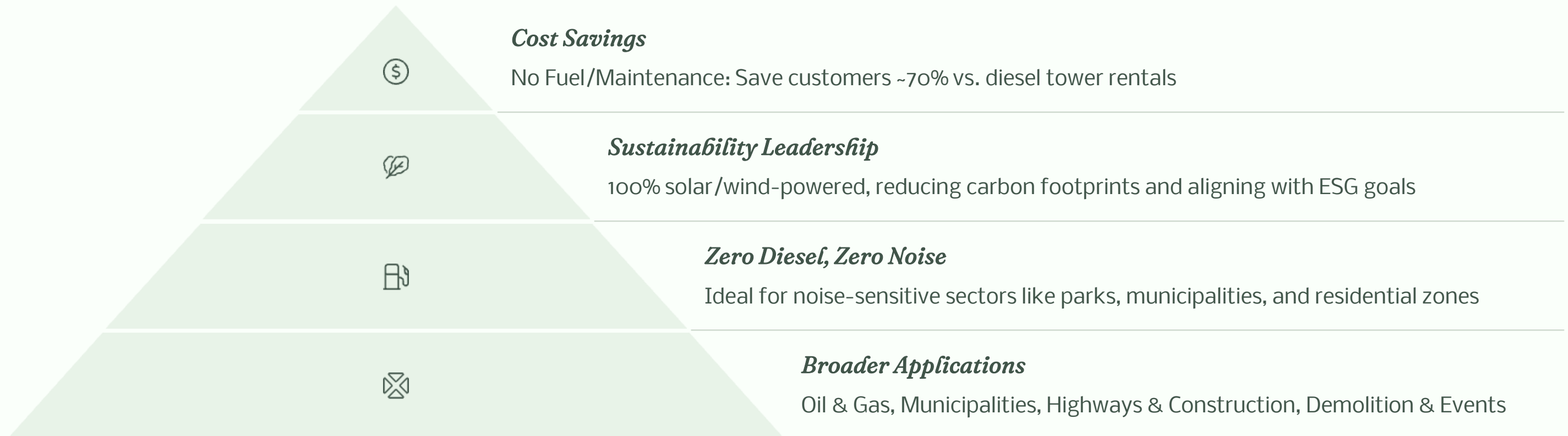




Off-Grid Innovation Portable Power

- Lighting the Way to the Future of Construction Sites
- Dual-Energy, Off-Grid Lighting Built for the Future
- Ultra-Reliable Off-Grid Lighting for Safer, Smarter Worksites

Why Kight is a Game-Changer for Customers



We're eager to reintroduce ourselves and demonstrate how our **next-generation KV6 lighting solutions** can deliver immediate value to your customers, far beyond the current pathway-focused evaluations

What's New with Kight in the U.S.?

- **Enhanced U.S. Specifications:** Upgraded technology, increased versatility across sectors, GPS Asset monitoring, robust connectivity, and compliance with U.S. market specifications
- **Dedicated Local Team:** Ash Hand now leads U.S. operations, ensuring US support
- **Resolved Challenges:** Addressed prior communication and technical gaps (e.g., telemetric integration)

Case Study Example: A U.K. client will save **£44M** over **27 years** with 97 KV6 units (6-month payback)

