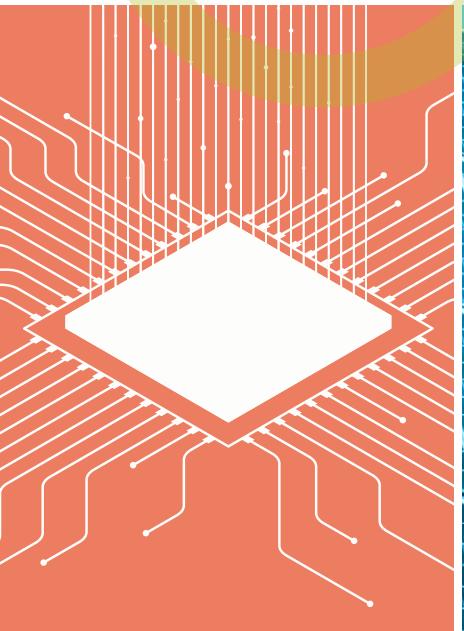




OpenADR Alliance Annual Report



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Executive Summary

This annual report highlights the successful growth and global adoption of the OpenADR standard, marked by an increase in worldwide membership, certified products being integrated into the market and the strategic expansion into new global market segments.

The OpenADR Alliance has had a number of key achievements this year, in particular a significant uplift in worldwide membership driven by changes to energy management systems and the growing number of distributed energy resources (DER), including EV managed charging networks, energy storage, and the integration of renewables.

Almost 60 organizations have joined in the last year, at a rate of one new member a week, an unprecedented number since the Alliance was formed 15 years ago to foster the development, adoption and compliance of the OpenADR communication standard. Geographically, Asia is driving this membership growth with more than a third of new joiners from Japan, China and Korea, as well as organizations from across Europe and North America.

Global recognition of the Alliance is also growing as more governments and policymakers specify open standards as part of energy demand flexibility. Several European countries have chosen OpenADR as their demand side flexibility technology standard, while in the UK, the Energy Networks Association (ENA) recently specified OpenADR. Japan has also specified additional OpenADR usage requirements, and in the U.S., California is working on OpenADR 3 for dynamic pricing communications.



About Us / Mission



The OpenADR Alliance, a non-profit corporation created to foster the development, adoption, and compliance of OpenADR and related standards, helps utilities manage the growing pool of distributed energy resources (DER), which includes renewable energy, energy storage, demand response and electric vehicle (EV) charging. The OpenADR standard supports communications to all DER to manage changes in load shape, energy inputs and power characteristics of DER assets. The EcoPort standard additionally enables smart appliances to be connected.



Helps utilities manage the growing pool of distributed energy resources



The mission of the OpenADR Alliance is to foster the development, adoption, and compliance of the DER standards through collaboration, education, training, testing and certification.



DER

ECOPORT

Year in Review



- **Since OpenADR 3 was launched in 2023, several OpenADR 3-certified products have been announced**, including from E.ON Energy Networks, EVoke Systems, Universal Devices, and more recently, mwConnect. In total, 335 OpenADR-certified products are now available, with more than 5,000 companies downloading the OpenADR specification.
- **Among many new members who joined the last twelve months are Ennowell** (state-of-the-art smart building management solutions); **Edo** (innovative energy and demand optimization solutions); **Shadow Power** (energy infrastructure technology); **LOXONE** (intelligent building automation); and **DynaChrg Inc.** (advanced EV charging solutions).
- **Leading U.S. water heating technology manufacturers, A. O. Smith and Bradford White, also joined the Alliance** with EcoPort[®] compliant products American Standard Water Heaters, Rheem Manufacturing Brands – Commercial, LG Electronics, Rinnai America Corporation, and ECO2 Systems.
- An important milestone was reached **in August 2025 when the Alliance published the specification version 3.1.0**, which includes a number of small adjustments requested by the industry and support of MQTT (a standard for IoT messaging) for subscription models. The latter makes OpenADR one of the few, if not the only, standard in the space that can support this model.
- **A new open specification was announced this year allowing OpenADR and Matter to work together**, enabling mass-market, consumer-friendly grid demand response solutions. Service providers and smart appliance manufacturers can unlock energy flexibility in home appliances, EV chargers, water heaters, solar, and battery storage.
- **EcoPort[®] certification (the brand name for CTA-2045) continues to be adopted by manufacturers and regulators**. In the U.S., several states now require all new electric storage water heaters sold to include a CTA-2045 communications standard.
- **In Europe, the OpenADR Alliance is further strengthening ties with other standards bodies and government/policy organizations**. These include the UK's Department of Energy Security & Net Zero (DESNZ), which has written OpenADR into two BSI standards, ENA, and National Energy System Operator (NESO) in the UK, EEBUS in Germany, and Smart Energy Europe (smartEn) among others.

