



CleanPeak

ENERGY

CleanPeak Energy Organisational Capability Statement

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1 About CleanPeak Energy

CleanPeak Energy is a specialist distributed energy business that focuses on providing renewable energy and battery solutions for our customers normally via embedded network infrastructure. CleanPeak was formed in 2017 by Philip Graham and Jon Hare who together have more than 50 years of experience in the electricity sector. CleanPeak strives to deliver the lowest cost and highest efficiency solar and storage solutions for our customers seeking to implement sustainable energy outcomes.

CleanPeak's unique energy market experience, coupled with its financing capability allows it to deliver individualised solutions that provide cost-competitive energy, as well as managing the risks inherent in energy pricing, including tariff structures, government regulations and exported energy volumes. As an authorised electricity retailer, CleanPeak manages embedded electricity networks for its customers and integrates solar and storage into electricity sales to these customers.

As the long-term owner and operator of the assets that it develops, CleanPeak ensures that every installation is safe and of high-quality construction. CleanPeak does this by having strong internal commercial and technical capability, supplemented by market leading and experienced delivery partners. Our model is to install energy infrastructure on the premises of our customers, and as such, CleanPeak always ensures that the customer's site is protected, and carefully managed over the term of our arrangements.

With over 30+ operating sites and \$150m of assets, CleanPeak's current project portfolio demonstrates its market leading position in delivery of energy across embedded networks and urban precincts. Projects have been delivered across the country and to CleanPeak's high safety, technical and quality standards.

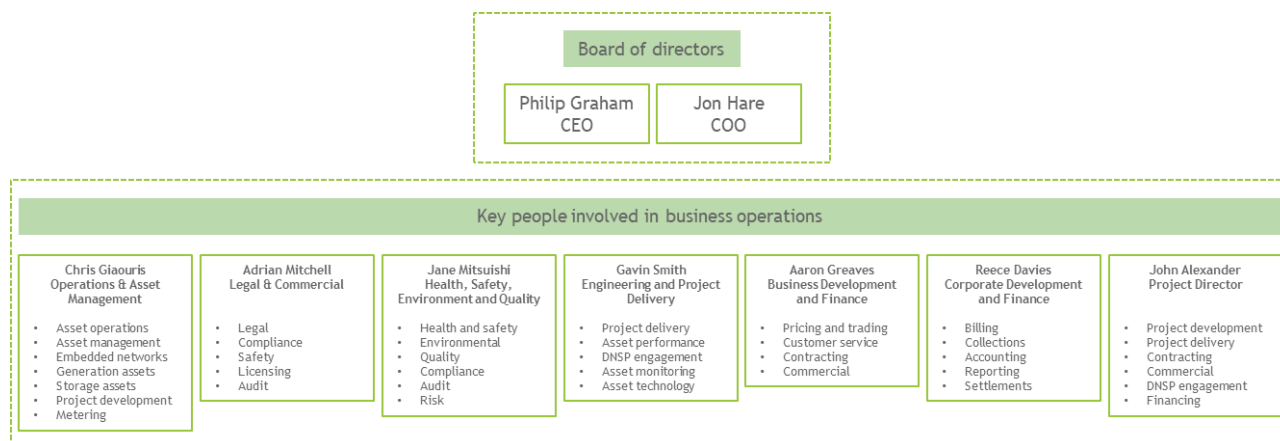
CleanPeak's current portfolio consists of the following:

- 25+ MW of solar generation capacity
- 30 MWh of battery storage assets under development
- 14 MW of gas generation
- 40 MWt of thermal plant
- Electricity retail and embedded network capability across over 40 buildings

2 Experience & Capability

CleanPeak Energy is led by its founders, who are deeply involved in the operations of the business, supported by a growing team of passionate and high performing people. CleanPeak’s success is driven by its people, who bring deep market experience and strong track records of success over their careers, with a focus on renewable energy, the changing energy landscape and customer and project delivery focus.

