

7 pages only



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solarelectricpower.org

June 22, 2009

Ronald E. Davis
General Manager
Burbank Water and Power
164 W. Magnolia Blvd.
Burbank, CA 91502-1720

Dear Mr. Davis,

As you are already aware, Burbank Water and Power has ranked #7 according to the Solar Electric Power Association's (SEPA's) Utility Solar Integration Rankings in the category of Total Solar Watts/Customer for calendar year 2008 (among other rankings).

!!

Your commitment to diversifying your energy portfolio is to be commended, and we hope utilities across the country will follow your lead.

On Tuesday, July 28th from 12:15pm to 1:30pm, SEPA will be recognizing the utilities that made our 2008 Utility Solar Integration Rankings during a luncheon ceremony at our first annual Utility Solar Conference. The luncheon will take place at the San Jose Marriott in San Jose, California. All ranked utilities will be verbally recognized and asked to join us on stage to receive a plaque and pose for photos. We hope that one or more representatives from your utility will be able to join us.

A copy of the 2008 *Utility Solar Integration Rankings* report is enclosed for your perusal and can also be accessed from our website at www.solarelectricpower.org.

To assist us in making this a memorable event, please contact Yasmeen Hossain at yhossain@solarelectricpower.org no later than July 10th to let us know the name(s) of the individual(s) who will participate on behalf of your organization at the recognition ceremony. Should you have any questions regarding the rankings or would like to discuss ways in which SEPA can be of assistance to your utility, please feel free to contact me via phone at 202-559-2025 or email at jhamm@solarelectricpower.org.

Sincerely,

Julia Hamm
Executive Director

Enclosure

Letter from SEPA Leadership



Utility and Solar Industry Colleagues,

We are excited to release our second annual "Top Ten Utility Solar Integration Rankings," the fifth SEPA report of 2009.

SEPA bridges electric utilities, solar companies and other stakeholders to push solar forward more tangibly, one business at a time. From research projects and national conferences to one-on-one counseling and peer matching services, SEPA's unique joint partnership offers members critical access to key business relationships and unbiased, actionable intelligence needed to make solar practical and profitable in today's shifting energy landscape.

The first annual Utility Solar Integration Rankings were published in the summer of 2008 and encompassed data through the end of 2007. We ranked U.S. utilities according to their installed solar capacity in various categories such as customer-side of the meter, utility-side of the meter, solar capacity per customer, etc., and the positive response was overwhelming. We are pleased to present to you our second annual rankings encompassing data through the end of 2008, highlighting the many new developments in the utility solar landscape.

We hope the annual rankings will provide you with pleasant surprises and continue to foster friendly "solar competition" between electric utilities.

If you have any suggestions or comments, feel free to contact either of us.

David Rubin
SEPA Board Chairman
Pacific Gas & Electric Company

Julia Hamm
Executive Director
Solar Electric Power Association

DEFINITIONS

Capacity

Capacity is the aggregated nameplate grid capacity of all solar electric systems either owned by an electric utility's retail customers, under contract for the purchase of the solar electric output, and/or owned by the electric utility expressed either in megawatts (MW) or watts per customer (w/customer). All photovoltaic direct-current system capacities have been de-rated 80% to express alternating current grid-capacity.

Electric Utility

An *electric utility* is an electric load-serving entity that provides electricity services to retail customers. *Investor-owned utilities* are privately-owned electric utilities whose stock is publicly traded and are rate regulated by a public utility or service commission. *Public power utilities* are municipal, cooperative, utility district, or federal electric utilities that are governed by an elected board of directors or council.⁴

Reporting Period

Data is expressed either on an annual or cumulative basis. Annual data includes operational solar electric capacity installed between January 1 and December 31, 2008. Cumulative data includes all operational solar electric capacity installed on or before December 31, 2008, including years prior to

