



Material Topics



Corporate Governance & Ethics



Digitalisation & Cybersecurity



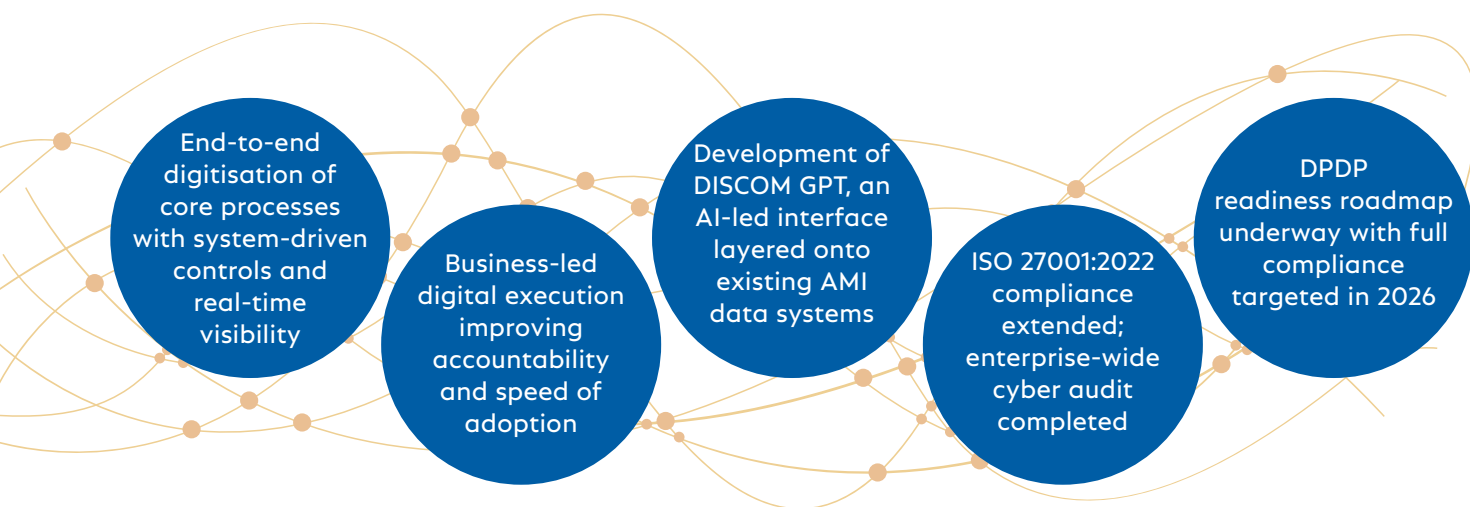
Asset Lifecycle Management



Business Resilience

Information, when left scattered, slows a system down. When brought together, it sharpens intent. As AI begins to layer itself onto connected systems, data is moving beyond visibility toward interpretation, enabling faster and more responsive decisions.

The Many Currents, At a Glance



At Apraava Energy, intellectual capital is now defined less by the systems we deploy and more by the clarity they enable. Over the past year, our focus has been on bringing greater control to core processes, strengthening resilience across digital infrastructure, and integrating systems into a connected enterprise backbone. The shift is visible in how decisions are made, risks are anticipated, and how consistently performance is governed across projects.

Digitisation is now embedded into how the organisation functions. From automated workflows and real-time dashboards to stronger cybersecurity and data governance, each layer is designed to reduce friction and improve precision.

Digitising Core Processes for Control and Efficiency

The most visible shift this year has been in how core processes operate. What was once manual, fragmented, and reactive is now increasingly system-driven, integrated, and controlled.