In total, 335 OpenADR-certified products are now available, with more than 5,000 companies downloading the OpenADR specification.

Letter from



Rolf Bienert

Managing and Technical Director

*In 2026,
we anticipate
further growth of
the certification
program for
the OpenADR 3
standard and
other initiatives*

our managing and technical director

Dear OpenADR Community,

As another year has come to a close, we reflect on a period marked by both recurring conference seasons and a significant increase in face-to-face engagement with utilities and regulators, particularly in Europe where several OpenADR 3 initiatives are emerging.

Early this year, we finalized the OpenADR 3 test tool and quickly incorporated valuable community feedback into the specification. This resulted in the release of version 3.1, which includes two major updates:

- 1. MQTT Support:** We have added support for Message Queuing Telemetry Transport (MQTT). This lightweight, publish-subscribe messaging protocol is ideal for connecting resource-constrained devices with small message sizes, and it introduces necessary support

for subscription-based programs, offering an excellent way to scale OpenADR deployments.

- 2. Price Clusters:** To efficiently communicate multiple prices (e.g., as part of a baseline), the standard now supports price clusters, allowing for a short-format communication that outlines the interval setup followed by a list of prices.

On the membership front, we have been positively surprised by adding approximately one new member each week of the year. Notably, a large number of these new members are international, with Japan and Europe being leading growth areas.

In 2026, we anticipate further growth of the certification program for the OpenADR 3 standard and other initiatives. This program will be ideal for DER, such as

battery storage, EV managed charging networks, and Virtual Power Plants (VPPs).

Another key focus area is the efficient connection of smart appliances to the grid. In parallel with OpenADR, the EcoPort certification (CTA-2045) continues to see strong adoption by manufacturers and regulators. With 48 certified products, EcoPort's growth trajectory remains strong. You can explore the certified products here: <https://ecoport.openadr.org/>

Finally, we have several liaisons in the pipeline and have begun working with the International Electrotechnical Commission (IEC) to establish OpenADR 3 as an international standard. We will share more information on this soon.

We look forward to the continued success of the OpenADR Alliance.



EcoPort

– Connecting the Consumer to the Grid

EcoPort facilitates the flow of OpenADR messages to appliance owners while allowing DSOs to use their preferred communication channels (e.g., WiFi, cellular).

The number of certified EcoPort® products continues to grow.

EcoPort® is the brand name for products certified to the CTA-2045 technical standard. CTA-2045 is published by the Consumer Technology Association (R7.8 Modular Communication Interface for Energy Management Subcommittee). Compliance means a product has successfully completed the EcoPort certification program.

Smart appliances are being incorporated into energy flexibility programs operated by Distribution System Operators (DSOs). EcoPort facilitates the flow of OpenADR messages to appliance owners while allowing DSOs to use their preferred communication channels (e.g., WiFi, cellular).

The Consumer Technology Association (CTA) is currently working on a new revision of the standard (CTA-2045-C).



