The Canopy uses a layered approach with tidal turbines, wind turbines, and photovoltaic cells/parabolic trough superconductors and biomimicry of natural tree processes such as photosynthesis and wind resistance to create a community park that sits empathetically within the landscape while generating 2,205 MWh of carbon neutral power annually (enough to power 315 standard homes per year). We wanted a renewable energy art installation that was not just aesthetic or alternatively utilitarian, but designed to connect the site and draw the inhabitants within the architecture—above the trees and out towards the ocean. The Canopy shapes natural and man-made habitats and forms a design that complements the St. Kilda purple masterplan and the unique whimsicality of a site that’s adjoined to the eccentric Luna Park bounded by roller coasters, the art deco grandeur of the Palais theatre and sits within Carlo Catani’s early 20th Century Mediterranean inspired promenade. The design intent was to create a whimsical almost futuristic universe inspiring visitors and providing the catalyst for a greater conversation on the place of renewable energy infrastructure and its integration within the urban built environment in the 21st Century.