

Sustainability Statement

Diesel has long been the default fuel for cranes, hoists, pumps and remote camps, but its true cost is measured in more than dollars.



Every 300 kVA generator burns around 840 L of diesel a week, releasing close to two tonnes of CO₂, noisy exhaust, NOx and soot.

Add regular fuel deliveries, oily filter changes and unplanned breakdowns and the environmental footprint balloons further, especially on sites where ventilation energy, spill risk and neighbour complaints stack up fast.

Atlas Power exists to break that cycle.

Our AP Series battery packs – AP 500 and AP 100 Turbo – deliver up to 900 AMPS of peak power with a fraction of the environmental impact.






In typical construction or mining duty cycles, a single AP 500 removes 200 tonnes of CO₂ per year, the same benefit as taking more than 40 passenger cars off the road. Because the packs are sealed and silent, they also eliminate diesel smells, particulate matter and noise-curfew headaches.

Measurable gains you can report

Atlas batteries integrate with our cloud-based Atlas Management System, streaming real-time data – kW draw, kWh used, CO₂ avoided – straight to any browser. ESG teams and investors get verified Scope 1 & 2 reductions; site managers get concrete numbers for Green Star v6, IS Rating and TCFD reports.

Because the packs smooth peak loads, many projects downsize or retire generators altogether, further shrinking embodied carbon and capital outlay.

Why the footprint is smaller

-  **Zero combustion on-site** – no tail-pipe CO₂, NOx or particulates.
-  **No fuel logistics** – fewer truck movements, spills and supply-chain emissions.
-  **Regenerative capture** – cranes and hoists feed braking energy back into the battery.
-  **20-year design life** – embedded emissions “pay back” in under four months, then keep saving.
-  **Renewable-ready charging** – plug into grid green-power, onsite solar or a rightsized generator.



Safer, cleaner worksites

Removing diesel does more than cut emissions. Underground, it slashes ventilation costs and eliminates a major fire hazard.

On urban builds it silences evening shifts, avoids odorous exhaust and keeps neighbours on-side. With no bulk fuel or oily waste to manage, environmental-spill risk and WHS paperwork drop dramatically.



Partnering for progress

Since 2023 we've helped tier-one contractors, miners and utilities ditch diesel on multi-crane high-rises, underground conveyors, dewatering sets and outback micro-grids. Clients including Hickory and Sydney Water use Atlas data to trim contingency budgets and prove carbon savings to stakeholders.

Every deployment feeds lessons back into R&D, so the next release delivers even higher power density and recyclability.

hickory Sydney WATER

Clean power, proven savings, tangible impact.

Atlas Power isn't waiting for the energy transition - we're building it, pack by pack, site by site, today. If you're still burning diesel, let's talk about the cleaner, quieter and more sustainable alternative.