Completely off-grid site lighting solution



Dual energy input

Unleashing the Power of Nature: Harnessing Wind and Solar Energy



100% off-grid

Uninterrupted Power: Dependable Without Backup



Extreme weather performance

Sustainably Powered: Illuminate for 16 Hours and Beyond, Even in Extreme Weather



Temperature resilient

Efficiency Endures: Thrives in temperatures spanning from 13°F to 140°F



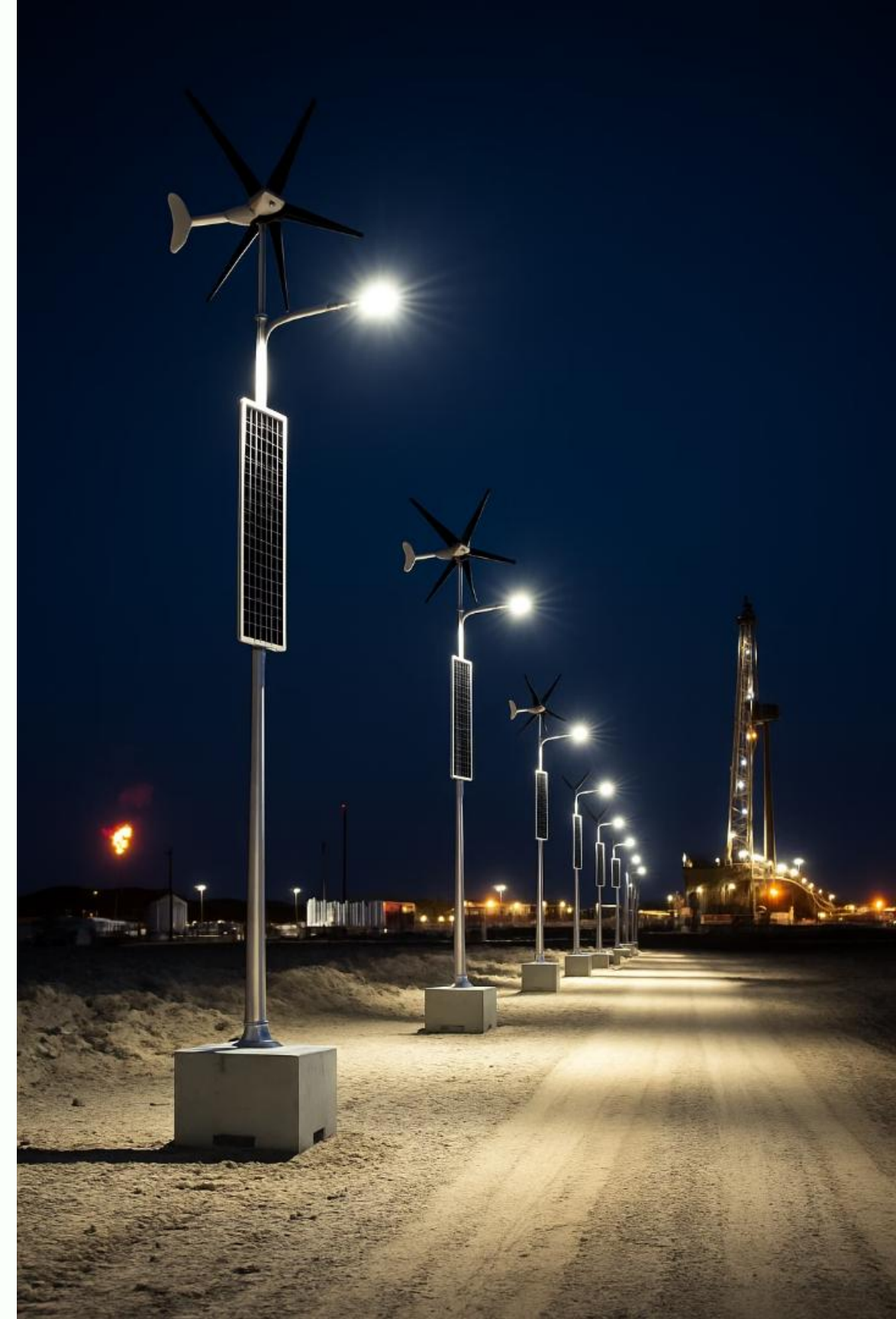
GPS Remote monitoring

Seamlessly Manage Lighting: Control brightness levels and schedules with centralized GPS monitoring



Sustainable solution

27+ Years of Sustainable Power: Energized by 100% green, clean energy with zero running costs or emissions



Key Features



UK made durable wind turbine

Premium marine-grade turbine producing 300W peak power, operating efficiently even in low wind conditions of 5mph



GPS Asset Monitoring system

Real-time location tracking and performance analytics accessible through our intuitive Client Dashboard



Industrial-grade die cast lantern

IK10 impact-resistant specification with 12W LED producing exceptional 189 lumen per watt brightness for optimal site visibility



Galvanised, powder coated steel column

Corrosion-resistant, detachable design for ease of transportation with quick-connect fittings for rapid deployment



Vertical, self-cleaning solar panels

Patented vertical orientation designed to capture maximum solar radiation year-round with 6 x 50W solar panels producing 300W peak power, functioning effectively even in low-light conditions



Next generation fast-charging battery

Proprietary lithium-titanate technology with exceptional 27+ year lifespan and consistent performance in extreme temperatures from 13°F to 140°F without efficiency loss