The organisational structure, and a brief description of senior members of the team responsible for key activities, is shown below:



Person	Experience
Philip Graham, Chief Executive Officer & Founder	<p>Philip worked in investment banking for more than 25 years working with Merrill Lynch, ABN Amro and Citi. During his career he completed over \$50 billion of financing and M&A transactions in the Power, Energy & Infrastructure Sector.</p> <p>Philip’s major clients included the NSW Government, AGL, Santos, AusNet Services and CKI, all significant participants in the electricity and gas markets in Australia. Philip advised the Labor Government on their initial attempt to privatise the electricity industry in the 1990s and completed the scoping study for the Liberal Government for the sale of the Generation assets in 2016. Philip went on to advise AGL on the acquisition of the Macquarie Generation assets once the privatisation process was initiated. In addition, he advised on the IPO of Spark and the acquisition of Envestra for CKI and the financing and sale of 40% of the Gladstone LNG Terminal for Santos. These transactions required an in-depth understanding of the Electricity and Gas markets in Australia, including the regulation, trading environment and risk management. Philip was a member of Citi’s Investment Banking Operating Committee for the APAC region before leaving to found CleanPeak Energy.</p>
Jonathan Hare, Chief Operating Officer & Founder	<p>Jon has worked in energy markets for 30 years. He started his career in the UK, overseeing an electricity trading team responsible for purchasing, trading and risk management activities for an electricity supply business. The role covered supply/demand fundamentals, portfolio strategy, short term trading, long term contract negotiations and counter-party relationship management. In Australia, Jon was with Origin Energy for 20 years where he was responsible for building Origin's strategy in the energy markets, renewables and clean technology</p>

Person	Experience
	<p>businesses. He was involved in many of Origin's new business ventures including electricity trading and risk management, energy retailing, unconventional gas, LNG and renewables. Jon held the position of Group General Manager Corporate Transactions and Strategy before leaving to found CleanPeak Energy.</p>
<p>Chris Giaouris, General Manager, Operations</p>	<p>Chris has worked across the energy industry for more than 20 years and has been responsible for building and leading large businesses across energy retailing, smart metering, rooftop solar and batteries, asset management, and embedded networks.</p> <p>At CleanPeak, Chris is responsible for managing the day-to-day operations of the business including the development and operation of embedded electricity networks, the delivery and operation of generation and storage assets and operation of the district energy systems.</p> <p>Prior to joining CleanPeak, Chris was part of the Energy Markets Leadership Team at Origin Energy, where he was responsible for various business units including C&I electricity and gas retailing, embedded electricity networks, Acumen Metering and Australia's largest rooftop solar retailer. Chris held various across Origin Energy including trading and risk management, wholesale settlements, business development, business integration, crisis management, as well as systems and business process development.</p>
<p>Adrian Mitchell, General Manager, Legal & Commercial</p>	<p>Adrian joined CleanPeak Energy with a focus on business development and legal affairs. He is responsible for legal, compliance and safety matters across CleanPeak's business. Previously, he worked for 20 years in professional services as a strategy consultant, lawyer and senior executive in leading national and international firms. He subsequently co-founded and ran a business serving the agricultural sector.</p>
<p>John Alexander, Wangaratta Solar Farm Project Director</p>	<p>John has worked as a corporate financier in the energy resources sector for 18 years, culminating as Head of Energy & Utilities for NM Rothschild. He then crossed over into the resources industry where he was COO of one of Australia's most successful private oil and gas explorers for 8 years. He then moved to Houston where he has spent the last 5 years advising a number of family offices in resources-based investments. John joined CleanPeak as General Manager Projects where he is focused on the commercial management and project delivery of the group's major projects.</p>
<p>Jane Mitsubishi HSEQ Officer</p>	<p>Jane has over 14 years' experience in HSEQ roles across the construction and infrastructure sectors, dedicated to developing and building management systems, designing and implementing company policy, management plans, maintaining compliance to strict regulatory, international standards and client requirements at organisational and operational levels, and positively impacting improvement and performance.</p> <p>At CleanPeak, Jane is responsible for ensuring that all our activities are undertaken in a manner whereby safety and environmental hazards are effectively managed, appropriate systems and processes are implemented and maintained, and quality management is geared towards process improvement.</p>
<p>Gavin Smith, Engineering Manager</p>	<p>Gavin is an experienced electrical engineer and accredited project manager, with 15 years' experience in delivering multi-disciplinary projects across the energy sector.</p>

