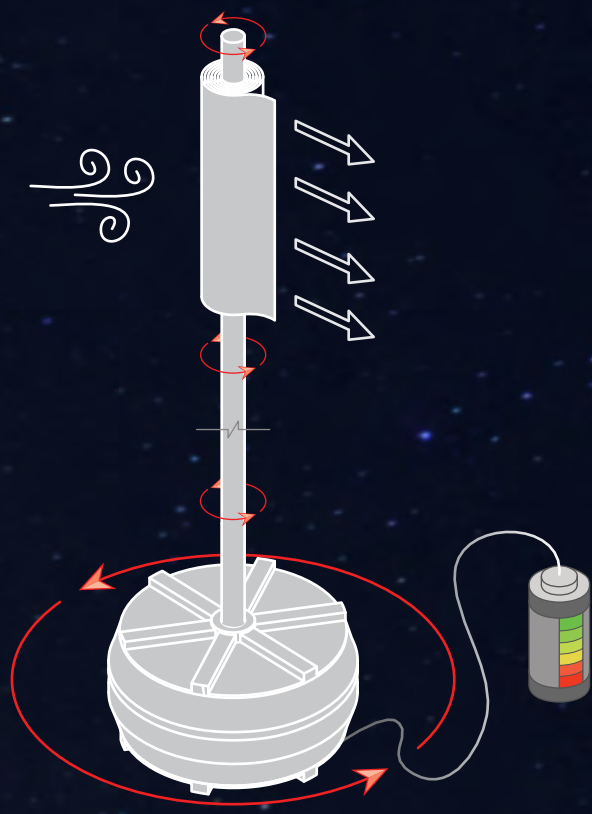
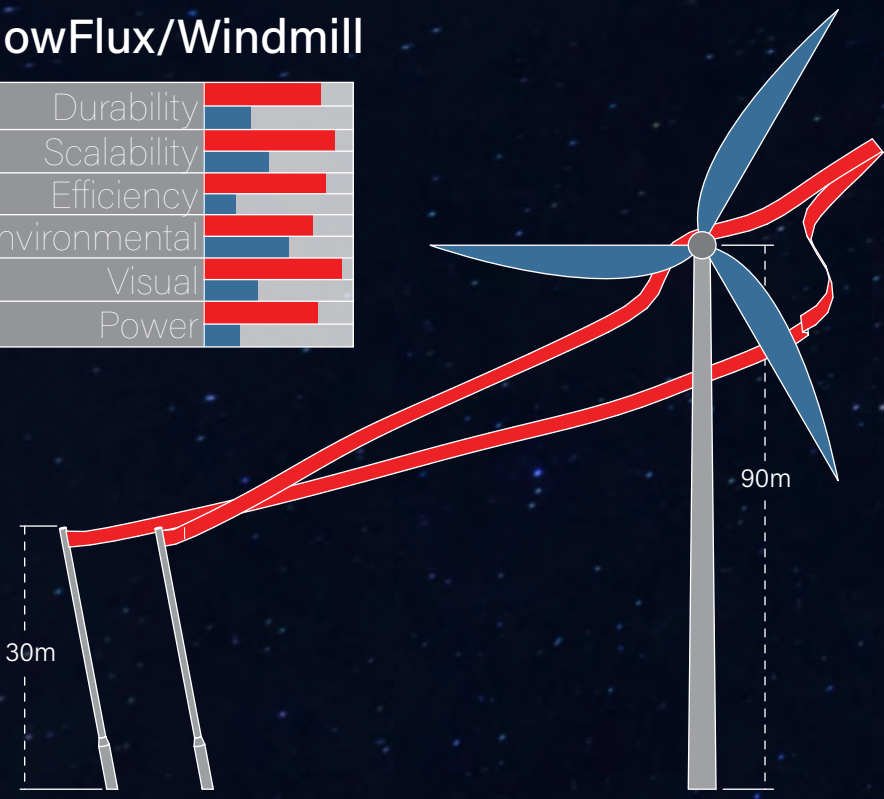
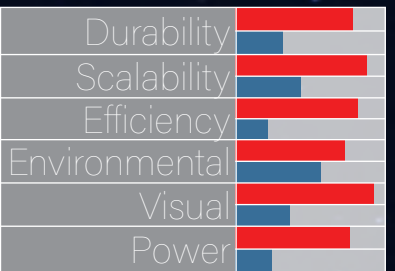


Wind speeds of 3 m/s or faster applies force to the fabric causing it to unspool from the pole. This rotation is transferred by a steel axle to the generator, where power is created using a Dual Axial Flux Motor.

