

Site Selection: For the site selection, the team first prioritized the location on Hopi territory and proximity to transmission lines. Because the power plant is designed to be 50 megawatts DC, the site was located near a 69kV transmission line. The site selection process also prioritized proximity to roads, flat land, and low geographical diversity to avoid pre-foundation preparation costs.

Environmental Survey: During the site selection process, the team developed an environmental survey of the area. While the site was confirmed to be off critical habitat territory, there were 9 endangered and threatened animal species' territories discovered to share the same land as the selected site. This survey also enlightened the team about 7 migratory birds that also share this territory. These overlapping territories may prove to make land permitting difficult, and the team is looking into solutions for reducing their environmental impact.