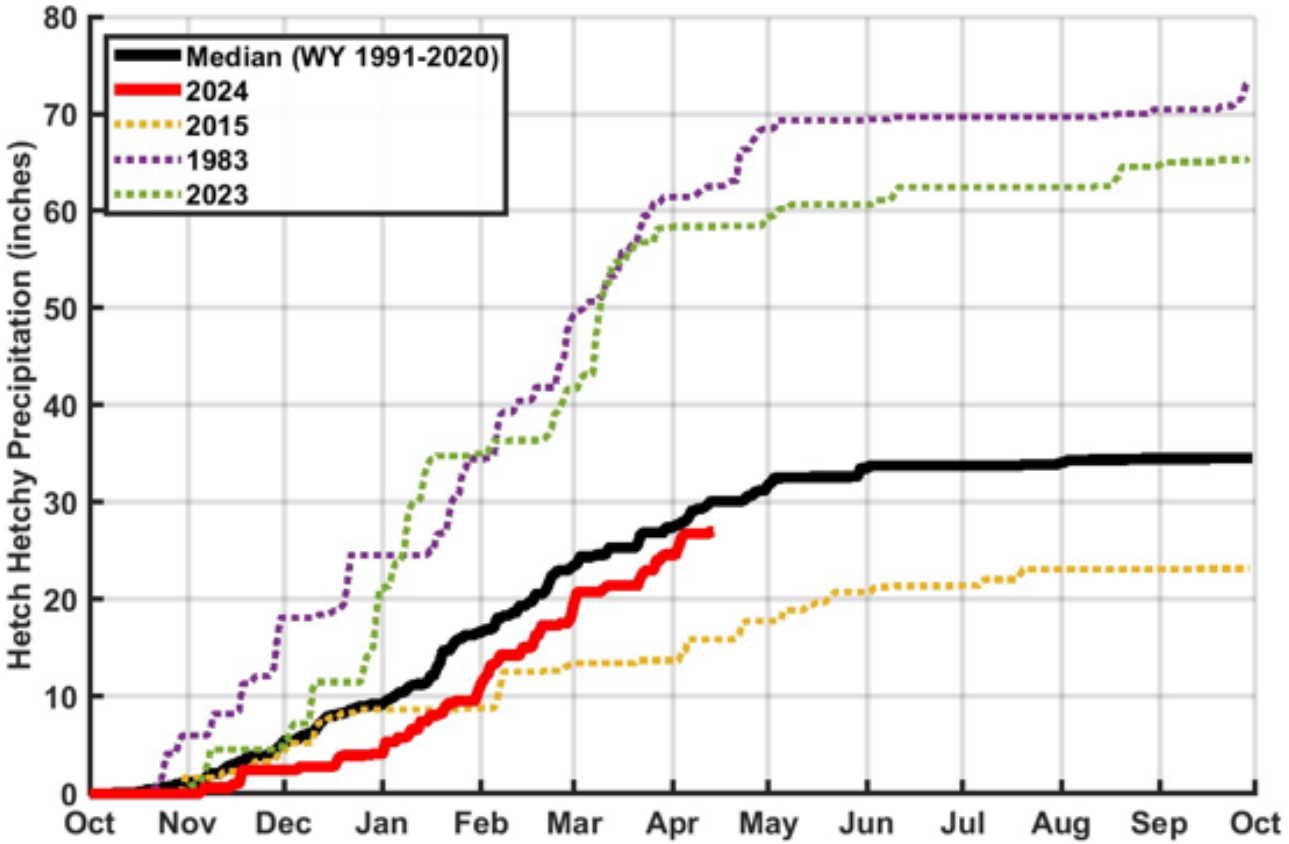

WE DELIVER
April 15, 2024
San Francisco
Water Power Sewer
Services of the San Francisco Public Utilities Commission

Precipitation at Hetch Hetchy
Water Year 2023



A new water year (WY) starts every October. The graph charts cumulative precipitation at Hetch Hetchy Reservoir as the WY progresses. Precipitation is shown asa percentage of average, and curves for the current year and past year are shown. Cumulative preipitation curves for both dry and wet years are also shown, as well as a median. Why 1977? – It is the driest year on record. Why 1983? – It is the wettest year on record.

