

RENEWABLE PROJECTS

Interest in renewable generation has grown in recent years. With the National Electricity Market (NEM) wholesale markets, large-scale generation certificates (LGCs), and domestic gas markets all experiencing unprecedented elevated prices, it's no surprise energy users are looking for ways to diversify their energy portfolio. Concerning periods of supply instability have also contributed to this resurgence.

The cost of key renewable generation for energy users has become increasingly competitive. Technological advancements, manufacturing economies of scale, and an influx of renewable generation projects, has driven the cost of renewable generation to an all-time low.

With a number of funding bodies supporting innovative projects that address security and reliability, now is the time to let us help you move forward with your renewable project.

Edge can also help integrate renewable projects as part of a total energy solution for consumers. We have extensive experience with managing all aspects of energy integration.

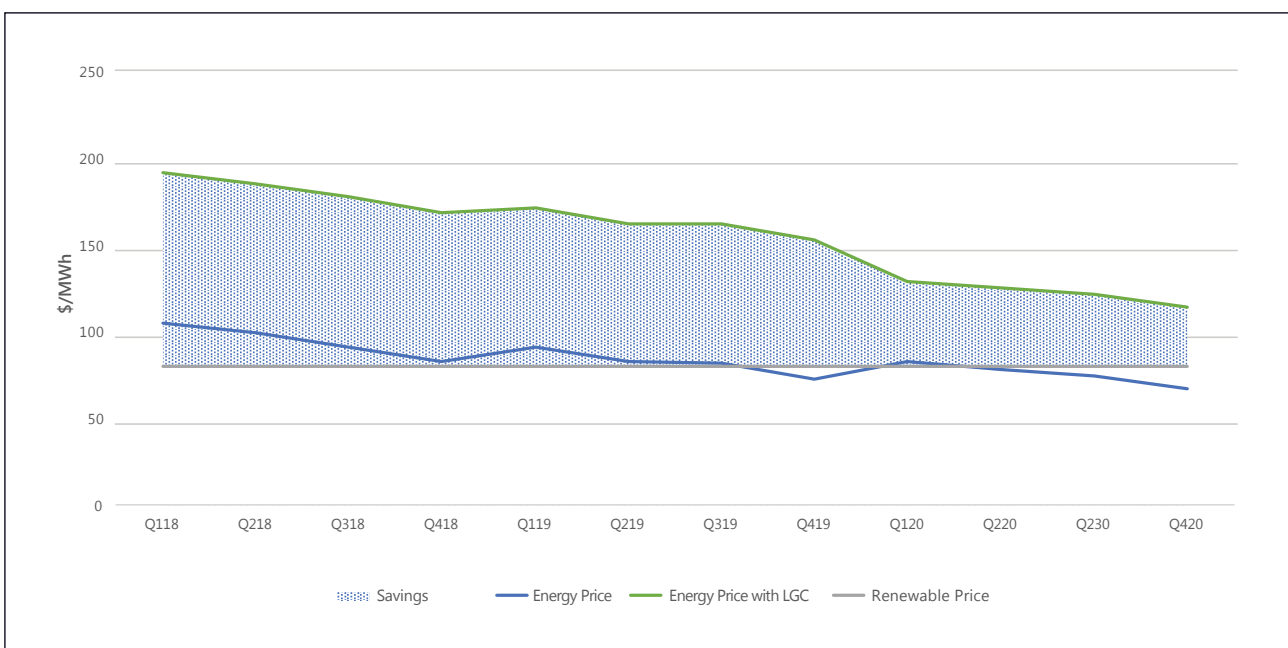


Figure 1: Energy price based on current NSW forward curve as at time of printing.

Renewable Generation Projects

Companies considering renewable generation projects have two main priorities. The cost to bring their project to commercialisation, and the ability to generate a return on their investment.

Edge has worked with several renewable generation projects from initial concept through to finalisation. With our strong networks and long-held relationships in the energy market, we can work with you during all stages of your renewable project. Our in-house specialist brings unrivalled knowledge of the energy and renewable markets to your team.

Wind and solar are the most common forms of renewable technologies being used for current projects. The reduction in price for large-scale solar technology has now made it competitive with wind projects, as well as generation from fossil fuels such as gas. Solar power plants (compared to other technologies) have a relatively short lead time from inception to commercialisation.

Funding Options

Funding from the Australian Government through the Australian Renewable Energy Agency (ARENA) program and attractive financing options from the Clean Energy Finance Corporation have helped to reduce the cost of setting up renewable projects. Several state governments have also unveiled plans to offer funding.

Edge is experienced in helping renewable projects prepare and execute funding applications and has achieved successful outcomes. Several projects have now reached finalisation stage.

Renewable Energy as Part of a Procurement Strategy

In recent years, we've seen the cost of black energy and LGCs reach all-time highs and the cost of renewable generation become increasingly competitive. It makes sense that electricity consumers will now consider longer term propositions, and understand the importance of diversifying to protect against volatility and uncertainty.

A diverse strategy could be the key to reducing costs and mitigating risks in your portfolio. Integrating renewable generation into an overall energy procurement solution is becoming an increasingly viable option for many businesses. We can help by;

1. Negotiating suitable Electricity Sales Agreements with credible retailers which allow integration of renewable generation
2. Negotiating the best price for the residual load
3. Finding suitable renewable projects or project partners who can help build and operate the renewable generation plant typically without upfront costs
4. Providing a detailed analysis of your load and the best renewable energy source, or combination of sources which suits your load

A diverse strategy may include blending spot exposure with shorter term proactive and responsive dynamic hedging strategies, and longer term aggressively priced off-take deals. We can then work with you to firm these arrangements with complementary risk management products, and integrate them with your other energy procurement strategies and agreements.

Edge stays ahead of traditional and renewable generation markets to ensure we can provide you with tailored diversification strategies in line with your business needs.

Connecting Renewable Projects And Energy Consumers

Edge gives careful consideration to the integration of renewable generation projects when developing procurement strategies. The advantages for both seller (generator) and buyer make transactions of this nature mutually sought after and beneficial.

Our experience with both renewable projects and structuring power purchase agreements enables us to match credible projects with suitable consumers.

Connect with Edge

If you're considering moving forward on your renewable project, or you'd like to see how renewable generation can work for your energy portfolio, please contact us on 07 3232 1115.



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