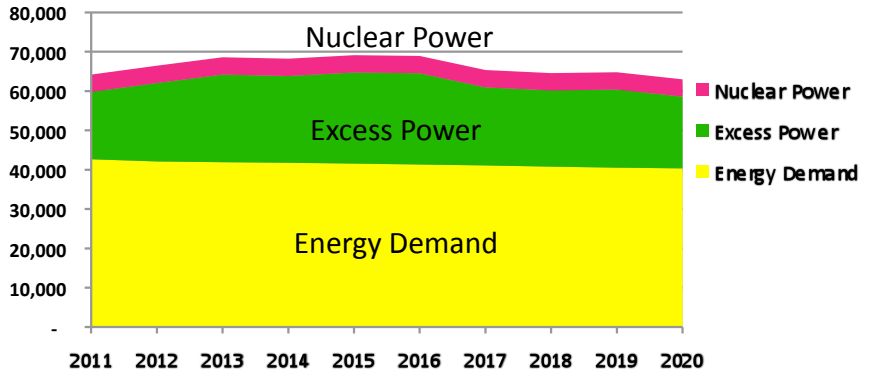
Fact Sheet by: Women's Energy Matters www.womensenergymatters.org

# Excess of Power In California With or Without Nuclear Power 2011-2020 (in Megawatts)




| | | | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUPPLY | Power Supply | PG&E | 30,481 | 32,077 | 32,903 | 32,450 | 32,027 | 32,383 | 29,959 | 29,996 | 30,034 | 30,071 |
| | | So. California Edison | 27,557 | 28,222 | 29,374 | 29,326 | 30,334 | 29,754 | 29,564 | 28,737 | 28,872 | 27,031 |
| | | San Diego G&E | 6,127 | 6,130 | 6,292 | 6,438 | 6,738 | 6,766 | 5,809 | 5,812 | 5,857 | 5,860 |
| | | | **64,165** | **66,429** | **68,569** | **68,214** | **69,099** | **68,903** | **65,332** | **64,545** | **64,763** | **62,962** |
| | ***Each utility's "Service Area Portion of System Resources" includes:*** *Existing generation, Net Imports, Retiring aging plants, Planned additions and Combined Heat & Power.* | | | | | | | | | | | |
| DEMAND | Energy Demand | PG&E | 18,701 | 18,675 | 18,651 | 18,576 | 18,480 | 18,335 | 18,194 | 18,028 | 17,881 | 17,786 |
| | | SCE | 19,584 | 19,000 | 18,863 | 18,805 | 18,705 | 18,639 | 18,565 | 18,456 | 18,361 | 18,296 |
| | | SDG&E | 4,359 | 4,416 | 4,385 | 4,376 | 4,363 | 4,340 | 4,318 | 4,289 | 4,269 | 4,254 |
| | | | **42,644** | **42,091** | **41,899** | **41,757** | **41,548** | **41,314** | **41,077** | **40,773** | **40,511** | **40,336** |
| | ***Each "Residual Service Area Demand" includes:*** *1-in-2 Peak Summer Demand, Energy efficiency, Demand response and Combined Heat & Power.* | | | | | | | | | | | |
| EXCESS | Excess Power | PG&E | 11,780 | 13,402 | 14,252 | 13,874 | 13,548 | 14,049 | 11,764 | 11,968 | 12,152 | 12,286 |
| | | SCE | 7,974 | 9,222 | 10,511 | 10,521 | 11,629 | 11,116 | 10,998 | 10,281 | 10,511 | 8,734 |
| | | SDG&E | 1,768 | 1,714 | 1,907 | 2,062 | 2,375 | 2,426 | 1,491 | 1,523 | 1,588 | 1,607 |
| | | | **21,522** | **24,338** | **26,670** | **26,457** | **27,552** | **27,591** | **24,253** | **23,772** | **24,251** | **22,627** |
| | | | ***150%*** | ***158%*** | ***164%*** | ***163%*** | ***166%*** | ***167%*** | ***159%*** | ***158%*** | ***160%*** | ***156%*** |
| | ***"Resources Exceeding Demand" is calculated by:*** *(Power Supply) divided by (Energy Demand).* | | | | | | | | | | | |
| NUKES | Nuclear Power | Diablo: PG&E | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 |
| | | San Onofre: SCE, SDG&E | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 | 2,200 |
| | | | **4,400** | **4,400** | **4,400** | **4,400** | **4,400** | **4,400** | **4,400** | **4,400** | **4,400** | **4,400** |
| EXCESS | Excess Power w/o Nuclear | PG&E 100% Diablo | 9,580 | 11,202 | 12,052 | 11,674 | 11,348 | 11,849 | 9,564 | 9,768 | 9,952 | 10,086 |
| | | SCE 80% Onofre | 6,214 | 7,462 | 8,751 | 8,761 | 9,869 | 9,356 | 9,238 | 8,521 | 8,751 | 6,974 |
| | | SDG&E, 20% Onofre | 1,328 | 1,274 | 1,467 | 1,622 | 1,935 | 1,986 | 1,051 | 1,083 | 1,148 | 1,167 |
| | | | **17,122** | **19,938** | **22,270** | **22,057** | **23,152** | **23,191** | **19,853** | **19,372** | **19,851** | **18,227** |
| | | | ***140%*** | ***147%*** | ***153%*** | ***153%*** | ***156%*** | ***156%*** | ***148%*** | ***148%*** | ***149%*** | ***145%*** |

***California still has an excess of power without nuclear reactors, through 2020.***

*Source: February 10, 2011 Administrative Law Judge Ruling Attachment A, Pp. 17-19*
*in California Long Term Procurement Plan Proceeding R1005006 http://docs.cpuc.ca.gov/EFILE/RULINGS/130667.htm*