

REC Registration for Renewable Generation (LGCs & I-RECs)

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Registering renewable generation and its certificates requires accurate asset details, production data and registry records. Northmore Gordon supports generator registration, certificate creation, sale and retirement with an audit trail.

Our Experience

Additional revenue providing cheaper electricity

Environmental Claims & Support Renewables

Gain access to green markets & hedging

A Renewable Energy Certificate (REC) is proof that 1MWh of electricity was generated by a renewable energy generator. Unbundled (or Decoupled or) from the electricity, RECs (LGCs, I-RECs) are registered and traded separately on international markets to corporations with renewable energy targets or compliance requirements.

Eligible renewable electrical energy generators include:

Wind, Solar, Hydro, and Geothermal

Biomass, and Biogas assets

RECs are sold on spot or forward OTC global markets

LGCs are trading between AUD \$ 35 - \$ 80 (USD \$25 - \$50)

I-RECs and vary from USD \$2 - \$50 by region.

RECs can be surrendered (aka retired or redeemed) to meet renewable commitments including)

RE100 (Renewable Energy 100% initiative)

Science Based Targets Initiative (SBTi)

Australian GreenPower (decoupled Greenpower LGCs)

Australian Climate Active Carbon Neutral program

Voluntary & Compliance renewable energy targets

REC Registration, trading and retirement requires accreditations, registry accounts, and trading networks.

How can we help?

It can be quite challenging to gather the right data, register your generation asset, and negotiate with the regulatory/registry on any additional requirements. Setting up registry accounts and meeting compliance requirements is a complex and time-consuming process with many steps. NG takes care of this process and handles quarterly REC creation. The services we perform are:

Registering your renewable energy assetPower Station registration In Australian with the Clean Energy Regulation (for LGCs)Device registration through-out Asia with the Evident Registry (I-RECs)

Quarterly data validation, creation of RECs with the regulator

Managing the compliance process with the regulator

Fulfilling annual reporting requirements to the regulator.

Power Station registration In Australian with the Clean Energy Regulation (for LGCs)

Device registration through-out Asia with the Evident Registry (I-RECs)

Guidance on REC pricing and strategies for forward market hedging or options

Offering REC price scenario modelling to support investment decisions

Facilitating long term off take agreements for RECs (including forward hedging & options)

Providing advice on the forward energy market and assisting with forward positions

Managing aggregation and trading of registered RECs

Maximising the value of RECs by aligning attributes with buyers preferences (such as vintage, technology, commissioning data, region, and reporting requirements)

Ensuring quarterly payments are made directly to your account

Northmore Gordon provides full transparency of the RECs or Offsets retired on the beneficiaries behalf. NG will provide:

A signed statement of retirement

An extract from the registry showing quantity, vintage, project, technology

For those registries that allow a public URL can be provided from the registry showing the retirement and the beneficiaries details.

NG can provide advice on correct reporting of RECs against RE100 , SBTi , GHG Protocol, NGERs and voluntary surrender. Including meeting Market-based and Location-based reporting requirements.

Navigating Environmental Certificates: A Roadmap to ESG Compliance and Transparent Reporting

Capitalising on Large Generation Certificates (LGCs): Amplifying Returns from Solar PV Investments in Australia

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What is a Renewable Energy Certificate (REC) and how does it differ from electricity?

A Renewable Energy Certificate (REC) is proof that 1 MWh of electricity was generated from a renewable source. RECs such as LGCs and I-RECs are unbundled from the physical electricity itself and are registered and traded separately on international markets. This decoupling allows generators to monetize the renewable component independently, and allows purchasers to claim renewable electricity use without changing their actual power supplier. RECs can represent up to 50% of a renewable asset's return on investment, making them commercially significant alongside energy sales.

Which renewable energy generators are eligible for REC registration?

Eligible renewable electrical energy generators include Wind, Solar, Hydro, Geothermal, Biomass, and Biogas assets. Each technology can be registered through the appropriate scheme and registry depending on location and intended market. Registration requirements, eligibility criteria and documentation vary by jurisdiction and REC type. We conduct asset registration in Australia with the Clean Energy Regulator for LGCs, and throughout Asia with the Evident Registry for I-RECs, ensuring generators meet all applicable scheme requirements for each technology.

