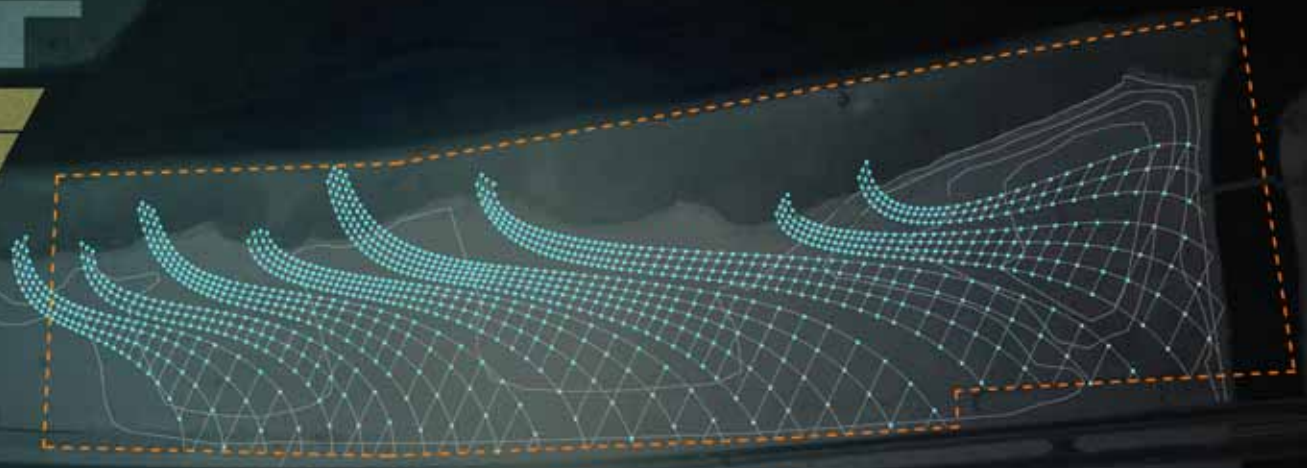
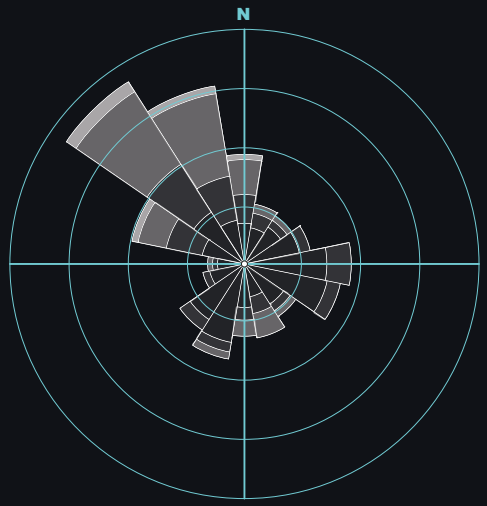
FLEET 1244



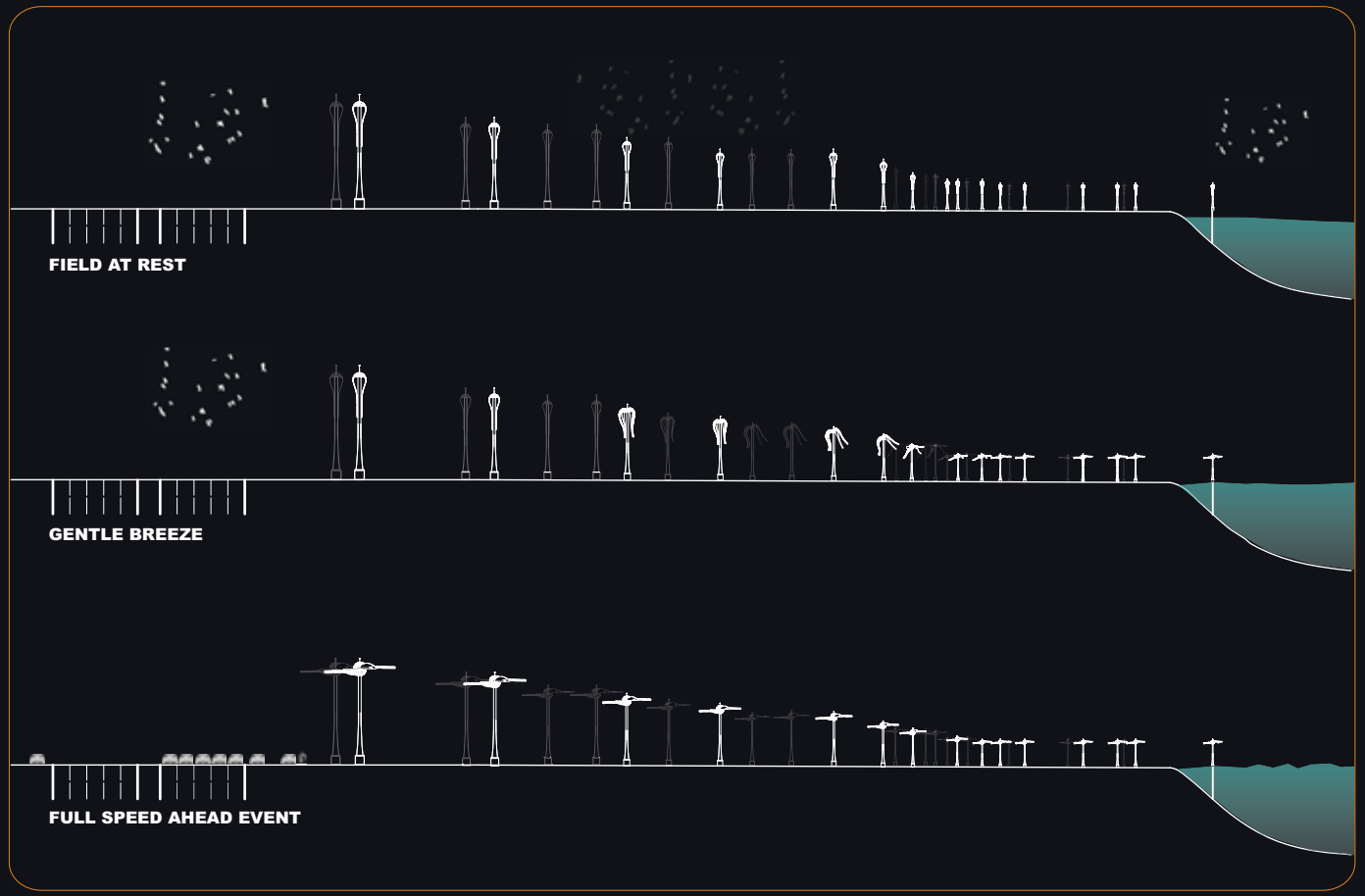
the sculptural components of *FLEET 1244* expose its layers to invoke a sense of wonderment and splendor. Each turbine engages with the wind, inciting a performance centered around the revelation of this natural phenomenon. The force of the wind sets the outside protective shell in motion. With enough speed, the outer propellers open up. The inner propellers beneath float up to take flight— whirling around, engaging the wind while generating electricity through this carefully choreographed spectacle. The field comes to life as the wind agitates the art in the landscape. Passing across the site, the wind becomes visible as the art registers the activity of the air current. The invisible element becomes visible, demonstrating its energy potentials.

