

CHAPTER OVERVIEW

3: Electric Potential

In this chapter, we examine the relationship between voltage and electrical energy, and begin to explore some of the many applications of electricity.

[3.1: Prelude to Electric Potential](#)

[3.2: Electric Potential Energy](#)

[3.3: Electric Potential and Potential Difference](#)

[3.4: Calculations of Electric Potential](#)

[3.5: Determining Field from Potential](#)

[3.5.1: Calculating the Electric Field from the Electric Potential](#)

[3.6: Equipotential Surfaces and Conductors](#)

[3.7: Electric Potential \(Exercises\)](#)

This page titled [3: Electric Potential](#) is shared under a [CC BY 4.0](#) license and was authored, remixed, and/or curated by [OpenStax](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.