

MARCH AFB, CA UTILITY SYSTEM DESCRIPTIONS

General Base Description: The following information is only an estimate of the size, scope, and general description of the electrical and natural gas utility systems at March ARB and is subject to change. March Air Reserve Base is an active military installation located in southern California, 9 miles southeast of Riverside, California. The base is located on 2,300 acres of Air Force owned land. It occupies 2,300 acres. There are approximately 166 AFRC buildings on base with 1,430,000 square feet.

Electrical: March ARB receives power from two delivery points: one 115 kV overhead line and one 34.5 kV line. Each overhead delivery line feeds into a government-owned substation (one with a 20 MVA capacity and the other with a 15 MVA capacity) where the voltage is stepped down to 13.2Y/7.6 kV for distribution. Primary and secondary distribution is accomplished via approximately 35,500 linear feet of overhead line and 117,174 linear feet of underground line. The system includes 66 pole type transformers, 40 pad mounted transformers, and 44 substations. There are 12,150 linear feet of street light circuits with 108 fixtures and poles.

Natural Gas System: Natural gas is supplied to the base via one 10-inch main. The distribution system consists of approximately 35,908 linear feet of steel mains varying in size from 2 to 10 inches in diameter.

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