Two enterprise-wide transformations anchor this change:

Travel and Expense Management Transformation

- End-to-end automation, from employee access to final settlement
- OCR-enabled bill scanning for real-time expense capture
- Seamless integration of corporate card transactions as non-editable records
- Mobile and web-based requests, approvals, and cancellations
- Auto-creation of expense entries in ERP
- Automated accounting, reconciliation, and pay-outs



IMPACT

- Faster processing and submission cycles
- Improved employee experience through mobile-first access
- Stronger financial control and audit readiness
- Reduced manual intervention and errors

Project Budgeting and Procurement Digitisation

- Transition from manual purchase orders to system-driven issuance
- Budget controls embedded at activity level
- Real-time tracking of project spend through ERP
- Management dashboards for budget vs utilisation visibility



IMPACT

- Stronger execution excellence at the project level through disciplined spend management
- Greater management effectiveness with real-time visibility and faster decision-making
- Improved strategic control over capital allocation and project outcomes
- Elimination of off-system procurement inefficiencies

Together, these shifts have done more than improve efficiency. They have introduced a higher degree of discipline into everyday operations, where every transaction is visible, every cost is traceable, and every decision is anchored in data.





Upgrading Intelligence Across Operations and Workforce

Our digital capabilities continue to deepen across both operational and workforce systems, improving visibility, speed, and decision-making across the organisation.

What has been strengthened:

- A centralised analytics platform in partnership with IBM integrates SCADA, turbine, and inverter data across wind and solar assets
- Unified monitoring enables faster identification of performance deviations and underperforming units
- A centralised control framework supports real-time decisions on maintenance scheduling and grid management
- Expanded Human Resource Management System (HRMS) capabilities with real-time dashboards and MIS automation

What this enables:

- Portfolio-wide visibility across renewable assets through a single analytics layer
- Faster, data-led interventions to improve asset performance and energy output
- Real-time insights into recruitment, attrition, workforce trends, and employee engagement
- Reduced manual effort and improved accuracy in HR reporting, enabling sharper workforce planning
- A more integrated “One-HR” ecosystem through connections with recognition and compensation platforms

As systems begin to connect, the quality of decisions changes. This year, integration has moved to the centre of our digital architecture. Core enterprise systems now operate with far greater alignment, allowing data to flow seamlessly across functions and projects.

Strengthening Digital Governance and Execution Ownership

Technology programmes tend to stall when ownership is diffused. This year, that centre of gravity shifted. Digital initiatives are now led by business teams, with IT moving into a clearer, more deliberate role as an enabler. The change is structural, but its impact is behavioural. Decisions tend to move faster when the people closest to outcomes are also closest to execution.

Governance has followed suit. Structured steering committees bring together business, IT, and leadership at defined intervals to review progress, resolve issues, and recalibrate. Programmes are now time-bound, with sharper milestones and less tolerance for drift. Adoption, as a result, is now built into the way programmes are conceived and driven.

Advancing Cybersecurity and Risk Resilience

This year, cybersecurity at Apraava Energy moved beyond protection to anticipation, with sharper visibility, stronger controls, and continuous validation.

Dark web monitoring for early threat detection

Dark web monitoring now enables early detection of leaked credentials, brand misuse, and exposed data. This has shifted the posture from reactive response to proactive containment, reducing the likelihood of large-scale compromise.

Passwordless authentication to reduce identity risk

The move toward passwordless authentication has significantly reduced exposure to credential-based attacks such as phishing, password spraying, and reuse. Identity assurance is now anchored in stronger factors such as device trust and conditional access, aligning closely with Zero Trust principles.

Endpoint encryption to secure data at rest

Endpoint data encryption ensures that sensitive information remains secure even in cases of device loss or unauthorised access. This strengthens both regulatory compliance and resilience against insider and malware-driven risks.

Validating Maturity Through Audits and Certifications

ISO 27001:2022

surveillance audit successfully cleared, reaffirming the strength of the Information Security Management System

CEA Audit - IT & OT,

CEA Cyber Security Audit across solar and wind sites, to harden our grid resilience against critical OT cyber threats & absolute compliance with national security mandates

While ISO 27001 validates our corporate IT processes, a CEA audit certifies our technical grid resilience against critical OT cyber threats and ensures absolute compliance with national security mandates.