Reservoir Storage Levels

An acre foot is the volume of one acre of surface area (150 by 290 feet — 10 feet shorter than a football field) to a depth of one foot, also equal to approximately 325,851 gallons.

On average, 1 acre foot of water is enough to meet the demands of 4 people for a year. Tuolumne System storage includes Hetch Hetchy, Cherry (Lloyd), and Eleanor Reservoirs.

Local system includes Crystal Springs, Calaveras, San Antonio, San Andreas, and Pilarcitos Reservoirs.

Storage as of: 15-Apr-2024

Reservoir	Current Storage[1,2,3] (AF)	Maximum Storage[4] (AF)	Available Capacity (AF)	Percent of Maximum Storage	Normal Percent of Maximum Storage[5]
Tuolumne System					
Hetch Hetchy	290,400	360,360	69,960	80.6%	60.2%
Cherry	242,500	273,345	30,845	88.7%	-
Eleanor	23,890	27,100	3,210	88.2%	-
Water Bank	570,000	570,000	0	100.0%	99.0%
Total Tuolumne Storage	**1,126,790**	**1,230,805**	**104,015**	**91.5%**	-
Local System					
Calaveras	94,512	96,670	2,158	97.8%	-
San Antonio	50,961	53,266	2,305	95.7%	-
Crystal Springs	47,292	68,953	21,661	68.6%	-
San Andreas	13,927	18,675	4,748	74.6%	-
Pilarcitos	2,562	3,125	563	82.0%	-
Total Local Storage	**209,254**	**240,689**	**31,435**	**86.9%**	-
Total System Storage	1,336,044	1,471,494	135,450	**90.8%**	**79.7%**
Total without water bank	766,044	901,494	135,450	**85.0%**	-

