

Business Case: Adoption of Network Map® for Energy Intelligence

Decision Requested: Approve subscription to Network Map® (Analyst, Professional, or Enterprise plan) as the firm's standard platform for spatial analysis, regulatory evidence, and client deliverables.

Current Challenge

Workflows are currently fragmented across spreadsheets, GIS tools, and manual data searches. This creates:

- Extended preparation times for feasibility assessments, bids, and regulatory submissions.
- Inconsistent outputs across teams and stakeholders.
- Analyst effort consumed by low-value data gathering rather than client-facing work.

Proposed Solution

Network Map® consolidates electricity networks, generation and storage assets, and relevant policy datasets—updated daily—into a single environment. Key capabilities include:

- **Advanced analytics:** distance and area calculations, nearest-asset checks, 3D terrain modelling, and weather overlays.
- **Structured outputs:** CSV, PSS®E, and GeoJSON exports for integration into existing workflows.
- **Governance and security:** single sign-on, role-based access, audit logs, and ISO 27001 alignment.

Subscription Tiers

- **Analyst Plan:** full map access with advanced query and spatial analysis tools.
- **Professional Plan:** adds structured exports to support modelling and reporting.
- **Enterprise Plan:** includes API integration, SSO, and enterprise-grade scalability.

Benefits and Value

- **Efficiency:** 2–5× faster feasibility and constraint analysis.
- **Consistency:** a single source of truth reduces duplication and conflicting results.

- **Commercial impact:** earlier risk detection reduces late-stage changes and field costs.
- **Client outcomes:** standardised, defensible outputs strengthen deliverables and credibility.
- **Talent leverage:** enables analysts to deliver higher-value outputs with less reliance on niche tools.

Considerations

- **Adoption:** supported by intuitive interface and role-based onboarding.
- **Data alignment:** mitigated through shared definitions and scheduled refreshes.
Vendor lock-in: avoided via standards-based exports and clear exit provisions.
- **Security:** safeguarded by enterprise-grade controls and auditability.

Recommendation

Approve Network Map® (Analyst, Professional, or Enterprise plan) to establish a unified, secure, and efficient energy intelligence platform. The platform will materially reduce cycle times, improve quality and consistency of evidence, and deliver rapid and sustained return on investment for both internal teams and client engagements.