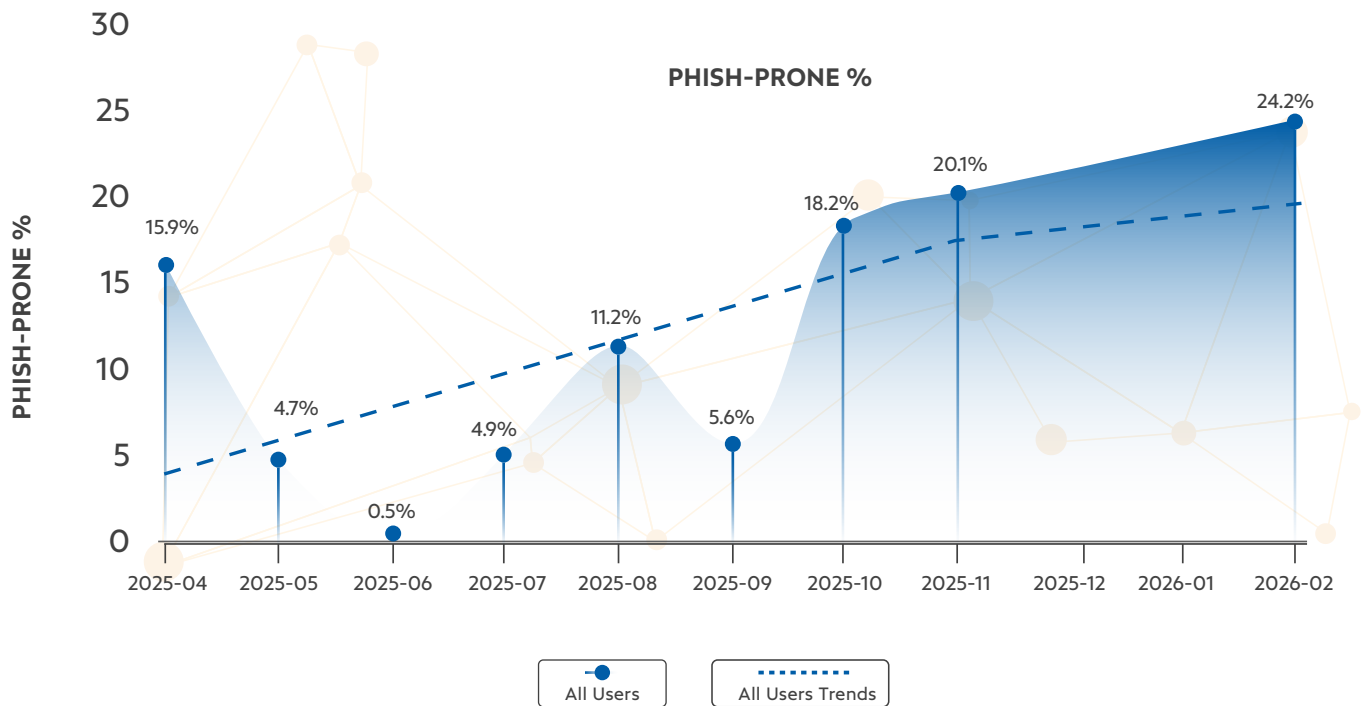
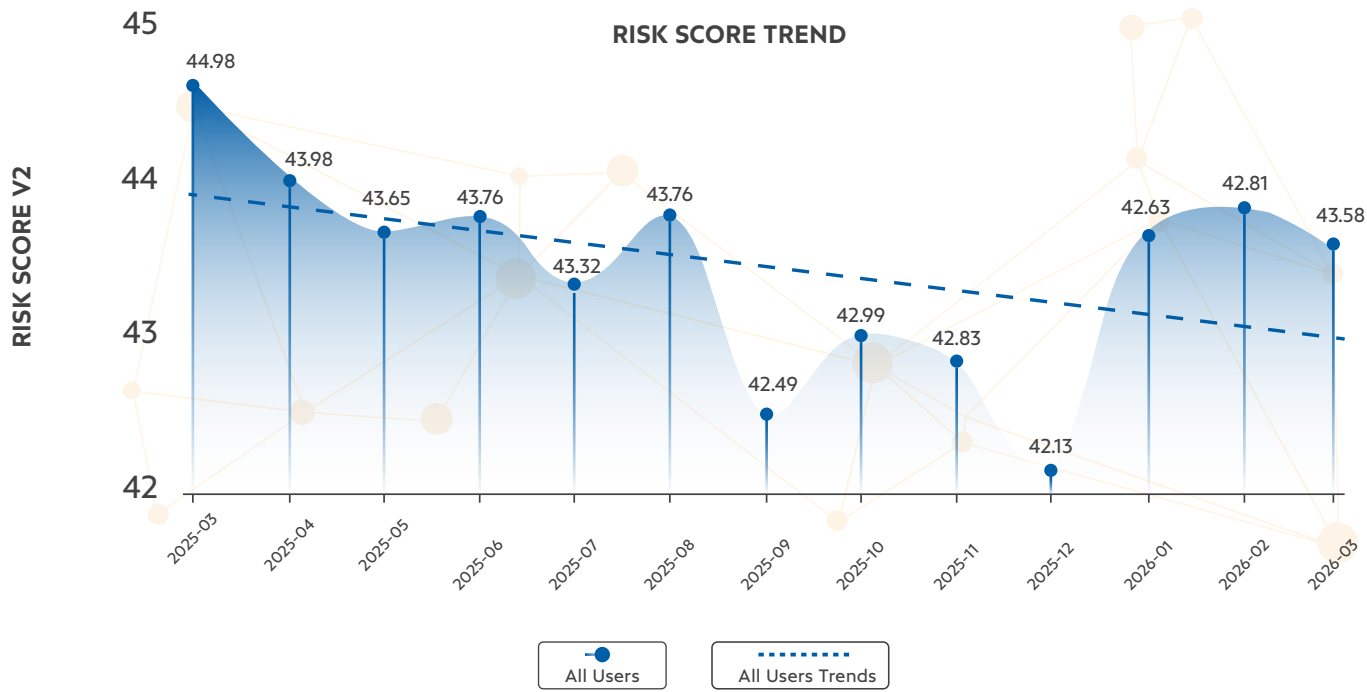
ISO 27001:2022

