



Siemens Rolling Stock in the U.S. Fact Sheet

Siemens Rail Manufacturing in Sacramento

With 1,000 employees, the Sacramento plant serves as the North American Manufacturing Headquarters for Siemens Rolling Stock, an international leader in providing advanced rail transportation for systems around the world. Siemens designs and manufactures across the entire spectrum of rolling stock including commuter and regional passenger trains, light rail and streetcars, metros, locomotives, passenger coaches and high-speed trainsets.

The Siemens' Sacramento rail plant boasts full manufacturing capabilities including: design, engineering, testing, carshell, bogies, subassembly and final assembly. With all aspects of the manufacturing process taking place at one facility, Siemens offers customers unparalleled access, optimum project management and quality, from start to finish right here in California.

- Siemens has been manufacturing in Sacramento for more than 30 years. The rail plant in Sacramento is an example of environmentally friendly manufacturing, using solar energy help power our facility.
- As Siemens' manufacturing footprint has grown in northern California, so has its contribution to the region's economy. In the last 10 years alone, Siemens has invested close to \$100 million in the Sacramento plant, and added hundreds of jobs.
- Since opening its doors for business in the Sacramento community, the manufacturing portfolio has expanded from building 1,300 light rail vehicles for 17 cities in the U.S. and Canada, to manufacturing advanced technology passenger rail locomotives and trainsets, as well as streetcars for customers across North America.
- Current projects include engineering and building:
 - New electric locomotives for SEPTA
 - High-speed trainsets for Brightline
 - Charger diesel-electric locomotives for multi-state project: Caltrans, IDOT, WSDOT, MARC (additional states served by IDOT acquisition - Oregon, Wisconsin, Missouri, Michigan, and Iowa)
 - Light rail vehicles: Seattle, San Diego, San Francisco, Calgary, Charlotte, Denver, Twin Cities
 - Streetcars: Charlotte
- To meet growing demand for its passenger rail locomotive and coach technology, Siemens has officially opened a new 125,000-sqft expansion of the Sacramento rail manufacturing hub. The expansion includes a new state-of-the-art welding site and is currently accommodating production for Siemens' new Charger locomotives and coaches for Brightline
- Siemens has hired more than 100 employees over the past year to help meet growing demands for its rail technology and to support customer projects. More than 60 of these hires are welders that were brought on through the company's workforce training and development programs with local community colleges and the Sacramento Employment and Training Agency (SETA).
- Siemens has established a significant pipeline of more than 200 manufacturers, distributors and suppliers from more than 90 cities and 30 states providing components and parts to support our various projects. In the Sacramento region alone, Siemens has 130 suppliers within 100 miles of the Sacramento plant.
- The 60-acre Sacramento plant includes plans to support future high-speed rail manufacturing.
- All vehicles built at the Sacramento plant meet Buy America requirements.

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The Sacramento plant has manufactured rail vehicles for projects across California. Siemens is currently partnering with:

- **Caltrans**—Manufacturing “Charger” diesel-electric locomotives for California as part of the \$425 million contract for multi-state passenger locomotives. Will be the first time Siemens proven diesel-electric locomotive technology is installed in the U.S.
- **San Francisco**—Currently building 215 light rail cars for SFMTA, the largest Siemens order ever for light rail cars in the U.S.
- **Sacramento**—Refurbishing 21 light rail vehicles for the Sacramento Regional Transit District, adding an additional 15 years of useful life to the vehicles.
- **San Diego**—Recently chosen to build 45 new S70 light rail vehicles for the San Diego Metropolitan Transit System, expanding a decades-long partnership.

And have manufactured rail vehicles for cities across California:

- **San Diego**—Manufactured 197 light rail vehicles for San Diego. Siemens also set a Guinness World Record with its S70 LRV in San Diego for the longest distance traveled by a battery-powered tram from one charge in 24 hours.
- **Los Angeles**—Manufactured 52 light rail vehicles between 1998 and 2002.

Siemens also works on additional innovative transportation projects across the country.