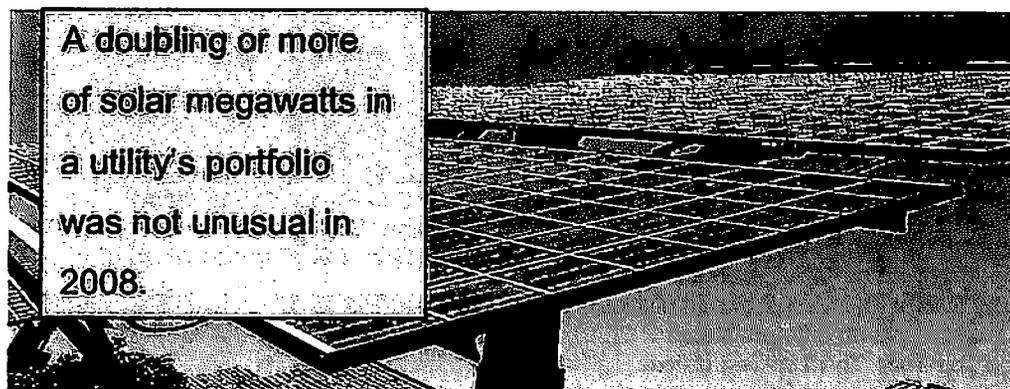
Side of the Meter

Solar electric systems can be interconnected on either the utility or the customer side of the meter. A *customer side of the meter* installation, most commonly known as net metering, utilizes a configuration where the solar electricity generation will reduce the customer's electricity consumption first and, if any additional electricity remains, it will then go into the distribution grid. A *utility side of the meter* installation is a configuration such that all solar electricity is sent directly into the distribution or transmission grid and has no effect on a customer's consumption, even if located on a customer's property or building. Together the two sides of the meter make up the total solar portfolio:

Total Solar Portfolio = Customer Side of the Meter + Utility Side of the Meter

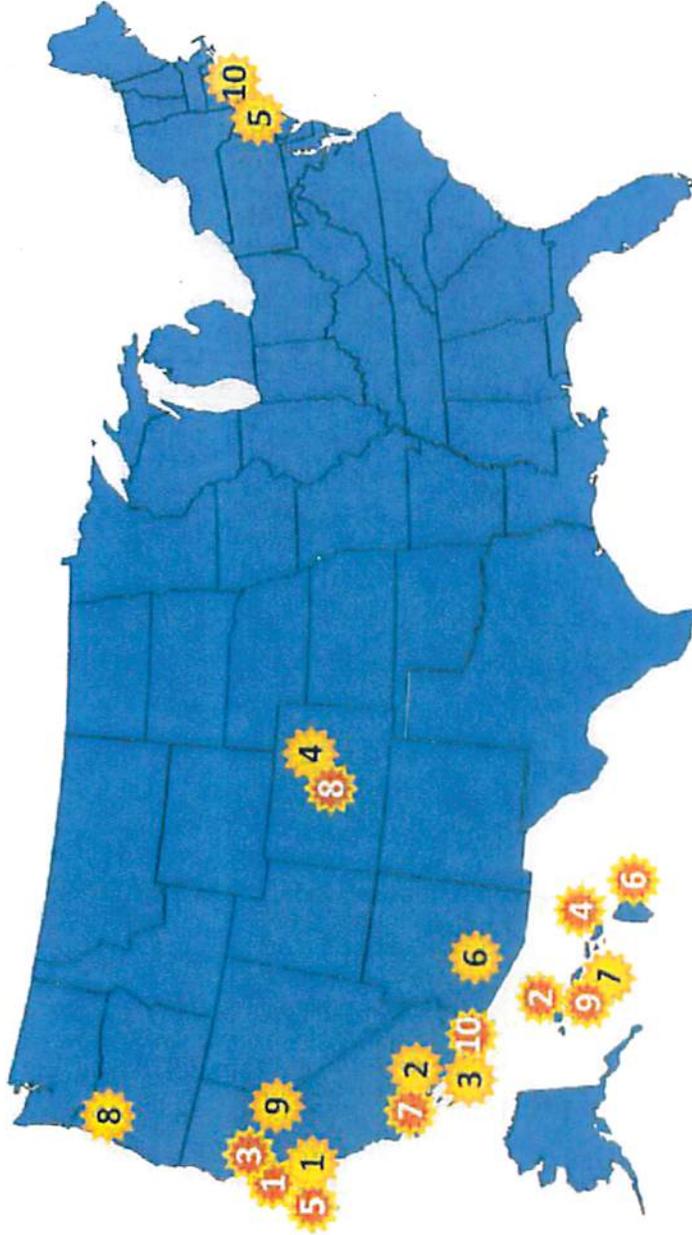
Solar Electric Technologies

There are two primary solar electric technologies, photovoltaic and concentrating solar power. *Photovoltaic* (PV) technologies utilize a photosensitive material to generate electricity direct from sunlight. PV can also be magnified using mirrors or lenses in low- or high-concentrations known as concentrating photovoltaic technology or CPV. *Concentrating solar power* (CSP) technologies utilize mirrors or lenses to concentrate sunlight on a point or line and generate high-temperature heat, which is captured to generate electricity in a later process.



⁴ Two participating utilities, the San Francisco Public Utilities Commission and the Port of Oakland, are not electrical utilities in the traditional sense, serving residential and commercial customers, but entities that procure electricity for their municipal and port accounts.