certification extended to the KMTL site, taking security governance deeper into operational infrastructure



Leveraging Behavioural Intelligence for Cybersecurity

By layering “User and Entity Behavior Analytics” (UEBA) over our existing human risk data, we shift our cybersecurity strategy from reactive compliance to proactive, behaviour-driven enforcement, significantly reducing our attack surface where we are most vulnerable: our human layer.



Promoting Data Privacy and Regulatory Readiness

As data volumes grow, so does the responsibility to govern them. This year, the focus shifted from policy intent to operational readiness, with clear structures, defined gaps, and time-bound action. A comprehensive DPDP gap assessment was undertaken across people, processes, and technology. This exercise evaluated readiness against key requirements of the Digital Personal Data Protection Act, 2023, including consent management, privacy notices, data principal rights, breach response, and data retention.

While core systems and controls are in place, the identified improvement areas include:

- Standardised consent frameworks
- Structured grievance redressal mechanisms
- DPDP-aligned Data Processing Agreements (DPAs)
- Third-party privacy risk assessments

These are now being addressed through a prioritised remediation roadmap, with defined ownership and timelines.

At the system level, key safeguards are already active:

- AMI project data hosted on MeitY-approved cloud infrastructure
- Data masking protocols across consumer-facing applications
- Regular cybersecurity, data privacy, and VAPT audits

The target is full alignment with DPDP requirements by 2026. What is taking shape is a more accountable data environment, one where compliance is designed into systems right from the beginning.

Integrating Intelligence into the Energy System

If the past phase was about digitising infrastructure, this one is about making it think. The focus has begun to shift from data collection to data interpretation, where systems do more than record: they respond.

A key step in this direction has been the development of DISCOM GPT, an AI-led interface layered onto existing AMI data systems. Instead of navigating dashboards and reports, users can now interact with data through natural language, accelerating how insights are accessed and applied.

- Faster interpretation of large, complex datasets across feeders and networks
- Improved visibility into demand patterns and asset behaviour
- More informed, real-time decision-making at the utility level

Early use cases span demand forecasting, asset risk identification, and consumer segmentation. But the larger shift is structural, and the data is

becoming easier to access, quicker to understand, and more usable across functions.