[1] Upcountry storage is the date's 8AM storage value taken from USGS data

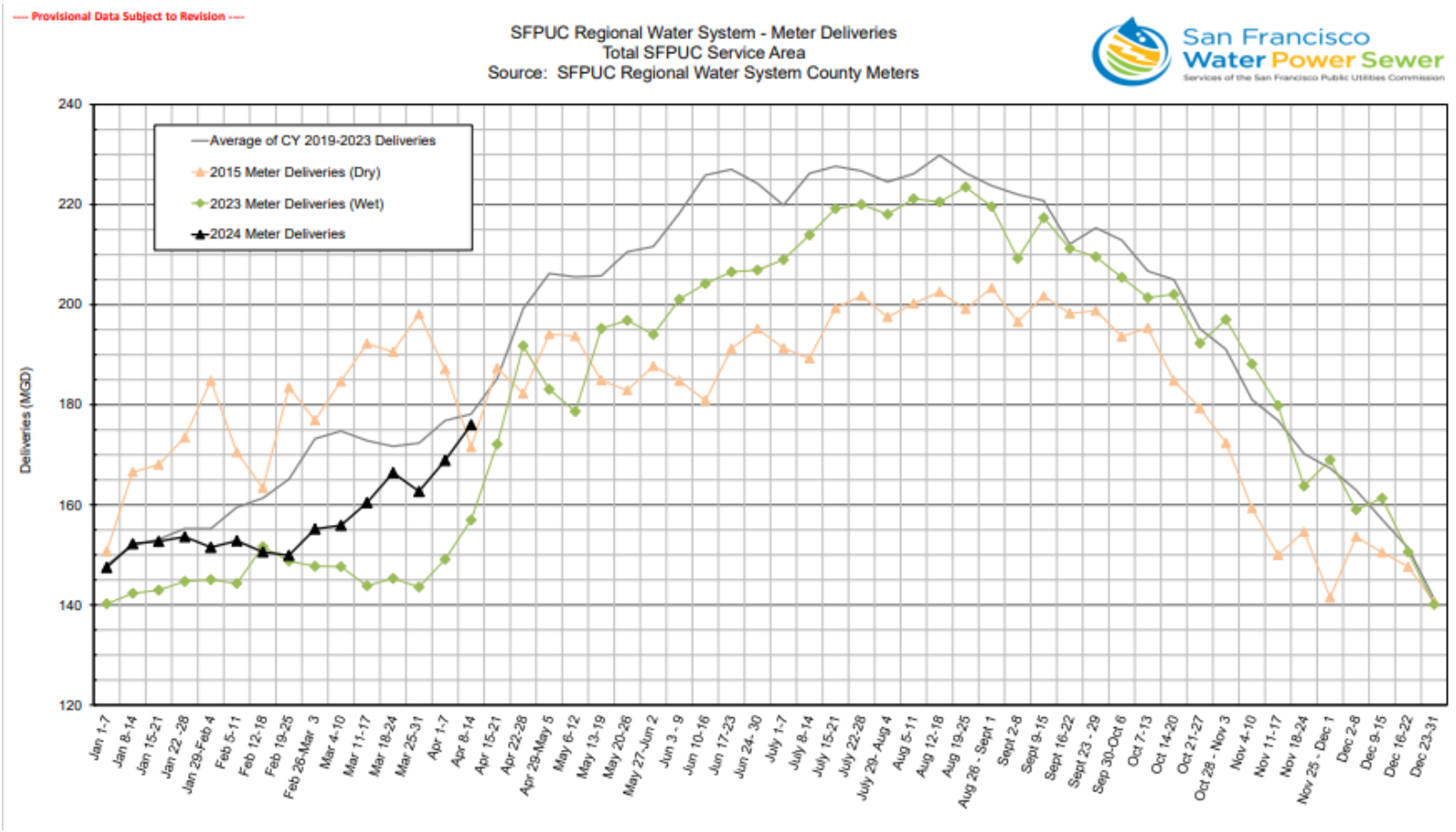
[2] Water bank storage reported by HHWP for 04/14/2024

[3] Local storage is the date's 8AM storage value taken from USGS data

[4] Hetch Hetchy maximum storage is with drum gates activated. Cherry and Eleanor maximum storage is with flashboards in. All maximum storages taken from rating curve.

