



Smarter, Faster Approvals for Generation Interconnection and Load Connection

Ensure data accuracy, automate approvals, and enhance customer service for generation interconnection and load connection requests.

Challenge & Solution

The Complexity of Distribution Interconnection & Load Connection

Utilities face two parallel challenges in managing distribution system evolution:

Interconnection for Generation

The rapid growth of Distributed Energy Resources (DERs), and new storage technologies, requires accurate grid modeling and validation to maintain stability. Manual approval processes slow down projects, creating bottlenecks, while regulatory compliance complexities demand real-time tracking and audit trails.

Connection for Load Growth

Rising demand for new service connections—driven by EV charging, building electrification, and industrial loads—has overwhelmed utilities. Coordination gaps between planning, engineering, and customer service teams further delay approvals, while growing customer expectations require faster, more transparent processing.

The Solution

Managing interconnection for generation and connections for load is no longer just a complex process challenge—it's a near-time data problem.

GridInterConnect

GridUnity's GridInterConnect is an intelligent automation platform that ensures data accuracy, streamlines decision-making, and enhances transparency. By eliminating manual errors, automating key decision processes, and integrating real-time data validation, utilities can process applications faster, improve team coordination, and deliver a superior customer experience.

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 various solar and energy projects, with status indicators like 'Application Review', 'Initial Review', and 'Scoping'.

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	EcoWatt 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	3288 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	2390 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	2390 Mission St SAN FRANCISCO, CA 94133	2024-09-23 15:22:03	Andrew Turner	alex.dinkel@gridunity.com
18234	RadiantRoof Energy	Level 2/3	Initial Review	2390 Mission St SAN FRANCISCO, CA 94133	2024-09-23 13:57:03	Rachel King	alex.dinkel@gridunity.com
18223	RadiantRoof 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 FORTUNE, PA 15209	2024-09-06 09:34:15	Michael Brown	alex.dinkel@gridunity.com
18215	WhiteOak 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 09:39:24	Robert Anderson	alex.dinkel@gridunity.com
18207	W. Elm Solar	Level 2/3	Scoping	522 Orchard Ln JIM FORTUNE, PA 15209	2024-09-05 09:27:46	David Wilson	alex.dinkel@gridunity.com
18203	SunPeak Installers	Level 2/3	Scoping	1803 Greenwood Rd ALLENTOWN, PA 18102	2024-09-05 15:48:25	Robert Anderson	alex.dinkel@gridunity.com
18200	Greenleaf Solar	Level 2/3	Scoping	2398 Greenleaf St BETHLEHEM, PA 18018	2024-09-03 14:18:43	Andrew Matthews	alex.dinkel@gridunity.com

A Trusted Partner in Distribution

Utilities 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.



Data Accuracy & Engineering Automation

Ensures precise, validated interconnection and connection data, reducing errors and enabling confident decision-making.



Faster, More Efficient Processing

Eliminates approval bottlenecks by automating decision trees, contract generation, and compliance tracking to accelerate timelines.



Enhanced Customer Experience & Collaboration

Empowers applicants with self-service portals and real-time status updates while reducing customer service workload.



Integration & Scalable Automation

Seamlessly connects with GIS, billing, CRM, and engineering tools, supporting grid modernization and future-proofing operations.



Regulatory Compliance

Automated compliance checks, real-time tracking, and a complete audit trail to ensure seamless regulatory adherence.



These [GridUnity's] new and improved features now give our customers a direct line-of-sight into grid data and real-time project status, making it simpler and more intuitive for applicants to take action and move projects forward."

— Joe Bentley, Senior Vice President, Electric Engineering, PG&E

Features & Benefits

Key Capabilities That Transform Utility Operations

- **Real-time Data Validation** – Eliminates manual errors and ensures grid modeling accuracy.
- **Automated Engineering Analysis** – Reduces processing time by automating technical assessments.
- **Auto-Approvals for Standard Applications** – Speeds up timelines and reduces engineering workload.
- **Automated Contract Generation & eSignatures** – Streamlines approvals, eliminating delays in documentation.
- **Decision-Tree-Based Automation** – Supports real-time, data-driven approvals for faster processing.
- **Self-service Applicant Portal** – Reduces customer service burden and improves transparency.
- **Automated Status Updates & Notifications** – Keeps stakeholders informed in real-time, reducing inquiries.
- **Seamless integration with GIS, billing, ERP, and CRM** – Enhances cross-team collaboration and operational efficiency.
- **Scalable Architecture** – Supports both interconnection and load connections as demand grows.
- **Regulatory Compliance Tracking & Audit Trails** – Ensures adherence to state regulations, new standards like IEEE 1547, and other evolving policies.

Stop Delays, Reduce Costs, and Improve Customer Service

Discover how GridUnity's GridInterConnect enables utilities to process applications faster, ensure data accuracy, and improve customer service.

[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.

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