See all our certified products here:
[**Certified EcoPort Products**](#)

2025 highlights

#Certified products
Latest number
over **330**



#OpenADR profile downloads
waves of downloads in
specific regions increase
outside of the U.S.,
including Europe,
particularly Eastern Europe



of members 2025
60 new members
joined



Industry events
– 9 Industry Events



Our Board of Directors



Mark Martinez
Chairman



Mary Ann Piette
Vice-Chairman



Albert Chiu
Secretary/Treasurer



Sunil Goyal

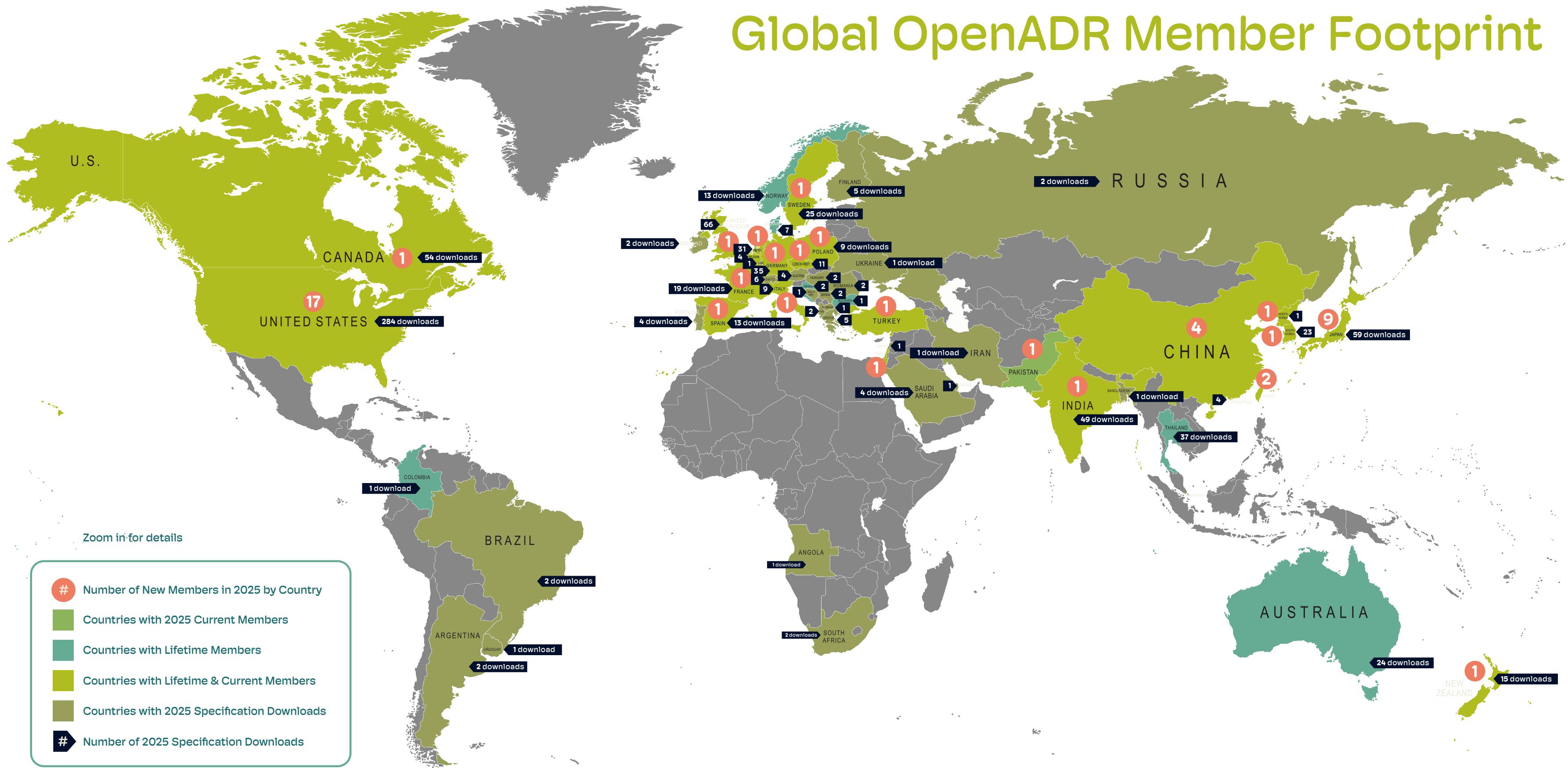


Eric Olson



*The OpenADR Alliance ecosystem has traditionally been made up of control manufacturers and utilities.
Now we are also attracting members from the automotive and associated sectors.*

Global OpenADR Member Footprint



Global Adoption of the OpenADR Standard

OpenADR continues to expand globally, with significant activity in the US, Japan, and Europe.

OpenADR usage is also growing in Japan, indicated by an influx of new Japanese member companies and certified products over the past year.

Europe is also moving forward with several programs:

Austria

Austrian Distribution System Operators and product groups are currently studying standards options, with OpenADR 3.1 under consideration. Several Austrian-based companies have recently joined the OpenADR Alliance:

- Loxone Inc. is active in the building automation and smart home markets across Europe and the U.S.
- LOYTEC Electronics develops products focused on open communication protocols for building automation and is active across Europe and the U.S. (California).

Netherlands

Activity in the Netherlands stems from ElaadNL, an innovation center and joint initiative of Dutch grid operators. Current work includes:

- ElaadNL has published the specification for the Grid-Aware Charging profile using OpenADR 3.0, in collaboration with grid and charge point operators, to manage peak load.
- LF Energy created an open-source OpenADR implementation called openLEADR, based on existing code developed by ElaadNL.