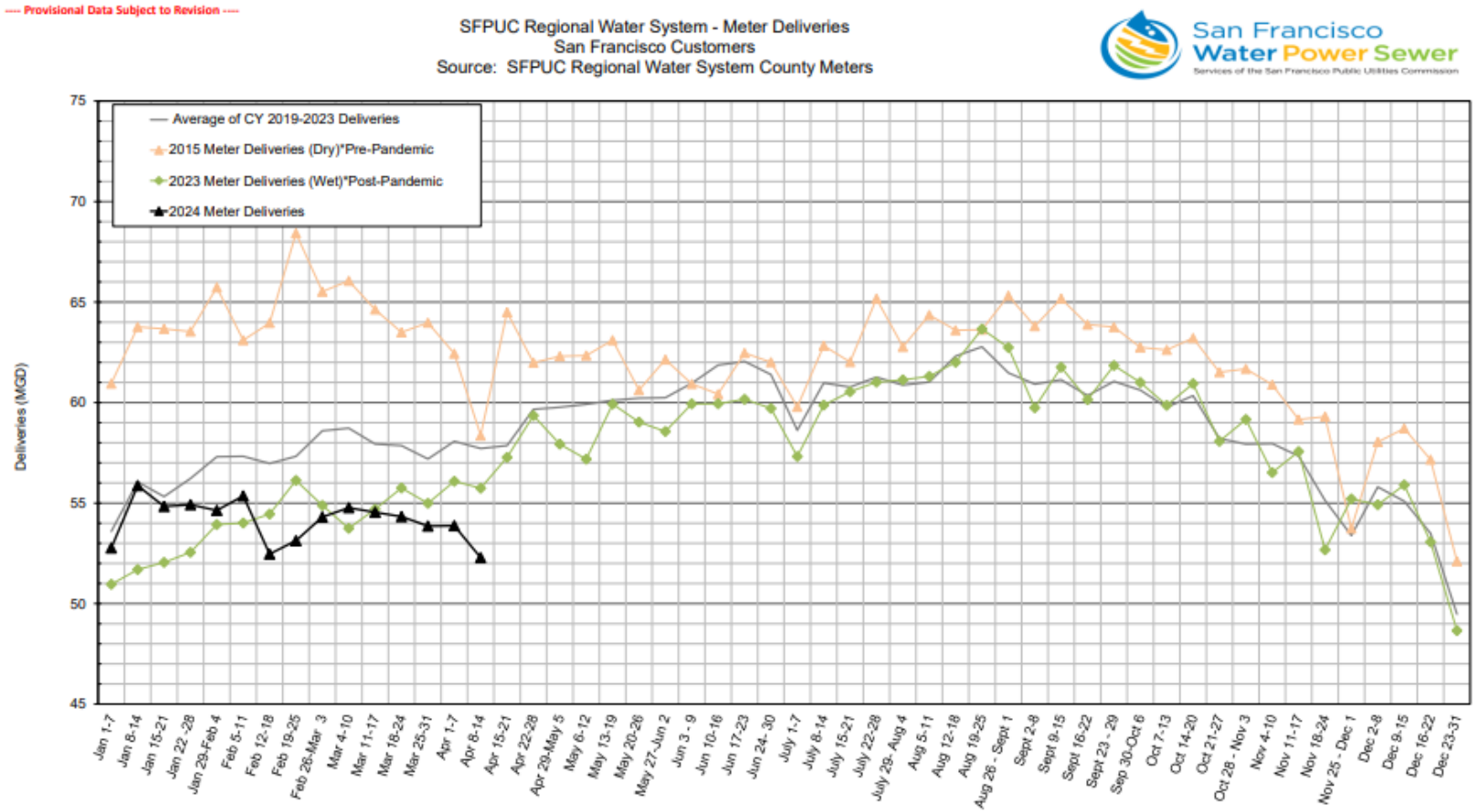
[5] The ratio of median storage for this day over maximum storage capacity. Median storage for this day is based on historical storage data from years 1991 - 2020

