GE Schenectady: The Birthplace of Innovation

1900	The General Electric Research Laboratory is established in a backyard barn of scientist Charles Steinmetz.
1903	Charles Curtis develops the largest steam turbine to date.
1910	Modern light bulb filaments using ductile tungsten are developed.
1913	First practical X-ray tube engineered, laying the foundation for GE's future medical systems business.
1920's	First radio station and home TV reception facilities are established.
1929	Largest single-shaft steam turbine generator to date ships.
1949	Schenectady becomes the first commercial gas turbine manufacturing site.
Today	GE's Schenectady campus is home to GE Energy's Power & Water Global Headquarters.

GE ... Helping to build America's Clean Energy Future

imagination at work

Investment in New York's Capital Region

Power & Water Global Headquarters:

Headquartered in Schenectady's Building 37, GE Power & Water offers a diverse portfolio dedicated to solving the world's two biggest problems: reliable, cleaner energy and water availability.

- 4,000 employees in Schenectady
- Latest investments:
  - Renewable Energy Global Headquarters
  - Battery Plant

Steam Turbine & Generator Plant:

Located in Building 273, Schenectady's steam and generator plant is one of the largest steam turbine manufacturing facilities in the world. The facility has been supplying steam turbines and generators for over 100 years.

- First steam turbine shipped in 1901
- 1,200 manufacturing jobs in the plant

Renewable Energy Global Headquarters:

The 100 year old Building 53 on Schenectady's campus was recently remodeled to support the growth of GE's renewable energy business. The state-of-the-art global headquarters represents GE's ongoing mission to provide renewable energy solutions to meet the world's energy and environmental needs.

- $45 million investment
- Created 650 new jobs
- LEED certified
- Partially powered by a 48 kW solar system

Battery Manufacturing facility:

Building 66 on the Schenectady campus will manufacture "green" batteries developed at GE's research labs in Niskayuna. The batteries are used for communications, utilities, and emergency back-up power.

- Scheduled to be completed fall of 2011
- $100 million investment
- 350 new jobs at full capacity

Global Research Headquarters:

One of the world's largest and most diversified industrial research labs and the central technology development arm for GE, the Global Research Center brings together scientists and engineers working across disciplines to commercialize technologies.

- 1,200 technologists
- Heritage of innovation spanning 110+ years
- Recent $150 million renovation, 200 jobs

Digital Mammography Production Facility:

Located at RPI Tech Park in Rensselaer, this new facility is manufacturing GE's revolutionary digital X-ray detector technology, which was developed by GE's researchers in Niskayuna. GE was the first to bring digital X-rays to market.

- Opened in June 2009
- $165 million investment
- 150 new jobs in 2 years