Annual Rankings (2008) – Top Ten



Total Solar Megawatts

Annual (2008)

- #1 Pacific Gas & Electric Co. - CA (84.9)
- #2 Southern California Edison - CA (32.4)
- #3 San Diego Gas & Electric Co. - CA (16.0)
- #4 Public Serv. Co. of CO (Xcel Energy) - CO (14.2)
- #5 Public Service Electric & Gas Co. - NJ (5.5)
- #6 Arizona Public Service Co. - AZ (3.56)
- #7 Hawaiian Electric Co. - HI (3.54)
- #8 Portland General Electric - OR (3.538)
- #9 Sacramento Municipal Utility District -CA (2.9)
- #10 Long Island Power Authority - NY (2.5)

Total Solar Watts per Customer

Annual (2008)

- #1 San Francisco PUC - CA (2696.3)
- #2 Kauai Island Utility Coop. - HI (47.1)
- #3 Palo Alto Utilities - CA (44.4)
- #4 Maui Electric Co. - HI (32.7)
- #5 Pacific Gas & Electric Co. - CA (16.4)
- #6 Hawaii Electric Light Co. - HI (13.6)
- #7 Burbank Water & Power - CA (12.9)
- #8 Black Hills Energy - CO (12.5)
- #9 Hawaiian Electric Co. - HI (12.0)
- #10 San Diego Gas & Electric Co. - CA (11.8)

OVERALL RANKINGS- CUSTOMER-SIDE OF THE METER

Customer-side of the Meter – Solar Megawatts

*Utility did not participate in last year's survey

Annual (2008)			Cumulative (Through 2008)		
Rank	Utility	MW-AC	Rank '07	Utility	MW-AC
#1	Pacific Gas & Electric Co. – CA	74.9	#1 1	Pacific Gas & Electric Co. – CA	219.1
#2	Southern California Edison – CA	30.4	#2 2	Southern California Edison – CA	85.5
#3	San Diego Gas & Electric Co. – CA	15.3	#3 3	San Diego Gas & Electric Co. – CA	48.3
#4	Public Serv. Co. of CO (Xcel Energy) – CO	14.2	#4 7	Public Serv. Co. of CO (Xcel Energy) – CO	22.0
#5	Public Service Electric & Gas Co. – NJ	5.5	#5 6	Public Service Electric & Gas Co. – NJ	13.2
#6	Arizona Public Service Co. – AZ	3.6	#6 5	LA Department of Water & Power – CA	12.8
#7	Hawaiian Electric Co. – HI	3.5	#7 8	Long Island Power Authority – NY	7.7
#8	Portland General Electric – OR	2.8	#8 10	Arizona Public Service Co. – AZ	6.1
#9	Long Island Power Authority – NY	2.5	#9 9	Sacramento Municipal Utility District – CA	5.0
#10	Sacramento Municipal Utility District - CA	2.0	#10 N/A*	Hawaiian Electric Co. – HI	4.6
	Other Participating Utilities	21.9		Other Participating Utilities	47.7
	Total	176.5		Total	471.9

Customer-side of the Meter – Solar Watts per Customer

Annual (2008)			Cumulative (Through 2008)		
Rank	Utility	Watts-AC	Rank '07	Utility	Watts-AC
#1	Kauai Island Utility Coop. - HI	47.1	#1 2	Kauai Island Utility Coop. - HI	70.6
#2	Palo Alto Utilities – CA	44.4	#2 3	Palo Alto Utilities – CA	70.4
#3	Pacific Gas & Electric Co. – CA	14.5	#3 1	Pacific Gas & Electric Co. – CA	42.3
#4	Maui Electric Co. – HI	14.4	#4 N/A*	Hawaii Electric Light Co. – HI	40.9
#5	Hawaii Electric Light Co. – HI	13.6	#5 4	San Diego Gas & Electric Co. – CA	35.6
#6	Burbank Water & Power – CA	12.9	#6 7	Roseville Electric – CA	26.0
#7	Black Hills Energy - CO	12.5	#7 8	Maui Electric Co. – HI	25.6
#8	Hawaiian Electric Co. – HI	12.0	#8 9	Burbank Water & Power – CA	21.3
#9	Imperial Irrigation District – CA	11.8	#9 13	City of Healdsburg – CA	17.795
#10	San Diego Gas & Electric Co. – CA	11.3	#10 6	Southern California Edison – CA	17.759

BREAKOUT RANKINGS - REGIONAL

California

Total Solar Megawatts – California

Annual (2008)			Cumulative (Through 2008)		
Rank		MW-AC	Rank		MW-AC
#1	Pacific Gas & Electric Co. - CA	84.9	#1	Southern California Edison - CA	441.4
#2	Southern California Edison - CA	32.4	#2	Pacific Gas & Electric Co. - CA	229.5
#3	San Diego Gas & Electric Co. - CA	16.0	#3	San Diego Gas & Electric Co. - CA	49.3
#4	Sacramento Municipal Utility District - CA	2.9	#4	LA Department of Water & Power - CA	13.6
#5	LA Department of Water & Power - CA	2.0	#5	Sacramento Municipal Utility District - CA	10.2