Person	Experience
	<p>At CleanPeak, Gavin is responsible for development and delivery of the battery energy storage systems integrated with our rooftop solar photovoltaic systems, as well as other projects including utility scale generation.</p> <p>Prior to joining CleanPeak, Gavin was responsible for leading project delivery for an international bulk liquid terminals company with operations across Australia.</p>
<p>Jason Carcatsis, Operations Engineer</p>	<p>Jason is a skilled energy industry professional with over 16 years of experience across the mechanical electrical, industrial construction and maintenance, communications, and contestable metering sectors. Strengths in communication and analytical analysis backed by ongoing training through a Bachelor of Business majoring in Accounting and Finance as well as experience across a diverse range of roles in energy, renewables, and communications.</p> <p>At CleanPeak Jason is responsible for our Tonsley District Energy precinct, which includes providing electricity, water and gas services to our customers, as well as overseeing our broader metering compliance activities.</p>
<p>Aaron Greaves, Finance & Business Development</p>	<p>Aaron is an engineer with a background in gas distribution networks, where he initially worked as a network capacity engineer before moving into the commercial group. He subsequently managed network growth for large industrial and commercial customers, as well as leading innovation projects involving the integration of renewables and gas generation.</p> <p>At CleanPeak, Aaron is responsible for project modelling and business development initiatives. Aaron is also responsible for the retail pricing and customer contracting processes for energy customers within CleanPeak's embedded networks, as well as managing the businesses information technology infrastructure and systems.</p>
<p>Reece Davies, Manager Finance & Corporate Development</p>	<p>Reece is a chartered accountant with over 10 years of finance, advisory and M&A experience. Reece has been responsible for the full suite of finance activities across the business as well as advising a diverse range of businesses on acquisitions, divestments, debt funding and refinancing. At CleanPeak, Reece is responsible for managing the day-to-day finance and treasury processes and all fund raising and corporate development initiatives.</p> <p>Prior to CleanPeak, Reece worked within boutique M&A practices and top banks and gained valuable experience within the South African, UK, European and Australian markets. Reece holds a Bachelor of Accounting Science and is a member of the South African Institute of Chartered Accountants.</p>

3 Assets & Operations

CleanPeak has delivered distributed solar PV and battery energy storage systems throughout Australia. The collective experience of the team and our delivery partners ensures our ability to manage projects safely and to a high quality. CleanPeak's current project portfolio demonstrates its market leading position:

Assets	Size	Overview
District Energy Systems <ul style="list-style-type: none"> Mascot, NSW Central Park, NSW Tonsley, SA 	More than 20MW across the precincts	CleanPeak owns and operates district energy systems that encompass onsite trigeneration assets providing energy and thermal services and embedded energy networks.
Distributed Rooftop Solar PV Generation Systems <ul style="list-style-type: none"> More than 25 sites operating across Australia 	More than 25MW	<p>CleanPeak operates rooftop solar PV systems across more than 25 sites across Australia. Most of these systems are designed, built, owned and operated by CleanPeak Energy to provide onsite renewable energy services.</p> <p>The current project portfolio includes:</p> <ul style="list-style-type: none"> Primo, Wacol QLD – 3.3MW Bateau Bay, NSW – 1.7MW Campbelltown, NSW – 1.5MW Rosebud, VIC – 1.2MW Southgate, SA – 0.8MW
Battery Energy Storage Systems	30MWh	<p>CleanPeak is currently developing a portfolio of battery energy storage systems at around 20 sites across Australia. These systems are being built, owned and operated by CleanPeak.</p> <p>The current project portfolio includes:</p> <ul style="list-style-type: none"> Lansell, VIC – 1.5MWh Campbelltown, NSW – 2MWh Salamander Bay, NSW – 2MWh Southgate, SA – 1MWh Bass Hill, NSW – 1.5MWh
Embedded Electricity Networks		<p>As an authorised electricity retailer, CleanPeak operates embedded networks integrated with rooftop solar PV systems at a number of sites, providing electricity retailing services to the customers at those sites.</p> <p>CleanPeak currently manages embedded networks across 40 buildings with ~2,000 customers across the residential, commercial and industrial sectors.</p>
Wangaratta Solar Farm	30MW	CleanPeak is currently developing this solar farm project in Victoria that is at the advanced planning and approval stage.