- ElaadNL and the Flexible Alliance Network (FAN) have launched an open-source project, funded by the Dutch Ministry of Climate Policy and Green Growth, to accelerate the development of standardized connectors for various protocols, including OpenADR, to be tested at the ElaadNL Test Lab.
- The Flexpower Amsterdam Partnership is supporting flexible charging to accommodate the expected increase in electric cars and the use of locally generated renewable energy.

Sweden

The Swedish Distribution System Operator, E.ON Energy Networks, successfully completed interoperability testing, making its flexibility platform, SWITCH, the first VTN solution to achieve OpenADR 3 certification.

- SWITCH uses OpenADR to proactively manage grid issues by communicating power demand adjustments in both real-time and forecast.
- E.ON's 3.0 implementation was provided by OpenADR member company AMPECO, which also provides the backend solution for the pan-European E.ON Drive Infrastructure.

United Kingdom

There is significant governmental and industry movement toward OpenADR adoption:

- The U.K.'s Department for Energy Security & Net Zero (DESNZ) led the development of PAS 1878, which incorporates OpenADR as a requirement for energy smart appliances (ESAs).
- The U.K. Energy Network Association (ENA) is working to specify program parameters for the U.K. flexibility market to incorporate OpenADR 3.0.
- National Grid and other system operators are developing a U.K. dispatch standard based on OpenADR and other existing standards, migrating toward the use of APIs.



Industry Partners

In Europe, the OpenADR Alliance is strengthening ties with other standards bodies and government/policy organizations. This includes the U.K.'s Department of Energy Security & Net Zero (DESNZ), which has written OpenADR into two BSI standards, EEBUS in Germany, and Smart Energy Europe (smartEn), which lobbies for energy flexibility as part of the transition to clean energy. [Learn more here.](#)

Standards are evolving all over the world, learning from implementation and joining up all the actors is key to enabling stable and reliable flexibility.

