



Enviro

LIGHT HIRE

CAPABILITY STATEMENT

Providing eco-friendly lighting solutions across various sites and industries whilst removing the requirement for fossil fuels, our aim is sustainability, environmentally friendly and zero emissions across our company.



Capability Statement

About Us

Welcome to Enviro Light Hire Pty Ltd, your sustainable lighting solutions partner in Western Australia.

Enviro Light Hire Pty Ltd is 100% Australian owned and operated and part owned by an Indigenous Australian, we specialise in ecofriendly portable solar lighting solutions for various industries including mining, exploration, roadworks, and earthworks.

At Enviro Light Hire, we offer tailored lighting solutions for both short and long-term requirements. With our expertise and commitment to the environment, we bring you a wide range of environmentally conscious lighting options.

Join us in making a positive impact on the environment without compromising on lighting quality. Discover brilliance with Enviro Light Hire where sustainability meets illumination.





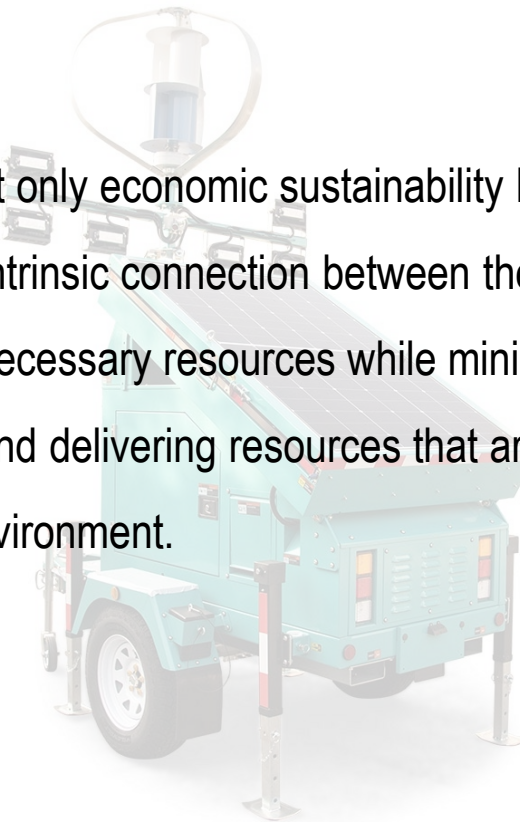
Capability Statement

Our Approach

Enviro Light Hire is dedicated to achieving not only economic sustainability but also environmental sustainability.

At Enviro Light Hire, we firmly believe in the intrinsic connection between these two goals. By offering eco-friendly lighting and power solutions, we ensure the provision of necessary resources while minimising our impact on the environment.

Our pledge at Enviro Light Hire revolves around delivering resources that are independent of fossil fuels, demonstrating our unwavering commitment to preserving the environment.



Capability Statement

Cube ELH600 – Lighting Tower

- ✓ The Cube lighting tower is portable, efficient and simple to use
- ✓ 600 watts of light with 1600 watts of solar panel, and 240-volt charger as a back up
- ✓ Easy to set up and pack up by Trade Assistants and moved by Telehandlers or Forklifts.
- ✓ No additional requirement for JHEA's for moving a trailer with a ute.





Capability Statement

Wind Turbine Trailer - Lighting Trailer

- ✓ This is a first in Australia (wind turbine option).
- ✓ The Wind Turbine Trailer is portable, efficient and chargeable by solar or wind.
- ✓ 600 watts of light with 1305 watts of solar panel, and 240-volt charger as a back up
- ✓ It is a very reliable asset for any site or location.





Capability Statement

Trailer - Lighting Trailer

- ✓ Solar Panels: 4 x 460W, Monocrystalline.
- ✓ GEL Batteries: 8 x 200Ah, DC12V, 19200W-h.
- ✓ Lights: 4 x 200W LED, IP65, 120000Lms, with dimming and timer.
- ✓ Rotation: 350° Electric
- ✓ Tilt: 90° Electric
- ✓ System Voltage: DC48V
- ✓ It is a very reliable asset for any site or location.



Capability Statement

Taper Light - Lighting Tower

- ✓ This is a first in Australia (lighting and video surveillance).
- ✓ The solar and mppt charger only requires 6 hours of sunlight to fully charge.
- ✓ Has the ability to be charge by 240 volt for unexpected inclement weather.
- ✓ 100 watts of light with 435 watts of solar panel, and 240-volt charger as a back up
- ✓ The small box on the top of the telescopic boom holds a 4g router for internet connection, this supports the security camera to connect to any system on site.
- ✓ It is a very reliable asset for any site or location.
- ✓ Easy to set up and pack up by Trade Assistants and moved by Telehandlers or Forklifts.