What are the current market price ranges for LGCs and I-RECs?

LGCs (Large-scale Generation Certificates) trade between AUD \$35–\$80 (USD \$25–\$50), while I-RECs vary from USD \$2–\$50 depending on the region, technology, vintage and buyer preferences. Price ranges reflect market conditions, technology type, commissioning date and geographic location. We provide REC pricing guidance, forward market hedging or options strategies, and price scenario modelling to help generators and purchasers understand commercial value and optimize returns. Individual pricing should be confirmed with current market data and relevant professional advisers.

What commitments or programs can organizations retire RECs against?

RECs can be surrendered (retired or redeemed) to meet commitments including RE100 (Renewable Energy 100% initiative), the Science Based Targets Initiative (SBTi), Australian GreenPower, Australian Climate Active, and voluntary and compliance renewable energy targets. Retirement demonstrates organizational renewable electricity claims and supports corporate emissions accounting. We advise on correct reporting of retired RECs against RE100, SBTi, GHG Protocol, NGER and voluntary surrender frameworks, ensuring alignment with market-based and location-based reporting requirements and applicable accounting standards.

How does Northmore Gordon assist with REC registration and quarterly data validation?

We register renewable energy assets in Australia with the Clean Energy Regulator for LGCs and throughout Asia with the Evident Registry for I-RECs. The company performs quarterly data validation and creation of RECs (I-RECs, GOs, TIGRs, LGCs, ZNECs, J-Credits) with the regulator, manages compliance processes and fulfills annual reporting requirements. This ongoing registry management ensures certificates are properly issued, tracked and available for sale or retirement. Over the last 10 years, we have registered over 6 million certificates, providing demonstrated experience across multiple markets and certificate types.

What trading and hedging services does Northmore Gordon offer for REC sales?

Holding an Australian Financial Services License, we offer long-term offtake agreements including forward hedging and options, guidance on forward energy market dynamics, and aggregation and trading of registered RECs. The company maximizes REC value by aligning attributes with buyer preferences including vintage, technology, commissioning date, region and reporting requirements. We ensure quarterly payments to clients' accounts and provide transparent pricing informed by current market conditions, helping generators and corporate buyers optimize commercial outcomes through strategic sales and hedging approaches.

What documentation and transparency does Northmore Gordon provide for REC retirement and audit trails?

We provide full transparency of RECs or offsets retired on a beneficiary's behalf, including a signed statement of retirement, a registry extract showing quantity, vintage, project and technology, and where the registry allows, a public URL showing the retirement and beneficiary details. This documentation supports compliance with reporting frameworks, enables verification of renewable electricity claims, and creates an auditable record suitable for corporate reporting, sustainability disclosures and regulatory submissions. Clear retirement records help organizations demonstrate authenticity of environmental claims and meet stakeholder scrutiny.

How should organizations approach REC retirement for corporate sustainability reporting?

Organizations should establish the intended claim (RE100 commitment, SBTi target, GHG Protocol market-based Scope 2 accounting, or voluntary environmental goal), document consumption period and electricity volumes by site location, and confirm applicable reporting framework requirements. We advise on correct reporting of retired RECs against specific standards, including reconciliation of market-based and location-based accounting where relevant. Organizations must retain retirement evidence, distinguish renewable electricity attributes from carbon offsets or physical energy savings, and avoid presenting certificate retirement as addressing all emissions categories. Selecting and retiring appropriate instruments requires matching them to the documented claim and supporting framework.

What factors should inform REC purchase and retirement strategy?

A proposed REC procurement strategy should identify instrument type, generation location, vintage, ownership and exclusive claim rights, registry transfer and retirement/cancellation evidence, beneficiary and allocation across sites or entities, and the proposed public statement with supporting calculations. Organizations should distinguish renewable electricity attributes from carbon offsets and physical energy reductions, avoid relying on certificate price alone, and confirm eligibility against RE100, SBTi or applicable voluntary frameworks before purchase. We assist with instrument selection, due diligence, procurement strategy and retirement planning to align certificates with organizational boundaries, reporting objectives and commercial assumptions.