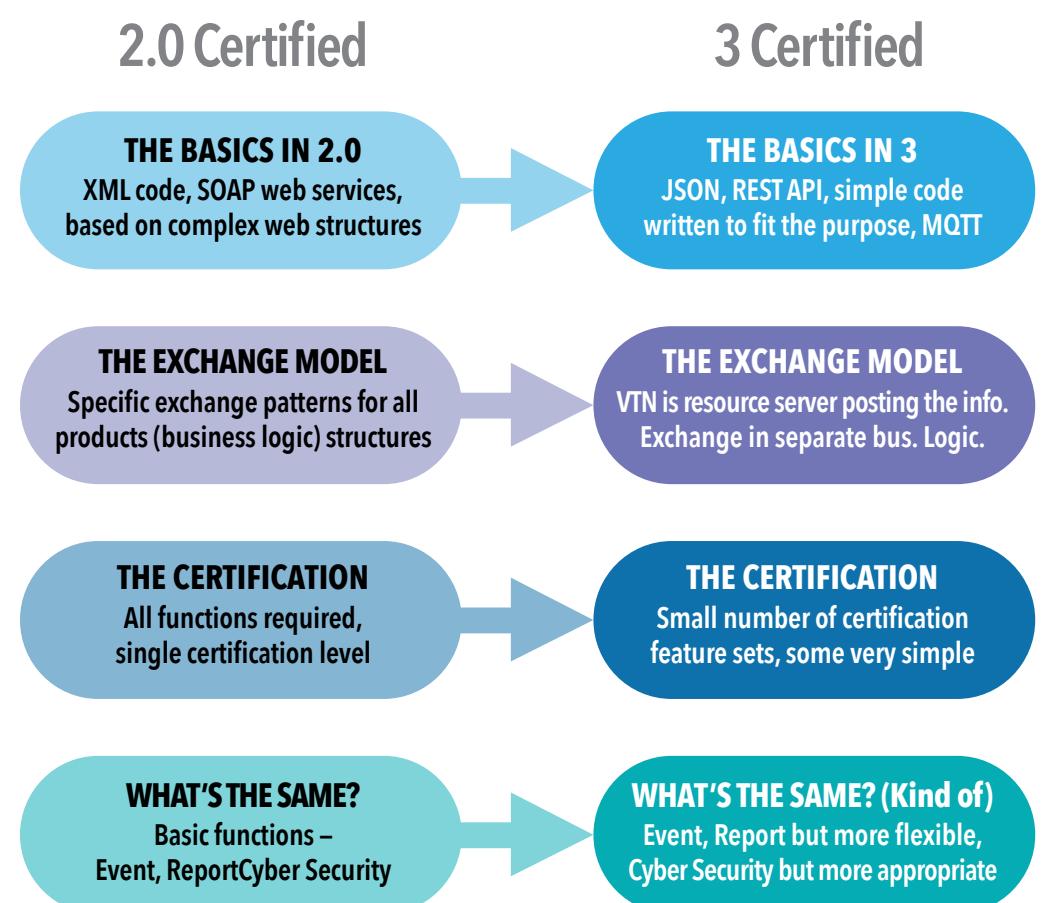


Department for
Energy Security
& Net Zero



Technology Update: OpenADR 3

With the latest release of the OpenADR 3 communications standard and certification program the Alliance can support a broader range of distributed energy resources to better optimize energy storage for residential customers using OpenADR standards.



It is important to note that the OpenADR 3 standard is not intended to replace the existing OpenADR 2.0a/b Profile Specifications. Instead, OpenADR 3 provides an additional, simplified way to integrate OpenADR functionalities into current, different, and new deployment scenarios.

OpenADR 3 offers simplicity at a time when technology is becoming more complex, making energy management easier and future-proofing energy systems. It utilizes modern web service designs, providing an easier-to-use alternative to older message style exchange formats while also offering added functionality.

In this fast changing energy world there are a number of trends taking shape and standards such as OpenADR are the key to unlocking the grid's full energy potential.

