



THE VOTE SOLAR INITIATIVE

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CALIFORNIA SOLAR POLICY 2005

SOLAR LEGISLATION 2005

- **AB 1383** - Fran Pavley, Assembly
SOLAR ON AFFORDABLE HOUSING
- **AB 1348** - Sharon Runner, Assembly
SOLAR RATE SCHEDULE
- **SB 1** - Senators Murray and Campbell
MILLION SOLAR ROOFS BILL

AB 1383 SOLAR ON AFFORDABLE HOUSING



- Creates low income housing development revolving loan program
- Program lasts through 2011

AB 1348 Solar Rate Schedule

- Applies only to commercial or industrial customers whose demand does not exceed 1MW for any 3 month period or who generate >25% of their energy needs with solar or other clean source
- Unbundled Time-of-Use rate: all charges on a per kilowatt hour basis. No demand charges.
- Every utility must have this in place by March 1, 2006

SB 1: CA Million Solar Roofs Bill based on Japanese model

- 10 year program of declining capital incentives
- Sends clear signal to the solar industry to make the investments necessary to bring costs down



PV PRICE DECLINE IN JAPAN

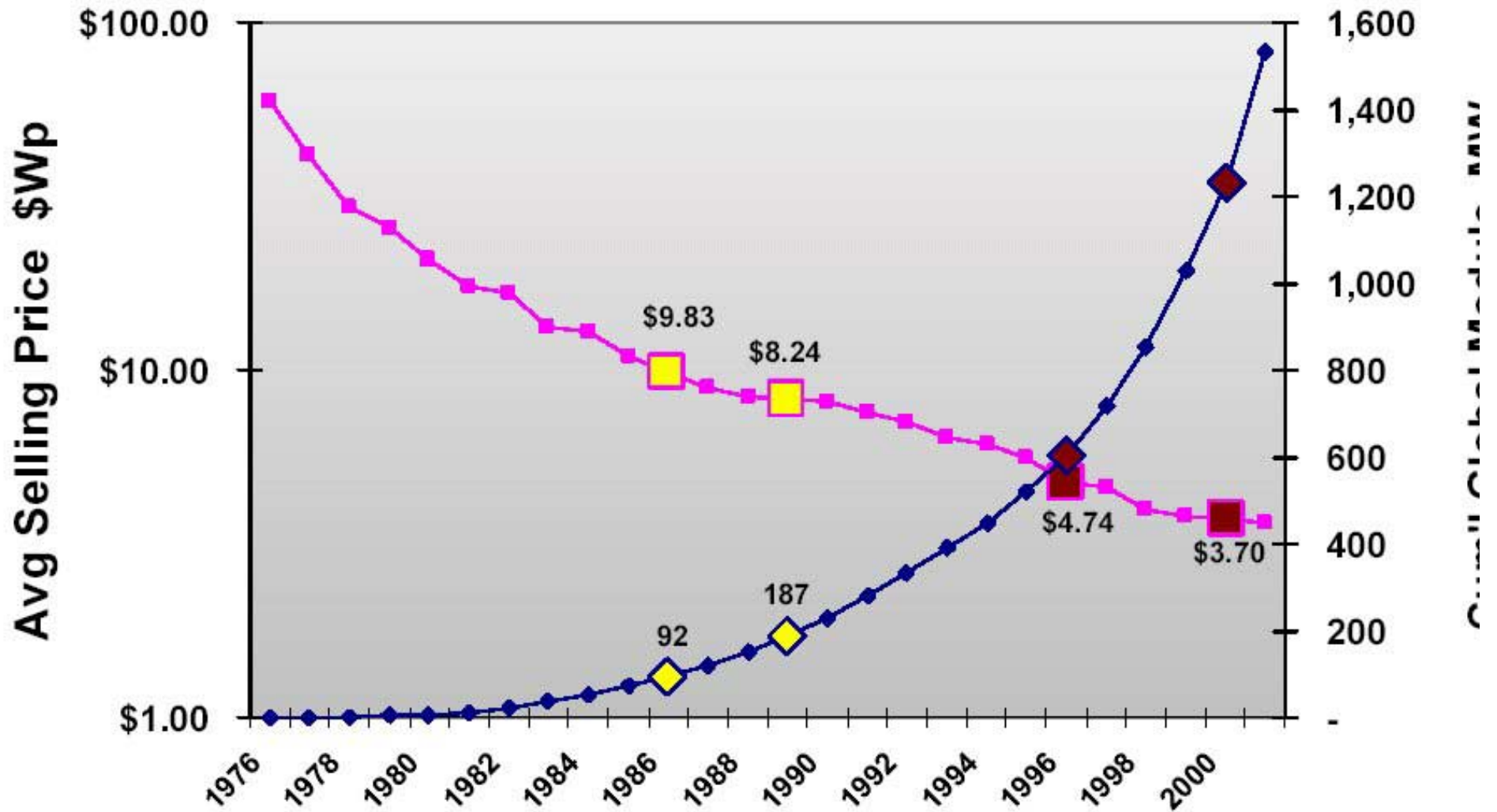
Year	Average Price for 3 kWp solar system	Program Budget	# of Systems per year	Subsidy per system
1994	\$56,834	\$19 M	539	\$35,616
1995	\$40,731	\$31 M	1,065	\$29,364
1996	\$33,153	\$38 M	1,986	\$26,617
1997	\$29,364	\$105 M	5,654	\$18,566
1998	\$28,417	\$139 M	6,352	\$21,881
1999	\$26,522	\$152 M	15,879	\$8,715
2000	\$24,628	\$170 M	20,877	\$5,305
2001	\$21,786	\$223 M	25,151	\$4,618
2002	\$18,944	\$220 M	42,837	\$3,315
2003	Est. \$14,208 – \$17,050	\$194 M	Est. 65,000	\$3,031

