

Streamlining Transmission Interconnection from Request to Commissioning

Drive interconnection queue delays down from 30 to 12 months or less with GridUnity's data-driven interconnection solutions.

Challenge & Solution

Interconnection Bottlenecks Are a Data Accuracy Problem

Transmission Providers are struggling to keep pace with the rapid increase in interconnection requests. What should be a one-year process now takes an average of three, stalled by inconsistent data, manual workflows, and inefficient cost allocations. At the core of these delays lies a fundamental issue: **data accuracy and transparency.**

Interconnection stakeholders—including ISOs, Transmission Owners, and Developers—operate in organizational silos, relying on spreadsheets, emails, and disconnected systems. This fragmented approach leads to:

- Inconsistent or inaccurate project data
- Communication bottlenecks
- Study process inefficiencies
- Lack of transparency

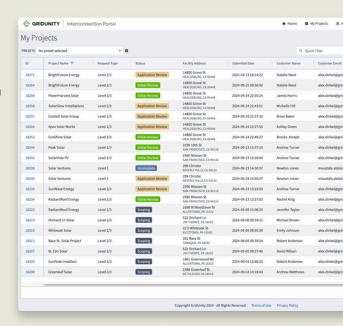
- Unclear task ownership
- Ineffective cost estimation
- · Billing and contract management gaps
- Construction phase blind spots

The Solution

To address today's interconnection challenges, the industry needs an intelligent, structured, and automated approach.

GridInterConnect for Transmission

GridUnity's GridInterConnect transforms the interconnection process by ensuring data integrity, process automation, and financial transparency at every step—from application submission through study and final commissioning. By eliminating manual inefficiencies and centralizing all interconnection data in a single platform, GridInterConnect empowers Transmission Providers to accelerate approvals, enhance stakeholder collaboration, and maintain regulatory compliance—ensuring a faster, more efficient path to grid integration.



A Trusted Partner in Transmission

Transmission providers need more than just software—they need a strategic partner who understands their challenges and delivers solutions that drive efficiency, transparency, and regulatory compliance. GridUnity is that partner.



Operationalizing Data

Eliminates data silos by providing real-time access to validated interconnection data, improving efficiency and decision-making



End-to-End Alignment with FERC Orders

Aligns with Federal and State Policies, integrating Cluster Study management processes, financial tracking, and auditability.



Accelerated Interconnection Approvals

Streamlines application requests, customer engagement reviews, cluster study management, and infrastructure coordination, reducing delays and increasing efficiency.



Seamless Stakeholder Collaboration

Improves transparency and coordination among Transmission Providers, Generation Developers, and Transmission Owners through a centralized platform.



With the GridUnity system, CAISO and California's major utilities have a shared store of data to work from. What is the power flow? What network upgrades have to be built for this project? What position is it in at a substation, or do they have to build a new substation?

In the past, utilities have had to spend more than a month to pull the data out of the different databases and fill out the report. But now the data is all in one database — you push a button and out comes a report."

- Deborah Le Vine, Executive Director of Infrastructure and Operations, CAISO



Empowering Transmission Providers with Automation, Compliance, and Data Intelligence

- Application Intake and Review Automates request submissions, ensures compliance checks, and validates data in real-time to reduce errors and delays.
- Real-Time Data Validation & Defensible Audit Trail –
 Ensures accurate, compliant, and traceable
 interconnection data, minimizing project disputes and regulatory risk.
- Cluster Study Management & Financial Tracking— Compliant with FERC Order 2023, tracking communications, study results, cost estimates, and allocations in preparation for the Generation Interconnection Agreement.
- Centralized System of Record Provides a centralized, authoritative source of interconnection data with tailored user access for all stakeholders, improving transparency and collaboration.
- Infrastructure Coordination & Execution –
 Streamlines tracking of project milestones, cost estimates, and construction timelines to ensure efficient grid integration.

- Automated Deadline & Compliance Tracking Ensures all required actions are completed on time with built-in regulatory deadlines and notifications.
- Dynamic Cost Allocation & Study Deposits Tracks financial obligations, study deposits, and network upgrade costs in alignment with regulatory requirements.
- Configurable Business Rules & Process Automation Adapts to specific Transmission Provider processes while maintaining regulatory compliance.
- Real-Time Collaboration & Stakeholder Management

 Enhances coordination across Transmission Providers,
 Generation Developers, and Transmission Owners with shared data and structured workflows.
- Historical Data & Audit Logs Maintains a full record of interconnection requests, agreements, and decisions, providing transparency for compliance and dispute resolution.
- **Secure, Cloud-Based SaaS Platform** Ensures scalability, cyber security, and accessibility, eliminating reliance on disconnected tools and spreadsheets.

Simplify Interconnection. Accelerate Analysis. Ensure Compliance.

GridUnity's GridInterConnect streamlines interconnection management with automation, compliance tracking, and real-time data intelligence.

Talk to an expert or contact us at info@gridunity.com



GridUnity's platform enables more energy projects to be approved and executed quickly. By delivering verified, structured, and auditable data within a unified platform, we ensure that RTOs, TOs, utilities, and developers can work from the same trusted dataset, reducing inefficiencies and accelerating interconnection approvals across transmission and distribution, generation and load.