- Electric appliances as grid resources*
- The impact of Virtual Power Plants*
- Higher electricity demand by data centers: the importance of microgrids*
- Flexibility through EV charging*

Innovation in VPPs

The OpenADR ecosystem continues to diversify beyond its traditional base of utilities and control manufacturers as the market evolves. New members are now developing energy-efficient heating, ventilation, and air conditioning (HVAC) products, battery storage systems, and EV charging platforms, alongside a growing number of innovative startups designing advanced technologies for grid-interactive buildings and building energy management systems (BEMS).



& grid-interactive buildings drive growth

The Alliance is also benefiting from the growing capability of Virtual Power Plants (VPPs) as grid resources. With the VPP market predicted to grow from \$5.6 billion in 2025 to \$39.5 billion by 2035, we are seeing more cross-Distributed Energy Resource (DER) integration. While OpenADR's first-generation VPP implementations focused on rooftop solar and storage, companies are now developing new technologies for solar system integration and AI-based predictive load balancing.

In this context, the Alliance supported the creation of an OpenADR to Matter whitepaper. This document was developed by geo, a company that is a member of both OpenADR and the Connectivity Standards Alliance (CSA), and relates specifically to U.K. flex program designs.

It can be found here –

https://geotogether.com/wp-content/uploads/2025/04/Matter_OpenADR3.x_Interworking_Spec_v1.0.pdf

Their announcement is here: <https://geotogether.com/oadr-matter-spec/>

With the VPP market predicted to grow from \$5.6 billion in 2025 to \$39.5 billion by 2035, we are seeing more cross-Distributed Energy Resource (DER) integration.

Data center growth equals power demand, driven by AI and other power-hungry applications

Generating enough power for the demands of artificial intelligence (AI), cryptocurrency and other power-hungry applications, is one of the biggest challenges facing data centers right now.

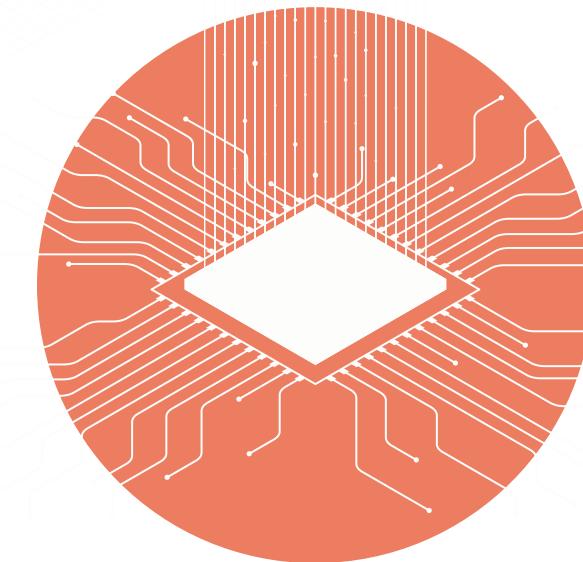
With a power grid already under pressure and in the process of trying to modernize and flex to cope with the huge demands placed on it, the industry needs to rethink the way it adapts to these challenges.

The expected proliferation of AI will lead to a substantial increase in the number and size of data centers, placing severe pressure on the energy sector. Concurrently, technology companies face heightened demands for more energy-efficient and sustainable data center operations.

Microgrids present a compelling solution for a more sustainable and efficient energy supply. These small-scale, localized electrical grids can operate either independently or connected to the main power grid and are already being implemented across various settings.

The primary value of microgrids lies in their ability to overcome grid constraints and improve reliability. They manage consumption and maintain power during grid outages, which is critical for data centers requiring uninterrupted operation.

Additionally, microgrids offer significant sustainability benefits by integrating renewable energy sources and storage, substantially reducing the carbon footprint. They also provide potential cost savings by optimizing local power generation and employing demand-response strategies.



Microgrids present a compelling solution for a more sustainable and efficient energy supply.

