrainment Impacts of California Power Plants.**

**Data from AEG (2002) and Foster (2005) unless otherwise noted.**

**ND = no data or no accurate data available. \* = fished species**

Power Plant	Intake Environment	Generation Capacity (MW)	Intake Volume (MGD)	Density Larvae (/1000m <sup>3</sup> ) & # taxa entrained	Most Abundant Entrained Species	Mitigation for Entrainment Impacts <sup>+</sup>
20. Scattergood	South Coast-Santa Monica Bay; subtidal open coast sand bottom	818	495 (1.874)	ND	ND	ND
21. South Bay <sup>g</sup>	South Coast-Southern San Diego Bay; shore in estuary	723	601 (2.275)	Fish density: 2,744 #taxa:44	Gobies, *Bay Anchovies, Blennies, Mudsuckers, Pipefish, Yellowfin Gobies	406 hectares (1003 acres) of estuarine habitat
<b>TOTAL</b>		<b>23,910</b>	<b>16,925 (64.13)</b>			

<sup>+</sup>. Except for plant 19., based on Habitat Production Foregone (HPF), the area of habitat needed to replace larvae killed by entrainment. These areas vary in part because of the use of different PM values (e.g., PM average versus PM max.). The most appropriate value to use needs to be better resolved (see Recommendations, Appendix 2.)

A. Entrainment data from Tenera (2000a) and mitigation from CCRWQCB (2005) using average PM max.

B. Generation capacity, intake vol. and entrainment data from MBC/Tenera (2005) and preliminary mitigation estimate from using range of average PM max. to average PM max. 95 percent CI (Raimondi pers. comm.).

C. Generation capacity, intake vol. and fish and crab entrainment data from Tenera (2001a), clam densities from Geller (pers. comm.), mitigation from CCRWQCB (2004) using average PM and average PM max.

D. Entrainment data from Tenera (2000b), mitigation from Anderson & Foster (2000) using average PM.

E. Entrainment data from Tenera (2001b; Jan.-June 2001 data only). Mitigation calculated from data in Tenera (2001b) using average PM max = 0.0059 and area of source water habitat = 39,700 hectares.

F. Entrainment data from MRC (P. Raimondi, pers. comm.), mitigation data from CCC (1997)

G. Entrainment data from Duke (2004b), mitigation calculated from data in Duke (2004b) using average PM max(?) = 0.134 and area of source water habitat = 3,033 hectares.

Conversion factors: 1 m<sup>3</sup> = 264.173 US gallons; 1 liter = 0.001 m<sup>3</sup>; 1 hectare = 1 x 10<sup>4</sup> m<sup>2</sup> = 2.471 acres; 1 acre-foot = 325,851 US gallons; 1 megawatt = 10<sup>6</sup> watts