

SIEMENS



Sacramento, Calif.

High Performance Solutions from High Performing People

Committed to delivering safe, reliable and efficient vehicles built in the United States

usa.siemens.com/mobility

Siemens is at the Forefront of Sustainable Technology and Green Manufacturing.

Siemens' Sacramento, Calif. rail manufacturing plant is a leader in providing rolling stock and related services. Its portfolio covers the full range of vehicles –from light rail vehicles and streetcars, to locomotives and coaches, all built right here in the United States at a manufacturing plant powered almost entirely by a 2 MW solar installation.

Siemens has expertise in the areas of urban, commuter and long-distance transport to offer environmentally friendly, efficient and reliable rail vehicles. The company's Sacramento plant builds rolling stock from start to finish: design, engineering, carshells, wheel-sets, sub-assembly, final assembly and testing.

Currently, more than 800 people are employed at the 430,000-square-foot facility, on 60 acres of land. This includes 22-ready-to build-acres for continued expansion. As the operation in Sacramento continues to grow, Siemens has the flexibility to produce a wider array of products to respond to America's rail renaissance.

With its comprehensive portfolio of vehicles, services and solutions built in the United States, Siemens is providing the solutions to keep America moving forward.

Siemens Mobility is already addressing what the federal government aims to do by:

- Providing zero-emission transportation options to move people and goods
- Creating jobs
- Manufacturing with many green technologies and products
- Expanding business operations



Reducing Our Carbon Footprint



Powered by the California sunshine: Manufacturing plant gets more than 80% of energy from 2 MW solar installation



Siemens reduced volatile organic compound waste by more than 50%, while increasing production by more than 200% in less than three years.



Siemens continually works on environmentally compatible product design, incorporating recyclability factors, toxic smoke tests, flame tests and more.

Siemens has Continually Expanded the Localization of its U.S. Rolling Stock Manufacturing Since 1980

1980

- 1980:** First U.S. order of light rail vehicles for San Diego
- 1983:** First local U.S. vehicle assembly for Buy America begins in Pittsburgh, Penn.
- 1984:** First Siemens local assembly established in Sacramento, Calif.

1990

- 1992-1995:** Siemens established permanent light rail facility in Sacramento for engineering, sub-assembly, vehicle assembly, and office space

More than 30 years, more than 1500 vehicles roll out the door

Light Rail



Streetcar



The market leader, Siemens has built more than 1300 light rail vehicles for 17 cities in the U.S. and Canada; one out of every three light rail vehicles in North America is a Siemens vehicle.

The resurgence of streetcars in the U.S. is led by the successful implementation of new streetcar lines operating the S70 Streetcar in Atlanta, Georgia and Salt Lake City, Utah.

2000

2010

- 2006:** Expansion and in-sourcing of carshell manufacturing in Sacramento
- 2007:** Established first satellite vehicle assembly operation – Elmira, NY
- 2008:** Bogie and truck-frame manufacturing began at the Sacramento plant – completing the final aspect of complete vertical integration
- 2009:** Sacramento plant began operating mostly on solar power

- 2010:** Purchased 22 acres adjacent to the plant for further expansion – envisioned to become high-speed rail center of excellence
- 2012:** Locomotive manufacturing upgrades complete at the Sacramento plant
- 2014:** Building expansion to increase capacity for welding and carshell manufacturing

Locomotives



New electric and diesel-electric locomotives for the U.S. will power efficient, reliable and sustainable passenger rail service across the country.

High Speed Trainsets



The successful Velaro is currently operating in nine countries worldwide and Siemens has already invested in 22 acres for a High-Speed Center of Excellence in California.



Manufacturing In North America

All steps of the manufacturing process take place at a single plant in Sacramento, Calif. ensuring exceptional quality from start to finish.



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