Capability Statement

Streetlight – Option 1

- ✓ 80 watts / 18 volts of solar panel
- ✓ 320 WH of Lithium battery
- ✓ 50 watts LED lights
- ✓ Running time lighting 12 hours / day, support 3 rainy and cloudy days (with motion sensor)
- ✓ Charging time 4 – 5 hours (bright sunshine)



Capability Statement

Streetlight – Option 2

- ✓ Mast Steel Q235, square telescopic type, 4m manual winch lifting, 50kg load, 117kph windproof.
- ✓ Base: Durable base 4 x forklift tine holes, weight 200kg empty (required to be filled with sand)
- ✓ Solar Star Light II – BLST2-80 – 1300LM, 18V / 110W solar panel, 512WH / 160AH lifePO4 battery.
- ✓ Solar Star Light II – BLST2-120 – 18000LM, 18V / 110W solar panel, 768WH / 240AH lifePO4 battery.

Note: Other sizes available for the Solar Star Light II lights, brackets are also available to be purchase, allowing direct installation to the side of containers or other structures



Capability Statement

Intrepid Pioneer II All-In-One Solar Street Light - Product Information				
Model	LH9300	LH9400	LH9500	LH9600
Power	100W	200W	300W	400W
Solar Panel	Poly 4V10W	Poly 4V12W	Poly 4V15W	Poly 4V20W
Battery	3.2V/10000mAh	3.2V/12000mAh	3.2V/18000mAh	3.2V/24000mAh
LED Chips	300pcs 2835	400pcs 2835	500pcs 2835	600pcs 2835
IP Rate	IP65	IP65	IP65	IP65
Charing Time	5 to 6 hours	5 to 6 hours	5 to 6 hours	5 to 6 hours
Discharging Time	12 hours	12 hours	12 hours	12 hours
Backup in rainy days	4-5 days	4-5 days	4-5 days	4-5 days
Colour Temperature	6500k-7000K	6500k-7000K	6500k-7000K	6500k-7000K
Lamp Size	510*260*65mm	580*270*65mm	680*290*65mm	780*290*65mm
Irradiation area (M^2)	50	60	100	150
Luminous Flux (lm)	994	1230	1642	2054

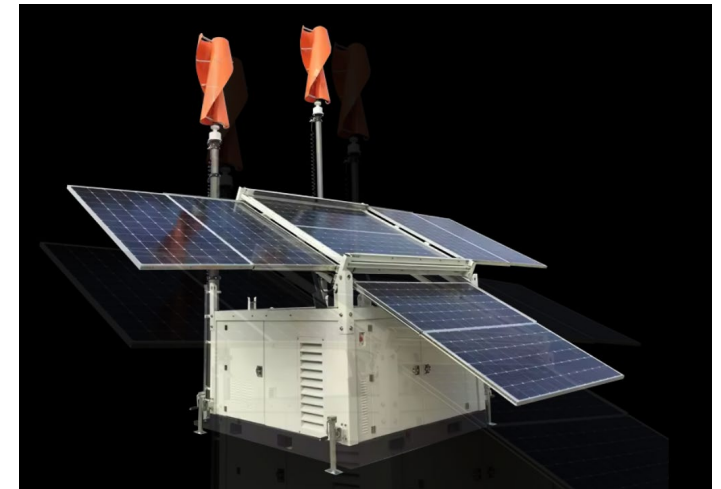


Capability Statement

Generators

Enviro Light Hire Pty Ltd is currently looking into Solar Powered Generators, these are not currently available through Enviro Light Hire, however with trials and further investigations it is expected that these will be available soon.

- ✓ 35KVA
- ✓ 48-volt lithium powered
- ✓ 10 Solar Panels
- ✓ 2 x 400-watt wind turbines





Capability Statement

Generators

- ✓ 10KW/10KVA
- ✓ Output Socket 4 x AC240V / AC120V
- ✓ Input Plug 1 x AC240V / AC120V
- ✓ 10 Solar Panels

Note: Other sizes are available dependant on the clients' requirements.





Capability Statement

Service

Enviro Light Hire is committed to providing quality products at an affordable price, however there is always a requirement for repairs, replacement of components, and servicing of equipment.

Enviro Light Hire utilises qualified technicians (electricians) to maintain our equipment:

- ✓ Coastal Electrics – Pilbara Region
- ✓ Steve Vosper, Vosper's Electrical Marine Services – Rockingham Western Australia.



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