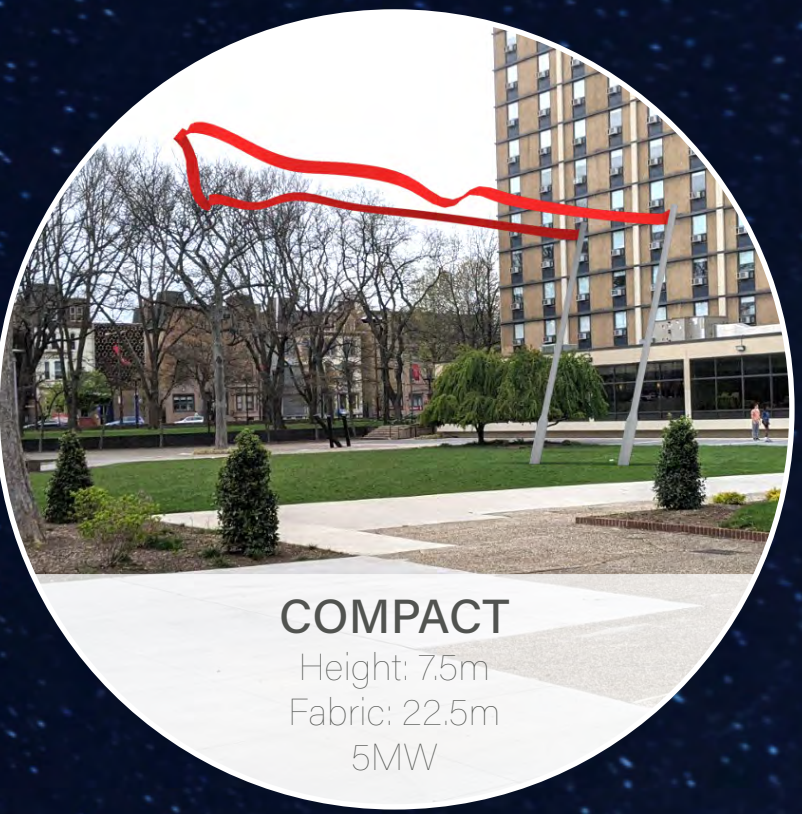
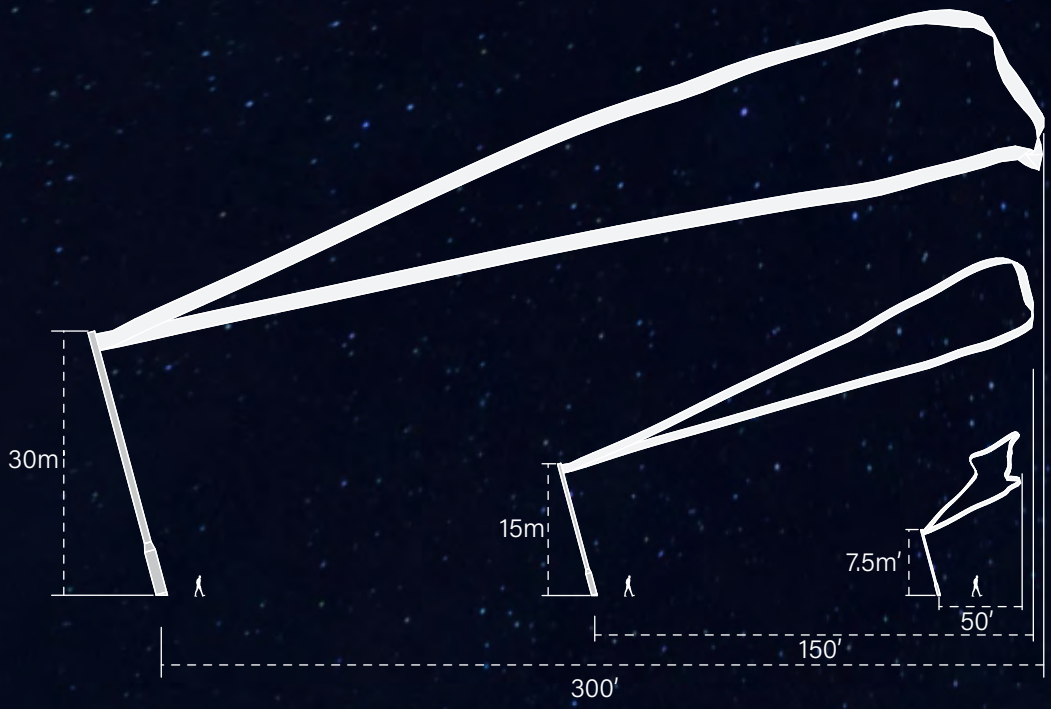
Force of Wind	277 kg · m/s ²
Joules	55,400 J
Moment of Inertia	.071 kg · m/s ²
RPM	12,000 RPM
Torque	27.72 kNm
Power	10 MWatts



FlowFlux/Windmill



Sizing



FLOWFLUX

Power is generated in the **FLOWFLUX** at the base of each pole using a Dual Axial Flux Generator. The generator is driven by an axle that extends from the base of the spool above. Every time the wind interacts with the fabric, it unspools, turning the axle and driving the motor within the generator, creating energy.