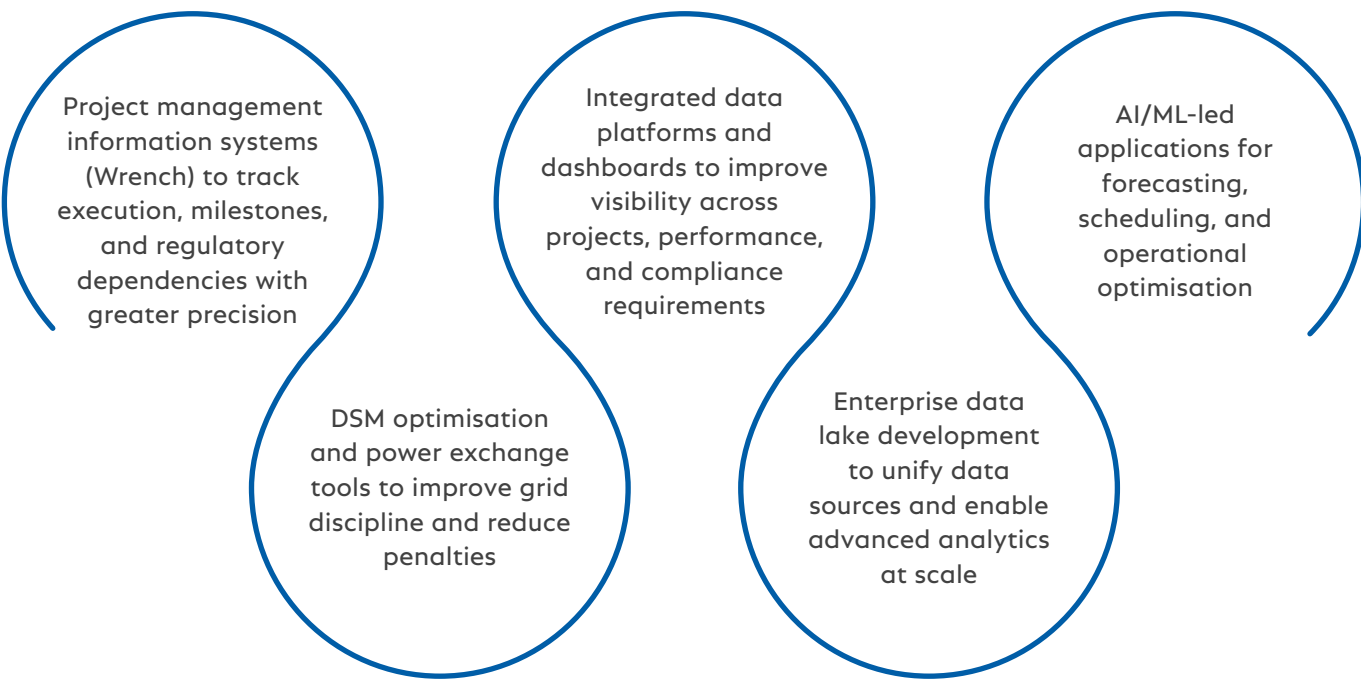
At a system level, this is strengthening how distribution networks are managed. At an organisational level, it is building familiarity with AI-led decision environments. This, right here, is what marks the transition point where digital systems begin to evolve into intelligent ones.



Scaling Digital Foundations for the Next Phase

Apraava has laid out a three-year digital roadmap (2026-2028), focused on strengthening how data flows across the organisation and how decisions are made on top of it using AI applications, machine learning, and advanced analytics. Several initiatives are already underway, while others are moving into implementation

Key areas of build include:



The intent is consistency, reducing fragmentation, increasing visibility, and shortening response time. From a regulatory lens, these systems will enable tighter tracking of approvals, timelines, and compliance milestones. From an operational lens, they are expected to improve efficiency, cost control, and coordination across teams.

Shaping Intelligence for What Comes Next

Beneath the visible build, something more deliberate is aligning. Systems are beginning to speak to each other with less translation. Data moves with fewer interruptions. Decisions arrive closer to the moment they are needed.

Control is now built into the flow of work. As expectations sharpen and environments grow more complex, the advantage will lie in how fluently this system responds in continuity. This year, the work aims to align, connect, and prepare. And within that trifecta, a system begins to emerge that can think, learn, and move with purpose.