BENEFITS TO JAPAN

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

- Installed cost reduced by 72% in just 10 years
- 425,000 PV systems installed
- World leader in solar industry
- 11,000 solar jobs in Japan today
- Rebate down to 40 cents/watt

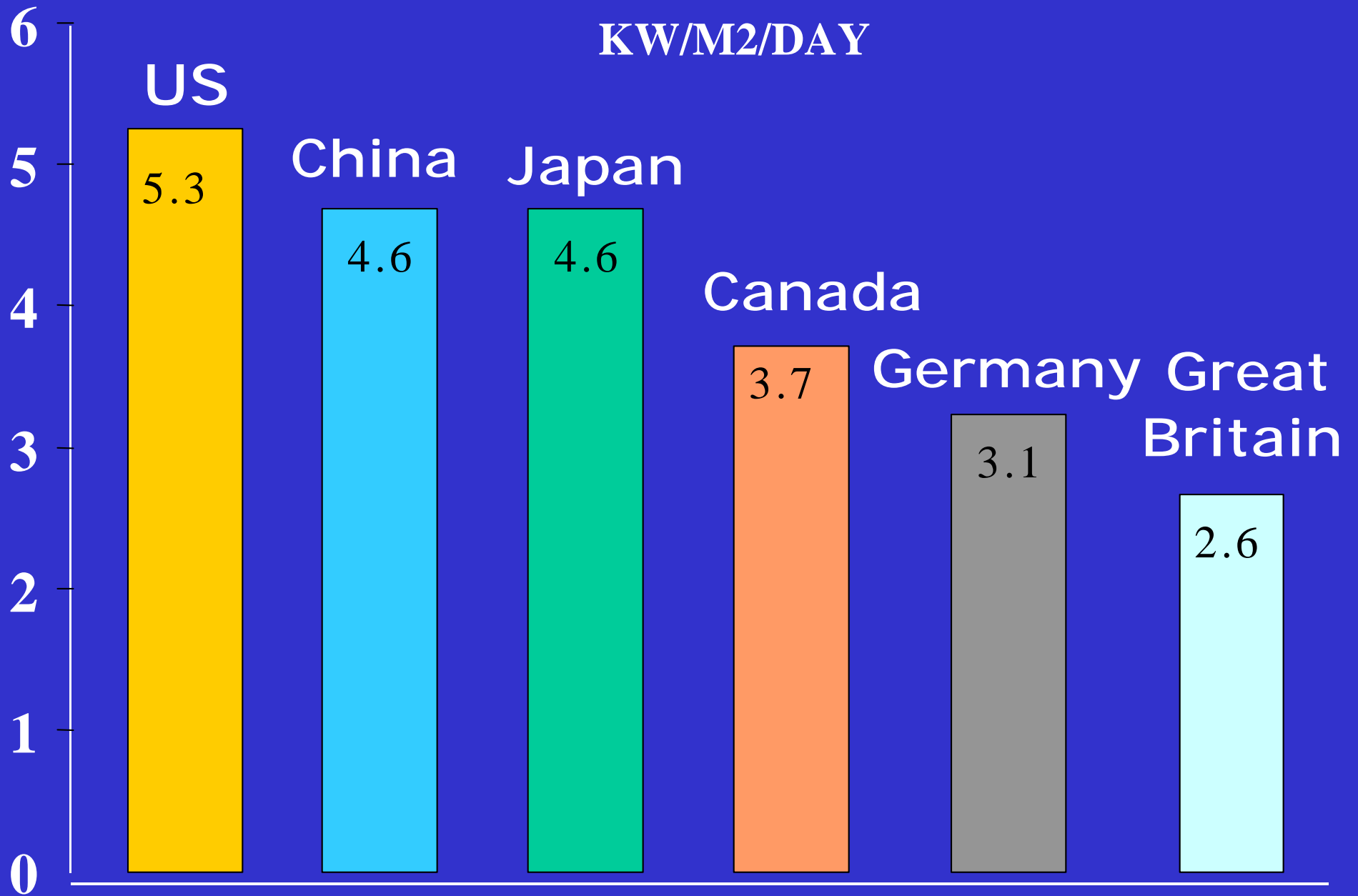
Each Cumulative Production Doubling Drops Price about 20%



Source: POWERLIGHT

AVERAGE DAILY SOLAR INSOLATION

KW/M2/DAY



Radiation on equator pointed, tilted surfaces (NASA)

SB 1 MILLION SOLAR ROOFS BILL

- 3000 MW in 15 yrs (1 million roofs)
- Net metering cap increase to 2%
- Self-sufficient solar industry in 10 yrs
- Includes residential and commercial
- Sales tax exemption for solar?
- 50% solar in new homes in 13 years
- Possible merger of CEC and CPUC
rebate programs