



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.

The screenshot displays the 'My Projects' section of the GridUnity Interconnection Portal. It features a table with columns for ID, Project Name, Request Type, Status, Facility Address, Submittal Date, Customer Name, and Customer Email. The table lists 20 projects, with various statuses such as 'Application Review', 'Initial Review', 'Scoping', and 'Incomplete'. The interface includes a search bar, a filter dropdown, and a 'Quick Filter' button.

ID	Project Name	Request Type	Status	Facility Address	Submittal Date	Customer Name	Customer Email
18271	BrightFuture Energy	Level 2/3	Application Review	14800 Grove St HEALDSBURG, CA 95448	2025-03-13 18:14:22	Natalie Reed	alex.dinkel@gridunity.com
18264	BrightFuture Energy	Level 2/3	Initial Review	14800 Grove St HEALDSBURG, CA 95448	2024-09-25 09:56:50	Natalie Reed	alex.dinkel@gridunity.com
18259	PowerHarvest Solar	Level 2/3	Initial Review	14800 Grove St HEALDSBURG, CA 95448	2024-09-24 22:55:14	James Harris	alex.dinkel@gridunity.com
18258	SolarGlow Installations	Level 2/3	Application Review	14800 Grove St HEALDSBURG, CA 95448	2024-09-24 22:43:01	Michelle Hill	alex.dinkel@gridunity.com
18257	EcoVest Solar Group	Level 2/3	Application Review	14800 Grove St HEALDSBURG, CA 95448	2024-09-24 22:37:32	Brian Baker	alex.dinkel@gridunity.com
18254	Apex Solar Works	Level 2/3	Application Review	14800 Grove St HEALDSBURG, CA 95448	2024-09-24 22:27:55	Ashley Green	alex.dinkel@gridunity.com
18253	EcoShine Solar	Level 2/3	Initial Review	14800 Grove St HEALDSBURG, CA 95448	2024-09-24 22:49:27	Brooks Joseph	alex.dinkel@gridunity.com
18244	Peak Solar	Level 2/3	Initial Review	2288 12th St SAN FRANCISCO, CA 94133	2024-09-23 15:37:15	Andrew Turner	alex.dinkel@gridunity.com
18242	SolarVista PV	Level 2/3	Initial Review	2290 Mission St SAN FRANCISCO, CA 94133	2024-09-23 15:28:08	Andrew Turner	alex.dinkel@gridunity.com
18239	Solar Ventures	Level 1	Incomplete	299 Christie BEVERLY HILLS, CA 90210	2024-09-23 14:50:37	Newton Jones	moustafa.abdel@gridunity.com
18236	Solar Ventures	Level 1	Application Review	299 Christie BEVERLY HILLS, CA 90210	2024-09-23 14:50:37	Newton Jones	moustafa.abdel@gridunity.com
18235	SunWave Energy	Level 2/3	Application Review	2290 Mission St SAN FRANCISCO, CA 94133	2024-09-23 15:22:03	Andrew Turner	alex.dinkel@gridunity.com
18234	RadiantLeaf Energy	Level 2/3	Initial Review	2290 Mission St SAN FRANCISCO, CA 94133	2024-09-23 13:57:03	Rachel King	alex.dinkel@gridunity.com
18223	RadiantLeaf Energy	Level 2/3	Scoping	1588 W Woodlawn St ALLENTOWN, PA 18102	2024-09-09 15:08:25	Jennifer Taylor	alex.dinkel@gridunity.com
18219	Orchard Ln Solar	Level 2/3	Scoping	522 Orchard Ln JIM FORTNEY, PA 18229	2024-09-06 09:34:15	Michael Brown	alex.dinkel@gridunity.com
18215	Whisper Solar	Level 2/3	Scoping	22 S Whitetank St ALLENTOWN, PA 18102	2024-09-05 09:50:39	Emily Johnson	alex.dinkel@gridunity.com
18211	Race St. Solar Project	Level 2/3	Scoping	201 Race St THANQUA, PA 18252	2024-09-05 09:29:24	Robert Anderson	alex.dinkel@gridunity.com
18207	W. Elm Solar	Level 2/3	Scoping	522 Orchard Ln JIM FORTNEY, PA 18229	2024-09-05 09:27:46	David Wilson	alex.dinkel@gridunity.com
18203	SunPeak Installers	Level 2/3	Scoping	1801 Greenwood Rd ALLENTOWN, PA 18102	2024-09-03 15:48:25	Robert Anderson	alex.dinkel@gridunity.com
18200	Greenleaf Solar	Level 2/3	Scoping	2288 Greenleaf St BETHLEHEM, PA 18018	2024-09-03 14:18:43	Andrew Matthews	alex.dinkel@gridunity.com

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**

Features & Benefits

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.