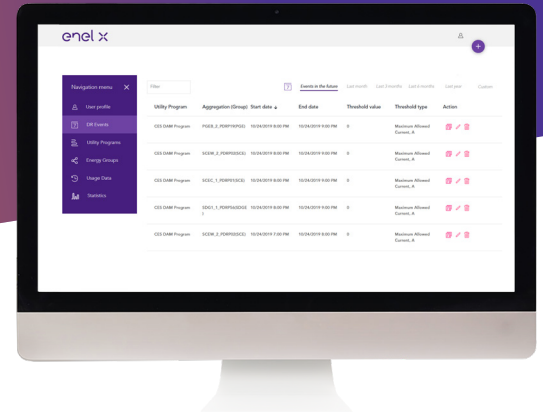# enel X

JUICENET UTILITY EDITION

Enel X: Ranked #1 Vehicle Grid Integration Solution Provider by Navigant

With the rapid adoption of electric cars, investor-owned utilities, municipal utilities, electric cooperatives, and Community Choice Aggregation providers (CCA) are facing greater challenges to ensure a reliable, balanced and clean electric grid for all energy users. Enel X's JuiceNet Utility Edition executes managed charging across a portfolio of EV charging stations, based on utility load management requirements, while prioritizing driver mobility needs.

JuiceNet Utility Edition provides critical features to manage residential and commercial EV demand, including the following:

- Create and manage utility smart charging programs and associated device groups
- Schedule and execute automated demand response events
- Monitor EV driver charging behavior, real-time charging station status and demand response event participation statistics

Why JuiceNet Utility Edition?

Demand Response Schedule and view past, current and future demand response events.	**Utility Programs** Create, view, search, modify utility program templates for home services programs.	**Energy Groups** Create, view, search, modify Energy Groups.
Data Reports Usage data for charging stations within groups can be viewed in a heatmap or downloaded in a CSV file.	**Statistics** Track DR event participation and override statistics for individual stations and groups.	**Program Design** Custom Design energy service programs to meet your needs.

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JuiceNet Utility Edition

Open Standards Compliant
- › Open Automated Demand Response (OpenADR 2.0b)

Load Management
- › Create energy groups of JuiceNet-enabled devices to aggregate their individual charging loads
- › Schedule and manage demand response events
- › Implement Time-of-Use charging programs through program management
- › Monitor current charging station status - power and device state
- › Review aggregate load (kWh) per energy group

Data Reports
- › Usage Data - generate energy group usage (kWh) report & export CSV data
- › Participation Statistics - demand response event counts by group and by device; event opt-out by device
- › Customize report date range
- › Review real-time consumption for each location
- › Filter and download any webpage output as CSV file

Advanced Data Reports
- › Secure SFTP utility data transfer file including interval data and session info
- › Revenue grade meter data

Data Storage
- › Up to 90 days of data storage on EVSE, persistent through power and WiFi interruptions*
- › 10-year cloud storage, or as specified by utility program

JuiceNet-Enabled Devices
- › JuiceBox Pro 32A, 40A, 48A, 80A
- › ClipperCreek HCS-40 (US only)
- › EO Mini Pro (UK only)

Data Security and Integrity
- › Data encrypted at rest (TDE) and at Transit (TLS 1.2)
- › Vulnerability management program via White Hat Security
- › Dedicated CERT team
- › Formal information security programRed team penetration testing
- › RBAC data access model and logical client data segregation
- › DevSecOps teams for continuous platform monitoring
- › Formal incident response program
- › Platform underpinned by Microsoft Azure PaaS

* Persistent data storage is confirmed for JuiceBox deployed through utility EVSE programs.

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