In essence, data centers require a high, continuous power supply, and microgrids offer a pathway to a more resilient and responsive energy infrastructure. Decentralized power via a network of microgrids can dynamically manage power loads and optimize renewable energy sources as the demands on the grid continue to escalate with the move toward an AI-powered future.

Flexibility through managed EV charging

The rapid growth of the electric vehicle (EV) market is driving significant cooperation between automotive OEMs and the electric utility industry, representing a generational transformation for both sectors.

We are already seeing EV charging programs increasingly utilize open standards like OpenADR and OCPP. However, as the industry evolves and governments invest heavily in charging infrastructure to meet net-zero goals, there is a clear need for greater standardization across the entire system, from the charging plug to the customer interface. This is essential for delivering customer-friendly and scalable solutions.

The growing demand for EVs places significant strain on grid capacity, particularly during peak charging hours (e.g., at home or work). Effective forecasting and balancing this demand are critical.

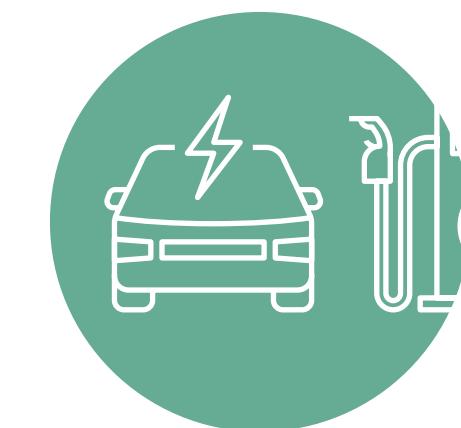
Electricity suppliers will need to incentivize consumers to charge outside of peak periods using dynamic pricing and other incentives.

The basis for effective load control lies in standardized information exchange on pricing signals, energy consumption, and capacity. Distribution System Operators (DSOs) must communicate this information quickly and securely using open standards like OpenADR. Open communication standards will also be crucial for the success of energy flexibility developments such as Vehicle-to-Everything (V2X) and Vehicle-to-Grid (V2G), ensuring the infrastructure is fit for purpose.

Finally, we must address the lifecycle implications of EV batteries, as bi-directional charging introduces concerns about degradation and shortened battery life. The issue of power

quality must also be monitored, as an increase in high-powered inverters feeding power into the grid may necessitate periodic adjustments to grid codes.

Distribution System Operators (DSOs) must communicate this information quickly and securely using open standards like OpenADR.



Membership



Promoter members



Contributor members

Ademco Inc – Resideo Grid Services	AI-RIDER Corp.	Autani, LLC	British Columbia Institute of Technology (BCIT) – Applied Research – SMART Department	ChargePoint, Inc.	Cooper Power Systems
AISPEX, Inc.	Airzone – Corporación Empresarial Altra	Autel US Inc.	Budderfly LLC	Chargeie	Cortexo
AMPECO	ajdvhad	AutoGrid	Biulddie	Chichibu PPS K.K.	CPower Energy Management
4energy Ltd	Ambi Labs Limited	Automated Logic Corporation	Buzze Inc.	Chunghwa Telecom Co., Ltd.	CrossChasm
75F	AMG Solution inc	Avi-on Labs, Inc.	Byucksan Power Co., Ltd.	Cielo WiGle Inc.	Cuculus GmbH
A.O. Smith Water Products Company	AMITEK	Azbil Corporation	CACTUS	CleanSpark	Curoo
ABB Bailey Japan Limited	Ampcontrol Technologies, Inc.	Basari Mobile Co.	Cala Systems	Codibly	Customized Energy Solutions
ABB S.p.A.	AmpedUp! Networks, LLC	BC Hydro	CarMedialab GmbH	Coil Winding Specialist, Inc.	CyberSwitching, Inc.
ACMEPOINT ENERGY SERVICE Co., Ltd.	ampUp	Bellawatt	Carrier Corporation	Colmac Waterheat inc.	Daikin
Acuity Controls	ANCLAB CO.,LTD	Blink Charging Co	CastleOS Software, LLC	Computime Ltd.	Daintree Networks, Inc.
AcuityBrands	Apparent Inc.	Blue Pillar, Inc.	CCIC-CSA International Certification Co., Ltd. Kunshan Branch	Connected Energy [former BPL Global LLC]	dcbel Inc.
AddEnergie	Ariston Group	Blueprint Power Technologies LLC	CEIVA Logic, Inc.	Cooldesign	Delta Networks(Xiamen)LTD.
Ademco Inc – Resideo Grid Services	ATEN International Co., Ltd.	BP Pulse Fleet North America , Inc.	ChargeLab	Constellation Energy	DemandQ, Inc
ads-tec Energy GmbH	Austin Energy	Bradford White Corporation		Control Dynamics	Dialight
AEP		Braeburn Systems LLC			DigiKoo GmbH