WIND ENERGY powers the grid + engages the ART



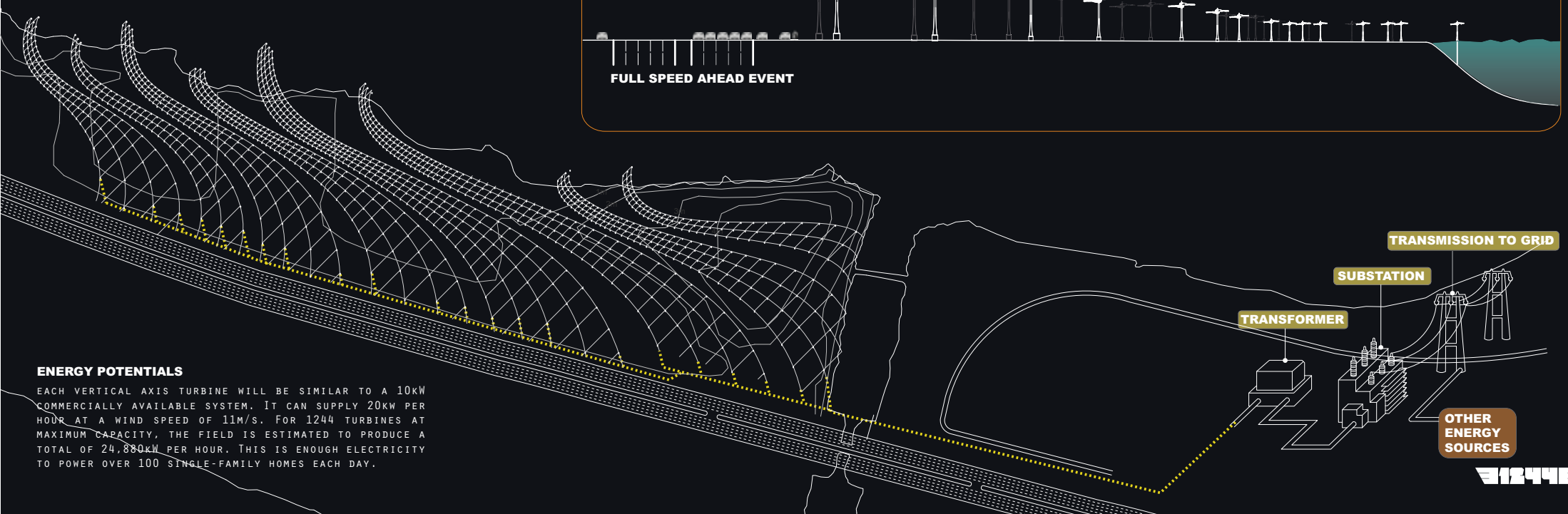
ABU DHABI WIND ROSE

- 8.23 - 10.80 m/s
- 5.14 - 8.23 m/s
- 1.54 - 5.14 m/s
- < 1.54 m/s



ENVIRONMENTAL IMPACT

Of the potential environmental impacts on the site, visual and noise disturbance and electromagnetic interference, the most significant impact is possible wildlife engagement. A surface treatment will be applied to the art to deter birds from flying into the structures. We would consult with a local wildlife expert to assess the current wildlife traffic in this area to determine what measures need to be taken to mitigate this issue.



ENERGY POTENTIALS

Each vertical axis turbine will be similar to a 10kW commercially available system. It can supply 20kW per hour at a wind speed of 11m/s. For 1244 turbines at maximum capacity, the field is estimated to produce a total of 24,880kW per hour. This is enough electricity to power over 100 single-family homes each day.

ANATOMY OF A TURBINE