



Management System for **Embedded Networks Alternative Electricity Services Framework**

www.ccr.earth

Empowering Embedded Networks with Smart, Sustainable, and Compliant Management

Energy Policy WA is taking a crucial step forward in shaping the future of electricity delivery by introducing improved protections for customers within **embedded electricity networks**. These networks are operated by an Embedded Network Operator, who purchases electricity from a licensed retailer and then on-sells it to multiple end-users on the same property. The approach may offer many advantages, such as cost savings, control, and innovation, particularly in supporting solar and battery integration or addressing needs for electrification and EV charging. However, they have historically fallen short on customer protections compared to standard electricity retail arrangements.

The **Alternative Electricity Services (AES) Framework** has been introduced to address this. Its a framework designed to guide better conduct, transparency, and customer service within these networks. This mandatory framework is being phased in, with full enforcement set for 2026.

Understanding the AES Framework

The Alternative Electricity Services (AES) Framework is a forthcoming mandatory code of practice that will establish enforceable standards for providers of prescribed electricity services, including embedded network sellers (ENS). It sets clear expectations around how electricity and related services are delivered within embedded networks, including supply agreements, billing transparency, customer communication, and overall service quality.





Embedded networks typically involve multiple end-users or tenants consuming electricity as measured by submeters (or estimated values), with the network controlled and operated within the boundaries of a property. The framework recognises this setup and defines standards of service that Embedded Networks must meet to ensure fairness, clarity, and consumer protection. This includes how consumption is measured, how customers are billed, and how information to customers is disclosed.

By preparing early, operators can align their systems with upcoming AES requirements, streamline compliance processes, and ensure a smooth transition once registration and enforcement commence.

What This Means for Asset Owners, Building and Strata Managers

For asset owners, building managers, and strata communities, the introduction of this framework represents a shift in how embedded networks must be managed. Compliance is no longer optional - and the implications for energy supply, customer billing, and operational accountability are significant.

It is recommended that those responsible for properties with embedded networks should **prepare themselves with the AES framework**, understand requirements, and begin aligning internal systems and contracts through a systemic approach. Doing so not only mitigates future risk but also provides early access to the benefits of a more structured, transparent, and efficient energy environment.

Why an Embedded Network Management System is Critical

Navigating this transition successfully requires more than just compliance. It calls for a **robust management system** - one that enables operators to embed requirements into their day-to-day processes while unlocking operational and financial benefits.

CCR's management system approach is designed to help embedded network operators, building managers, and asset owners address the complexities of this new framework. By integrating smart automation, streamlined workflows, and sustainability-aligned practices, we enable our clients to achieve more than just compliance.

Our system helps operators **identify inefficiencies, manage electricity procurement more effectively, and explore value opportunities** - such as EV charging, renewable energy integration, and data-driven optimisation. It ensures that every component of your embedded network, from sub-metering to customer interaction, is managed responsibly and efficiently.

Start Preparing Now

The mandatory implementation of the AES Framework is rapidly approaching. Taking action now - by understanding the upcoming requirements, evaluating your current systems, and building capacity through a management system - puts you in the best possible position for a smooth transition.

Whether you manage a residential complex, commercial precinct, or mixed-use development, **CCR is your strategic partner** in building compliance, resilience, and energy leadership.



Need More Information?

Search Energy Policy WA on the official Western Australian Government website to access the latest updates, resources, and regulatory guidance.

To understand how CCR can help you build a tailored management system for your embedded network, or to explore the opportunity for energy transformation in your property, **reach out to us directly**.

Why CCR?

Decades of Expertise. Deep Industry Insight. Proven Results.

CCR is committed to **supporting asset owners, building managers, and strata communities** as they navigate the complex but exciting transition toward **smarter, fairer, and more sustainable energy practices**. Whether you're managing a residential estate, commercial precinct, or mixed-use property - or serving on a council - we're here to guide you every step of the way.

