

PKTR Energy AI – Response to AES and OPS Legislative Framework

PKTR Energy AI supports the direction and intent of the proposed AES and OPS legislative framework and recognises the importance of improving accountability, transparency, customer protections, and operational standards within the embedded network and alternative energy services sector.

As a business operating across metering infrastructure, interval data collection, remote metering systems, embedded network support, software development, renewable integration, and operational analytics, we believe the proposed framework represents a positive step toward the long-term maturity and sustainability of the industry.

From our perspective, the increasing complexity of embedded networks, distributed energy systems, solar integration, battery systems, and remote metering environments requires stronger governance, clearer operational obligations, and improved data integrity standards across the sector.

PKTR Energy AI particularly supports:

- Improved customer transparency requirements
- Formal dispute resolution frameworks
- Operational accountability
- Clearer billing obligations
- Stronger compliance oversight for operators participating in the on-selling or allocation of electricity

We also believe the legislation appropriately recognises that energy infrastructure is no longer simply an electrical installation issue, but increasingly an operational, compliance, and data governance responsibility.

From an industry standpoint, we believe there are several important operational and technical areas that should continue to be considered as part of future implementation guidance and industry consultation:

1. Metering Accuracy and Approved Metering

Where electricity is being allocated, billed, or on-sold within embedded networks or OPS environments, there should continue to be a strong emphasis on approved metering, interval data integrity, traceability, and auditability. In many cases, operators, builders, and contractors currently underestimate the long-term compliance implications associated with meter mapping, tenant allocation methodologies, and energy reporting.

2. Operational Data Governance

As interval metering, remote disconnect functionality, renewable integration, and digital energy platforms continue to expand, the industry will increasingly rely on operational data governance, system validation, audit trails, and structured metering data retention practices. We believe future frameworks should continue supporting the development of operational standards around these areas.

3. Embedded Network Lifecycle Accountability

There is currently a significant operational gap between installation and commissioning and long-term operational compliance management. Many embedded networks are established without structured documentation, digital asset management, commissioning traceability, or long-term governance processes. Greater guidance around operational lifecycle responsibilities may assist the industry as the sector matures.

4. Renewable Energy and Solar Allocation Transparency

As solar and battery systems become more integrated within multi-residential and commercial embedded network environments, accurate allocation methodologies, interval validation, and transparent reporting processes will become increasingly important to ensure fairness, auditability, and consumer confidence.

5. Scalability and Industry Transition

We acknowledge that smaller operators and strata-managed embedded networks may require practical transition pathways and operational guidance to align with evolving obligations. The implementation timeframe and education process will be important to ensure industry-wide adoption and sustainable compliance outcomes.

PKTR Energy AI has engineers and software developers internally and would be willing to support the industry as business consultants to help operators and embedded networks transition toward higher operational and compliance standards.

PKTR Energy AI is currently undertaking internal operational reviews and governance development in preparation for the evolving AES and OPS environment, including improvements to compliance frameworks, interval data validation processes, commissioning standards, operational reporting systems, and infrastructure intelligence capabilities.

We appreciate the opportunity to provide feedback and participate in the ongoing consultation process. Please consider PKTR Energy AI as a business with strong operational capability within this industry, currently managing thousands of remotely and manually read meters each month.



Engineering
Planning
Management
Analysis
Renewables

Kind regards,



Hector Urbina MBA GAICD BEng BBus
General Manager
