Annotated Bibliography

Primary:

Kraakman, Nick. “History of the Tesla Coil and Its Geometries.” *Waveguide*, 6 June 2018 , https://waveguide.blog/history-tesla-coil-geometries/. Accessed 1 Oct. 2025

This primary source uses quotes from Nikola Tesla’s speeches as primary sources. It provides the reader with words that Nikola Tesla used in his speeches to explain his designs, reforms, and flaws in his inventions. This primary source is used in the background webpages.

Tesla, Nikola. “My Inventions.” *Free*, https://www.kevinsworkbench.com/teslasautobiography/. Accessed 6 Oct. 2025.

This primary source is an autobiography written by Nikola Tesla which shows his life story, showing why he made the Tesla Coil, his inspiration, and even some details sprinkled in around chapters about his rival Thomas Edison. This primary source is used in the Thesis, NHD Theme, and Background webpages.

“Nikola Tesla U.S. Patent 593,138 - Electrical Transformer | Tesla Universe.” *Tesla Universe*, 5 Jan. 2026, teslauniverse.com/nikola-tesla/patents/us-patent-593138-electrical-transformer. Accessed 7 Jan. 2026.

This primary source is a magazine written by Nikola Tesla which allowed the rest of the world to see his achievements with the Tesla Coil. This primary source is used in the timeline webpage.

“Earthen Messages: Nikola Tesla in His Laboratory (Ca. 1899).” *The Public Domain Review*, publicdomainreview.org/collection/nikola-tesla-in-his-laboratory/.

This is a primary source that shows Nikola Tesla next to a huge Tesla Coil. This source is used in the title page, thesis, NHD theme, background, impact, influence, and importance webpages.

Secondary:

Wilson, Tacy. “How Wireless Power Works.” *HowStuffWorks*, 12 Jan. 2007, electronics.howstuffworks.com/everyday-tech/wireless-power.htm.

This is a secondary source that allows the researcher to learn more about the influence of the Tesla Coil today. This source shows how the Tesla Coil used radio waves and what household objects also use radio waves in the common era today. This source is used in the influence, importance, and conclusion paragraph.

“Laboratory, National High Magnetic Field. “1890 - 1899 - Magnet Academy.” *Nationalmaglab.org*, nationalmaglab.org/magnet-academy/history-of-electricity-magnetism/timeline/1890-1899

This is a secondary source that helped the researcher learn what inventions the Tesla Coil helped create within a five year period, with the radio, and the first formations of the X-Ray both being made with the help of the Tesla Coil. This source is used in the impact, introduction, and conclusion paragraphs.

US Department of Energy. “DOE Explains...Particle Accelerators.” *Energy.gov*, 2024, www.energy.gov/science/doe-explainsparticle-accelerators.

This is a secondary source that allows the researcher to learn more about the influence of the Tesla Coil today with particle accelerators. This source shows how particle accelerators use wireless energy transfer. This source is used in the timeline webpages.

Lloyd-Jones, Graham. “Basics of X-Ray Physics - X-Ray Production.” *Radiologymasterclass.co.uk*, Feb. 2016, www.radiologymasterclass.co.uk/tutorials/physics/x-ray_physics_production.

This is a secondary source that allows the researcher to learn more about the influence of the Tesla Coil today. This source shows how X-Rays use wireless electromagnetic energy transfer. This source is used in the timeline and impact webpages.

Special, ET Spotlight. “Nikola Tesla’s Birth Anniversary: A Look at Some of His Most Visionary Inventions.” *The Economic Times*, Economic Times, 10 July 2022, economictimes.indiatimes.com/news/new-updates/nikola-teslas-birth-anniversary-a-look-at-some-of-his-most-visionary-inventions/articleshow/92788753.cms?from=mdr.

This is a secondary source that shows an image of Nikola Tesla. This source is used in the