Appendix 1: CleanPeak Energy Project Portfolio

CleanPeak's Project Portfolio

With over 30MW of committed solar projects and 30 MWh of batteries contracted, CleanPeak's current project portfolio demonstrates its market leading position in the rooftop solar / battery market.

Retail Solar:

CleanPeak now operates Solar Systems at 30 Sites. These systems have been developed by CleanPeak with a high-quality building standard delivering world class performance. We expect most of our sites to be operating with >50% renewable electricity delivered to the tenants. Once a Battery is introduced, we believe the portfolio will deliver 75% renewable energy to the site.

Below is a sample of CleanPeak built solar PV systems at shopping centres around Australia:



Lansell Square VIC - 1.1MW



Rosebud Plaza VIC - 1.2MW



Salamander Bay NSW - 1.0MW



Bateau Bay NSW - 1.7MW

Industrial Solar:

The industrial market has significant unused roof space. CleanPeak is focused on developing Solar Systems for the sector. We deliver energy to tenants and manage export volumes. We believe solar and battery systems within the industrial sector is competitive with utility scale projects and delivers significant value to asset owners. Our system at the Primo Wacol site in QLD – 3.3MW when complete, was the largest single rooftop solar system in Australia.

**Utility Scale Solar:**

CleanPeak owns the Wangaratta Solar Farm and plans to begin construction of the 30 MW solar array in Q3, 2022. Once completed, the solar array will connect into the 66KV Ausnet Distribution Network and provide energy for several of our embedded network sites and will be the backbone of our commitment to ensure CleanPeak's energy portfolio is powered by 100% renewable electricity by 2025.

Precinct Embedded Networks:

CleanPeak operates 3 world class embedded network facilities with behind the meter generation. The precincts utilize state of the art Solar, Battery, Metering and HV/LV infrastructure which provide us with the expertise to assist our customers delivering renewable precincts with centralised energy plant – our precincts are the future of the urban built environment.

Mascot Precinct

Located adjacent to Sydney Airport, CleanPeak own and operate the Mascot Embedded Network and trigeneration assets delivering electricity and thermal energy to Qantas and Sydney Airport Corporation. At this site generators feed into an embedded network and serve several buildings in the precinct. The system is designed to deliver circa 65,000 MWh of electricity to the precinct each year.

Assets owned by CleanPeak onsite include:

- 11.6 MW of Gas Generators
- 20 MW of Chillers
- 10 MWt of hot water

Central Park Precinct

CleanPeak owns and operates the district energy and embedded network scheme at the central park precinct developed by Frasers Property Group.

- The highly efficient central energy plant delivers thermal energy, electricity, and chilled water to over commercial, retail and residential tenants in the precinct
- The plant also supplies chilled water to the nearby University of Technology Sydney (UTS)
- The facility services 800 customers across 11 buildings
- Currently the CleanPeak's infrastructure at the site includes:
 - 2.2 MW of Gas Generators
 - 22.8 MW of Chillers
 - 12 MWt of hot water
 - The electrical embedded network across the precinct



Tonsley Precinct

The world class Tonsley Innovation Centre is the South Australian Government's major renewal precinct. The site covers over 40 Ha of land and was Mitsubishi's car making hub in Australia. When Mitsubishi left, the Government partnered with CleanPeak to take on the Embedded Network at the site and deliver a renewable electricity option for tenants into the future. At the site we own and operate the district energy scheme:

- The precinct is a mixed-use development with a variety of tenancies including residential, academia, and commercial lots
- We provide renewable electricity, gas, and non-drinking water to over 100 customers
- The precinct is being developed by Renewal SA under a 20-year masterplan and CleanPeak is responsible for delivering renewable energy to the precinct

Current assets at the Tonsley Site include:

- 2.4 MW rooftop solar
- High and Low Voltage Electricity Network
- Gas Network
- Non-Drinking Water Network
- CleanPeak has committed to deliver a further 2MW of Solar and a 5 MW battery in Q4 2021.

The layout of the Tonsley site has many similarities to our industrial customer precinct which are under development. We routinely deal with challenges related to selling and subdivision of sites across the precinct. The map of the Tonsley Precinct is provided below.



CleanPeak's current National Footprint of assets.