Total Solar Watts per Customer – California

Annual (2008)			Cumulative (Through 2008)		
Rank		Watts-AC	Rank		Watts-AC
#1	San Francisco PUC - CA	2696.3	#1	San Francisco PUC - CA	4739.3
#2	Palo Alto Utilities - CA	44.4	#2	Port of Oakland - CA	3414.7
#3	Pacific Gas & Electric Co. - CA	16.4	#3	Southern California Edison - CA	91.7
#4	Burbank Water & Power - CA	12.9	#4	Palo Alto Utilities - CA	70.4
#5	San Diego Gas & Electric Co. - CA	11.8	#5	Pacific Gas & Electric Co. - CA	44.3

West

Total Solar Megawatts – West

Annual (2008)			Cumulative (Through 2008)		
Rank		MW-AC	Rank		MW-AC
#1	Public Serv. Co. of CO (Xcel Energy) - CO	14.2	#1	NV Energy - NV	77.9
#2	Arizona Public Service Co. - AZ	3.6	#2	Public Serv. Co. of CO (Xcel Energy) - CO	28.5
#3	Hawaiian Electric Co. - HI	3.54	#3	Arizona Public Service Co. - AZ	10.6
#4	Portland General Electric - OR	3.538	#4	Tucson Electric Power - AZ	7.1
#5	Maui Electric Co. - HI	2.2	#5	Hawaiian Electric Co. - HI	4.6

Total Solar Watts per Customer – West

Annual (2008)			Cumulative (Through 2008)		
Rank		Watts-AC	Rank		Watts-AC
#1	Kauai Island Utility Coop. - HI	47.1	#1	Kauai Island Utility Coop. - HI	70.6
#2	Maui Electric Co. - HI	32.7	#2	NV Energy - NV	68.6
#3	Hawaii Electric Light Co. - HI	13.6	#3	Maui Electric Co. - HI	43.8
#4	Black Hills Energy - CO	12.5	#4	Hawaii Electric Light Co. - HI	41.0
#5	Hawaiian Electric Co. - HI	12.0	#5	Public Serv. Co. of CO (Xcel Energy) - CO	21.4

Customer-side of the Meter Solar Megawatts– Public Power Utilities (PPU)

*Utility did not participate in last year's survey

Annual (2008) - PPU			Cumulative (Through 2008) - PPU			
Rank	MW-AC	Rank	'07	MW-AC	Rank	
#1	Long Island Power Authority - NY	2.5	#1	1	LA Department of Water & Power - CA	12.8
#2	Sacramento Municipal Utility District - CA	2.0	#2	2	Long Island Power Authority - NY	7.7
#3	LA Department of Water & Power - CA	1.9	#3	3	Sacramento Municipal Utility District - CA	5.0
#4	Imperial Irrigation District - CA	1.7	#4	4	Austin Energy - TX	2.8
#5	Kauai Island Utility Coop. - HI	1.5	#5	6	Kauai Island Utility Coop. - HI	2.2
#6	Palo Alto Utilities - CA	1.3	#6	9	Imperial Irrigation District - CA	2.2
#7	Turlock Irrigation District - CA	0.94	#7	7	Palo Alto Utilities - CA	2.0
#8	Austin Energy - TX	0.897	#8	5	Salt River Project - AZ	1.7
#9	Burbank Water & Power - CA	0.7	#9	10	Roseville Electric - CA	1.3
#10	Salt River Project - AZ	0.6	#10	11	Burbank Water & Power - CA	1.2

Customer-side of the Meter Solar Watts per Customer – Public Power Utilities (PPU)

Annual (2008) - PPU			Cumulative (Through 2008) - PPU			
Rank	Watts-AC	Rank	'07	Watts-AC	Rank	
#1	Kauai Island Utility Coop. - HI	47.1	#1	1	Kauai Island Utility Coop. - HI	70.6
#2	Palo Alto Utilities - CA	44.4	#2	2	Palo Alto Utilities - CA	70.4
#3	Burbank Water & Power - CA	12.9	#3	3	Roseville Electric - CA	26.0
#4	Imperial Irrigation District - CA	11.8	#4	4	Burbank Water & Power - CA	21.3
#5	Roseville Electric - CA	10.2	#5	8	City of Healdsburg - CA	17.8
#6	City of Healdsburg - CA	9.9	#6	12	Lodi Electric Utility - CA	17.1
#7	Turlock Irrigation District - CA	9.6	#7	14	Imperial Irrigation District - CA	15.4
#8	City of Pasadena - CA	8.2	#8	N/A*	City of Ashland - OR	12.2
#9	Lodi Electric Utility - CA	7.8	#9	N/A*	City of Pasadena - CA	11.9
#10	Holy Cross Energy - CO	5.0	#10	N/A*	Holy Cross Energy - CO	10.8