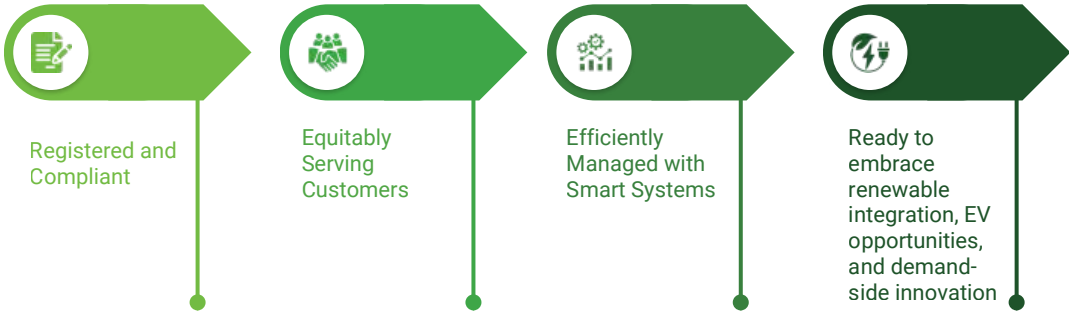
With decades of experience, CCR has consistently delivered **cutting-edge embedded networks** in both residential and commercial settings. Our solutions have empowered stakeholders to stay ahead of regulatory change, increase operational efficiency, and unlock the financial and environmental benefits of energy innovation.

We've worked alongside **building managers, government agencies, developers, and infrastructure partners** to provide strategic advisory, technical integration, and management system design. This ensures our clients aren't just compliant - they're resilient, future-ready, and positioned for long-term value creation.

In the past year, CCR was appointed by a **state government department** to support the delivery of an embedded network management system that would ensure organisational readiness for the upcoming **AES Framework**. This speaks to the trust placed in our capabilities and the value we deliver at scale.



As the **mandatory implementation of the Framework approaches in 2026**, early action is essential. With CCR by your side, your embedded network can be:



Partner with CCR to ensure you're not just prepared, but positioned to lead.

Embedded Network Types in WA

	Embedded Network Operator Type	Owned / Operated By	Common Embedded Network Facilities
	Apartment buildings/strata properties	Owners corp, strata manager	Multi-unit residential blocks
	Retirement villages / land-lease communities	Village operators, associations	Over-50s communities
	Caravan / long-stay parks	Park operators	Caravan & lifestyle parks
	Shopping centres & retail precincts	Centre management, landlords	Retail malls
	Office blocks / commercial buildings	Building owners, facility managers	Offices & mixed-use buildings
	Industrial parks/business estates	Estate managers, industrial owners	Warehouses & business estates
	University & health campuses	Educational institutions, hospitals	Campuses, biomedical precincts
	Airports	Airport authorities, facility managers	Terminals, operational support buildings
	Seaports	Port authorities, infrastructure owners	Docks, storage, cargo facilities
	Local / State government entities	Councils, government agencies	Community centres, public housing, libraries

Trusted By



Francis Price
Partner, Compliance and Reporting

Francis@CCR.earth



Vinod Tiwari
Advisor, Energy Markets

Vinod@CCR.earth

Contact Us

www.ccr.earth

info@ccr.earth

Australia
Level 1, 9 The Esplanade
Perth WA 6000

USA
884 Sea Island Ln
Foster City, California

UK
42 Cranbourne Gardens
London, NW11 0HP
United Kingdom

UAE
A2 IFZA Business Park
Silicon Oasis, Dubai

New Zealand
60A Olsen Avenue
Hillsborough, Auckland

India
179/36, 12th B-Main Road 75th
E-Cross 6th Block Rajaji Nagar
Bangalore

Malaysia
W-10-6, Subang Square, Jalan
SS15/4G, SS15, 47500 Subang
Jaya, Selangor Darul Ehsan
Malaysia

