

## SAN DIEGO 2010 LOAD & RESOURCE PROFILE

2010 Load	Import Capability (L-1; with SWPL out)	Firm Capacity (in Service)	DR	Non Firm Capacity (573 Otay Mesa and 94 Pala)	Generation contingency (G-1=Otay or G-1=Palomar)	LCR Need (Load – Imports + G-1)	Gen. surplus (Total gen. + CPUC-approved DR - LCR need)	Min. South Bay Gen (708-gen surplus)
5134	2500	2977	85	0	565 firm	3199	-137	<b>708</b>
				573 (w Otay Mesa)	573 w non-firm	3207	428	<b>280</b>
				667 (w Otay Mesa & Pala)	573 w non-firm	3207	522	<b>186</b>

1. The South Bay resources can not retire entirely in 2010.
2. The ISO needs to ensure enough generation operates reliably in 2010 and through the next several years before any more South Bay units retire. There is about 63 MW/year load growth in San Diego. As such the required minimum South Bay generation by 2012 is 186 + 126 or **312 MW**.
3. To ensure San Diego reliability (2010-2012) ISO can release South Bay Units 3 & 4 (175 MW and 222 MW, respectively) but will need units 1 & 2 (146 MW & 150 MW) + CT (15 MW) totaling **311 MW**.
4. Otay Mesa is in testing with expected on line date of 09/09.
5. Pala (Orange Grove) is anticipated to be on line by 02/10.
6. The rest of the South Bay units can retire AFTER either Sunrise becomes operational (currently the end of 2012) or additional resources (not listed above) become operational in an amount sufficient to assure San Diego grid reliability for the foreseeable future (enough to achieve Sunrise's in-service date)