Total Deliveries – Total Service Area



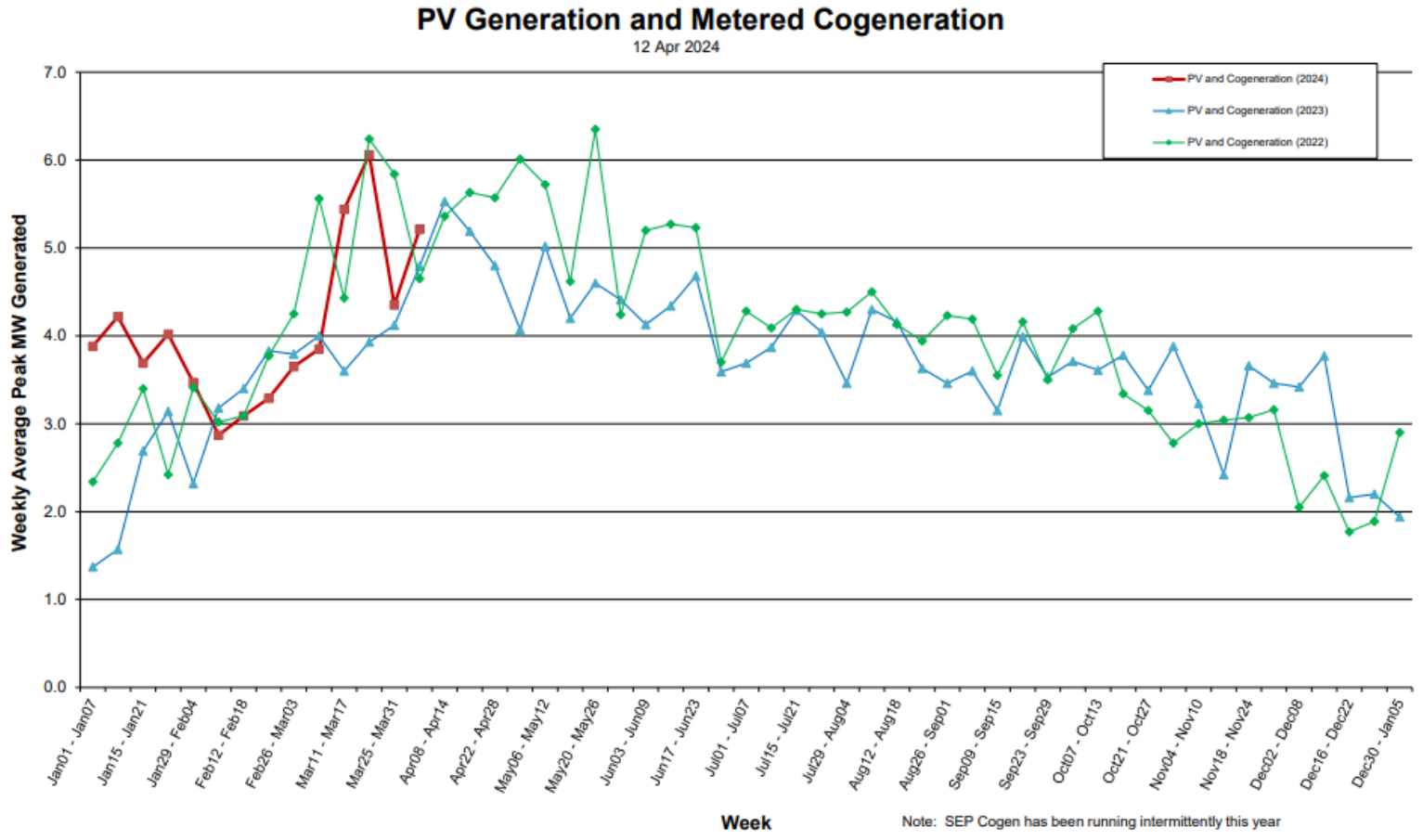
We provide water to 2.7 million residents in the greater Bay Area. Our total service area includes customers in the City and County of San Francisco; as well as Wholesale customers in the Peninsula, South Bay, and East Bay Communities.