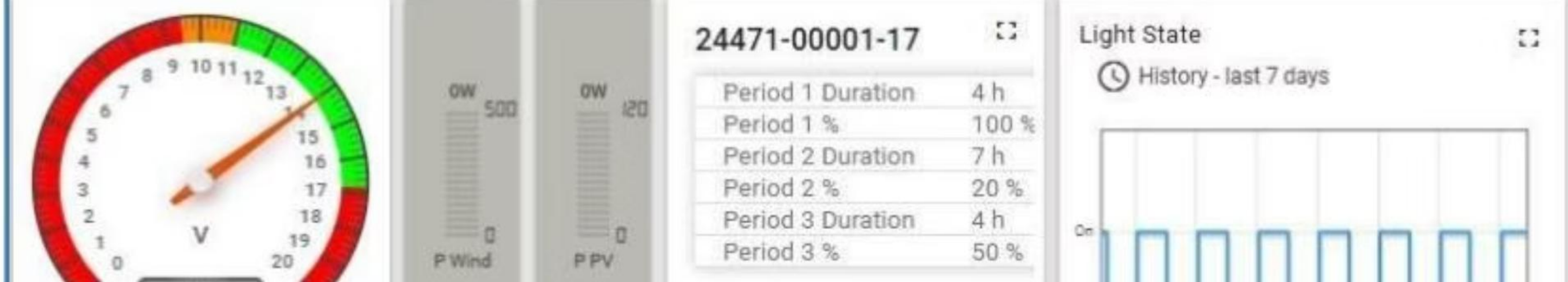
Enhanced portability

Utilizing a concrete base block with fork slots a for secure and effortless relocation



Why Our Dual Solar + Wind System Changes Everything

- **Efficient Dual Integration:** Sync wind and solar inputs for optimal product output.
- **Power All Day, Every Day:** Solar and wind work together, generating energy even when sun sets or wind drops
- **Smart Energy Switching:** System automatically balances both sources for optimal power delivery with zero downtime
- **Double Power Opportunities:** KLE-300 turbine delivers 300W peak, combined with 300W solar for maximum energy capture
- **Always On, Always Charging:** Each power source compensates when the other is limited by weather conditions
- **Real-World Engineering:** Optimized for standard air density (1.23kg/m^3) with flexible performance across diverse environments



GPS Asset Monitoring & Client Dashboard

GPS Asset Monitoring

Kight's GPS connectivity allows real time monitoring of lighting assets anywhere in the country.

Controllability and lighting level adjustment.

Client Dashboard

Our client interface dashboard gives real time data of battery charge state, solar and wind inputs.

Connectivity Features

- Remote monitoring
- Full asset management
- Custom client access to dashboard for monitoring assets
- Stepped programmable lighting levels remotely adjustable

Product Information & Data



Column

- Recommended lantern height 15' or 18' depending on application
- Recommended total height with turbine 16.4' - 23'
- Column upper dimension 3" shaft
- Galvanised, gloss black powercoated



Lantern

- Die cast aluminium LED lantern, IK10 specification
- High performance LEDs, generating 186 - 200 lumen per watt
- Total lantern output 4400 5000 lumen output
- Colour rendering 4000 6000 kelvin



Solar

- 4.8W relative efficiency at low light 97.3%
- 6 x 50W solar panels with 300W peak solar
- Vertical self-cleaning solar panels
- Secure solar holder designed to capture maximum solar radiation all year round





Battery Innovation



Peak Solar

6 x 50W solar panels



Peak Wind

Wind turbine KLE-300



Battery Storage

12V/1104w/h capacity



Years Lifespan

Extended product durability

Battery features next generation technology with Kight non-graphite anode technology. Chemistry designed specifically for Kight off-grid products. The turbine has a peak power coefficient of 0.34c and valid power curve air density of 1.23kg/m³. It's optional and not always required in sunnier climates.



Lighting the Way to a Brighter Future

70% Cost Reduction

Eliminate fuel and maintenance costs with our off-grid solution.

ESG Leadership

Help customers meet sustainability goals with zero emissions technology.

Year-Round Reliability

Dual solar-wind technology ensures uninterrupted power in all conditions.

Fast ROI

Volume purchases accelerate payback periods, as proven by our UK client's 6-month recovery.

With dedicated US support, enhanced specifications, and versatile applications across sectors, the KV6-US delivers immediate value. Let's transform your lighting portfolio today.