- Siemens is building **clean, advanced technology diesel-electric Charger locomotives** for states like California, Washington, Maryland, and Illinois. The Tier-4 certified locomotives will be among the cleanest in the nation, reducing emissions by approximately 90 percent compared to currently operation Tier 0 locomotives.
- The Chargers will also power new **Siemens-built trainsets for Brightline**, a privately-funded inter-city service between Miami, Fort Lauderdale and West Palm Beach in 2017. This will mark the first time Siemens is building full passenger trainsets in the U.S.
- **Seattle** has chosen Siemens to build 122 of its newest light rail vehicles for Sound Transit, the largest order in the agency’s history.
- In **Charlotte**, Siemens will expand its fleet of vehicles moving people in and around the city with six new streetcars designed with industry-leading battery storage technology for hybrid operation on or off-wire.

Siemens Mobility in the U.S. and beyond

Siemens has been in the transportation business for over 160 years, introducing the first electric railway in 1879 and has since worked on rail projects across the globe. Siemens is able to leverage global rail and transportation experience and engineer it specifically for the U.S. to move people in and around cities and communities.

- In the U.S., Siemens is providing rail vehicles, locomotives, automation, components and systems to more than 25 agencies in cities such as Washington D.C., New York, Boston, Philadelphia, Denver, Salt Lake City, Chicago, New Orleans, Seattle, Minneapolis, Houston, Portland, Sacramento, San Diego, St. Louis, Atlanta and Charlotte
- Cities like Portland, Washington D.C., Philadelphia, New Orleans, New York and Chicago also rely on Siemens to provide traction-power substations and electricity transmission, as well as signaling and control technology for freight and passenger rail and transit systems.
- Siemens has built high-speed trains for six countries. These trains have traveled the equivalent of more than 20,000 times around the world.

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- Siemens supplied motors and drives for all of its light rail vehicles and locomotives, including the Amtrak ACS-64 locomotives, out of our Norwood, Ohio plant, Siemens' oldest plant in the U.S. operating for over 100 years, and its Alpharetta, Georgia facility just north of Atlanta.

Key Data*

- Nearly 3,000 Siemens employees in the state of California
- More than 800 Siemens employees in the Sacramento area/region
- More than 200 veterans work at Siemens throughout the state of California in a variety of roles across Siemens' businesses.
 - More than 70 veterans that support Siemens mobility and rail businesses
 - More than 25 veterans have been added to Siemens workforce in 2015

**Please note that employment figures are based on where employees work, not where they live.*

Siemens' Rail, Transit & Mobility Portfolio: Siemens Rolling Stock business unit is part of the Siemens Mobility Division which provides efficient and integrated transportation of people and goods by rail and road – including all products, solutions and services regarding mobility. Siemens designs and manufactures across the entire spectrum of rolling stock including commuter and regional passenger trains, light rail and streetcars, metros, locomotives, passenger coaches and high-speed trainsets. In the U.S., Siemens is providing rail vehicles, locomotives, components and systems to more than 25 agencies in cities such as Washington D.C., New York, Boston, Philadelphia, Denver, Salt Lake City, Minneapolis, Houston, Portland, Sacramento, San Diego, St. Louis, Atlanta and Charlotte. Cities also rely on Siemens to provide traction-power substations and electricity transmission, as well as signaling and control technology for freight and passenger rail and transit systems. Siemens has transportation manufacturing hubs in: Sacramento, CA; Louisville, KY; Marion, KY; Pittsburgh, PA.

For more information, please visit <http://siemensusa.synapticdigital.com/US/Mobility>.

Siemens Corporation is a U.S. subsidiary of Siemens AG, a global powerhouse focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of systems for power generation and transmission as well as medical diagnosis. With approximately 348,000 employees in more than 190 countries, Siemens reported worldwide revenue of \$86.2 billion in fiscal 2015. Siemens in the USA reported revenue of \$22.4 billion, including \$5.5 billion in exports, and employs approximately 50,000 people throughout all 50 states and Puerto Rico.

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