Total Deliveries – SF Customers



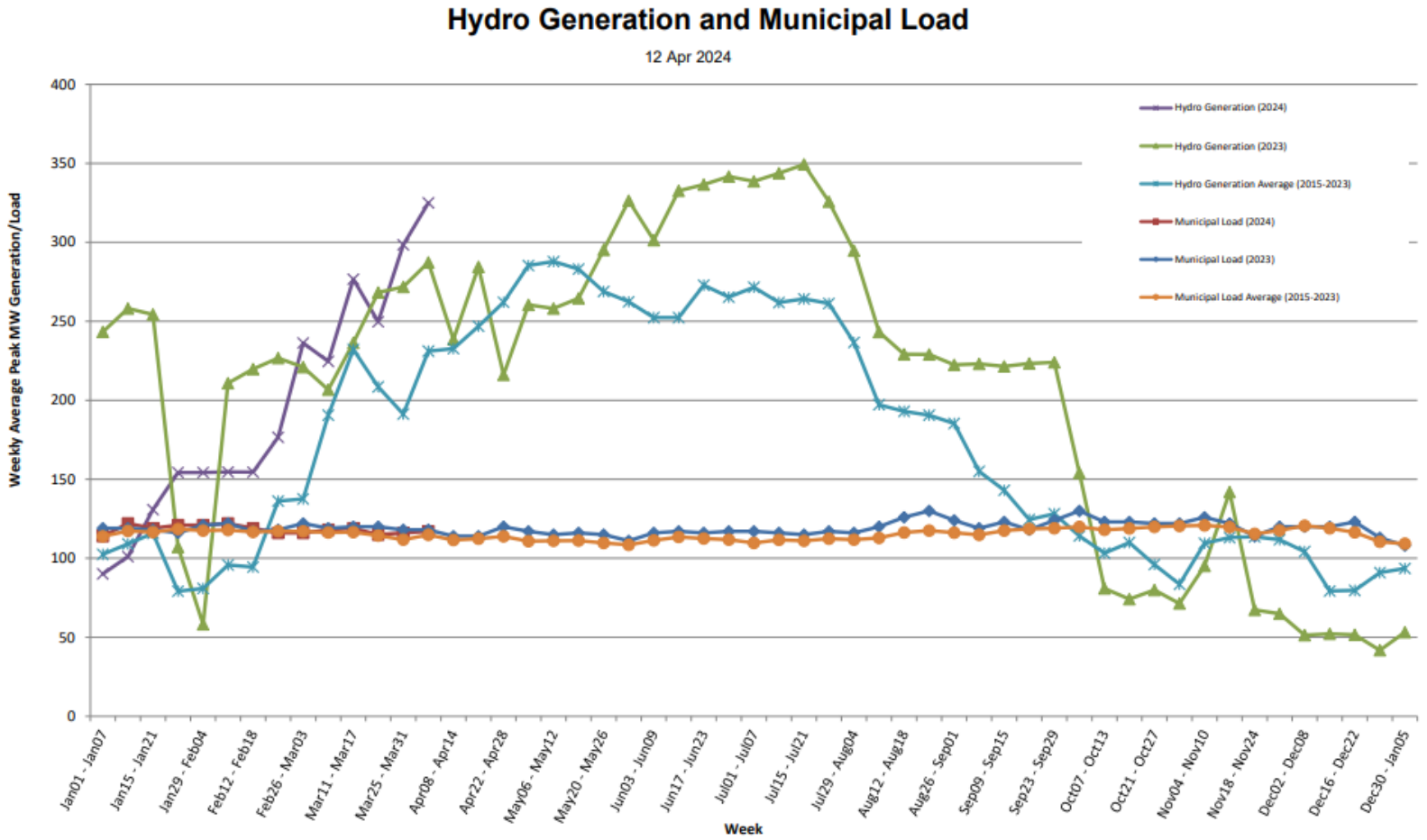
We provide water to 2.7 million residents in the greater Bay Area. "San Francisco Customers" include water metered at the San Francisco County Line, which serves customers in the City and County of San Francisco.

Photovoltaic Gen & Metered Cogeneration



Solar Photovoltaic (PV) technology uses semiconductors to convert solar radiation into DC Electricity. Cogeneration is the process of capturing and using the by-products of electrical generation or wastewater treatment facilities. In the case of wastewater treatment facilities, cogeneration systems use the anaerobic digester gas to generate electricity. Rather than directly releasing these by-products back into the environment, they can be used to generate electricity for the facility.
MW=megawatts

Hydro Generation & Municipal Load



Municipal load is the amount of energy needed to power our municipal facilities. On average that is about 120 MW. These facilities include the San Francisco Municipal Railway, SF General Hospital, SF Unified School District, SFO, SFPD, SFFD, the Port of SF, and the SFPUC's regional and local water and wastewater systems. Hydropower is produced at Kirkwood, Moccasin, and Holm powerhouses.