

**Appendix B****Desalination Capacity in California**

Location	Total Capacity m <sup>3</sup> /d	Process	Customer	User	Contract Year	Operation Year	Included in CCC 2004?	Notes
Carlsbad	110	RO	Municipality	MUNI	2002	2003	No	Demonstration plant
CA	3,270	HYBRID		POWER	1992	1992	No	Location not listed in Wangnick/GWI 2005
CA	1,090	HYBRID		POWER	1992	1992	No	Location not listed in Wangnick/GWI 2005
CA	1,440	RO		MUNI	1994	1994	No	Location not listed in Wangnick/GWI 2005
CA	660	VC	PG&E	POWER	1994	1995	No	Location not listed in Wangnick/GWI 2005
CA	1,635	RO		MUNI	1996	1997	No	Location not listed in Wangnick/GWI 2005
Avila Beach	2,180	RO	PG&E	POWER	1985	1985	No	Operational status unknown; calls not returned
Diablo Canyon	2,180	RO	PG&E	POWER	1986	1987	No	Redundant entry (see above)? Calls not returned
Diablo Canyon	2,180	RO	PG&E	POWER	1990	1990	Yes	Calls not returned
Huntington Beach	817	RO	CA EDISON	POWER	1992	1992	No	

Location	Total Capacity m <sup>3</sup> /d	Process	Customer	User	Contract Year	Operation Year	Included in CCC 2004?	Notes
Lompoc	23,360	RO	City	MUNI	1992	1993	No	Never built
Long Beach	37,850	RO	City	MUNI	2001	2003	No	Not in operation yet
Los Angeles	18,925	RO	City	MUNI	1998	1999	No	Never built
Los Banos	1,302	RO	ACOE	IRR	1982	1983	No	Wrong source water; plant located in Central CA
Morro Bay	465	OTHER	PG&E	POWER	1961	1962	No	No longer in operation
Morro Bay	465	OTHER	PG&E	POWER	1962	1963	No	No longer in operation
Morro Bay	568	VC	PG&E	POWER	1984	1985	Yes	No longer in operation
Morro Bay	379	VC	PG&E	POWER	1985	1987	Yes	No longer in operation
Morro Bay	654		Duke Energy	POWER		mid 90s	No	Goschke 2006
Morro Bay	2,271	RO	City	MUNI	1991	1991	Yes	Emergency use only
Moss Landing	711	OTHER	PG&E	POWER	1964	1965	No	Operational status unknown; calls not returned
Moss Landing	711	OTHER	PG&E	POWER	1965	1966	No	Operation status unknown; calls not returned
Moss Landing	1,893	VC	PG&E	POWER	1986	1987	Yes	
Moss Landing	852	VC		POWER	2001	2002	No	Operational status unknown; calls not returned

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Location	Total Capacity m <sup>3</sup> /d	Process	Customer	User	Contract Year	Operation Year	Included in CCC 2004?	Notes
Moss Landing	1,450	VC		POWER	2002	2003	No	Operational status unknown; calls not returned
Orange County	11,340	ME	OCWD Simulator	MUNI	1971	1973	No	
San Francisco	113	RO	Dow Chemical	DEMO	1978	1979	No	Demonstration plant
San Onofre	650	OTHER	Southern Edison	POWER	1966	1967	No	No longer in operation
Santa Cruz	1,817	VC	PG&E	POWER	1985	1987	No	
Santa Cruz	189	VC		DEMO	1997	1998	No	Demonstration plant
Santa Barbara	26,100	RO	City	MUNI	1991	1992	Yes	Capacity reduced by more than 50%
Santa Catalina	500	RO	SCE	MUNI	1990	1990	Yes	Operational status unknown; calls not returned
Santa Catalina	757	RO	SCE	MUNI	1991	1991	No	Operational status unknown; calls not returned
Santa Catalina	600	RO	SCE	INDU	1989	1990	No	Operation status unknown; calls not returned
<b>Total Capacity</b>	<b>149,485</b>							

## References

- California Coastal Commission (CCC). 2004. Seawater Desalination and the California Coastal Act. <http://www.coastal.ca.gov/energy/14a-3-2004-desalination.pdf>.
- Goschke, S. 2006. Personal communication. Duke Energy.
- Wangnick/GWI. 2005. 2004 Worldwide Desalting Plants Inventory. Global Water Intelligence. Oxford, England. Data provided to the Pacific Institute.