Membership



DIGITAL GRID Corporation.	Electriq Power	EnTouch Controls	FranklinWH Technologies Co., Ltd.	GridBeyond, LLC	In-Charge Energy
DNV GL	Electrosem LLC	Epic Charging	FreeWire Technologies	GridFabric LLC	Inda-Gro Induction Lighting
Doosan	Elocity Technologies Inc.	EPSA [former CELSIA]	Fuji Electric Co., Ltd.	GridNavigator	Industrial Technology Research
Driivz Ltd.	Embertec USA LLC	eSmart Systems	Fujitsu Limited [also Labs of America]	GridPoint	Institute of Taiwan, R.O.C.
DynaChrg INC	Emerson-White Rodgers	ESP	GD Midea Air-Conditioning Equipment Co., Ltd.	Gridscape Solutions	INDRA SOLUCIONES TI S.L.U
E-Gear, LLC	Encored	Essency	GE Appliances	GRIDWIZ	Inergy Systems
e-Power Solutions Co.	Encycle	EV Connect, Inc.	GE Vernova	GridX, Inc.	Ingersoll Rand-Trane
Earth Networks	Enel X [EnerNOC / Electric Motor Werks]	EV Range	Generac Grid Services LLC	GSE LLC	innogy eMobility
eCAMION Inc.	Eneres Co., Ltd.	EVBox (formerly Everon former EVBox BV)	Girasol Energy, INC.	Hangzhou Telehems Electronics Technology Co.,Ltd	Insight Energy Ventures LLC dba Powerley
Eco Automation	Energport Inc.	EverCharge	GismoPower LLC	Harvest Thermal	Inspeerity
Eco2 Systems LLC	EnergyHub	EvGateway	GivEnergy	HawkenIO	Institute For Information Industry
ecobee	Enernet	EvoCharge	Goal connect Co.,Ltd.	Hayward Industries, Inc.	InTech Energy
EcoFactor	EnerNOC Inc.	Evoke Systems	Green Action Studio	Hisense	Intellastar LLC
Ecogy Energy	Enersponse	Evolute Power	GreenFlux Assets BV	Hitachi, Ltd.	Intelligent Energy Solutions LLC / MidAmrican Energy Solutions
EIPGRID Inc. (formerly I-ON Communications Co., Ltd.)	EnerSys	EVPassport	Greenlots	Honeywell	Intellihot Inc
ElecONE Inc.	Enestone	Exergy Controls	Greenphard Energy Inc.	HUGEMORI CORPORATION	Intellilum, Inc.
Electric Era Technologies	Engie Storage [former Green Charge Networks]	Faberwork, LLC	Grid co.	Hypercharge Networks Corp	Intertek
Electric Motor Werks, Inc	EnjoyElec	Far EasTone Telecommunications Co., Ltd.	Gridmerge Ltd.	IC Systems	Itron
Electric Power Research Institute, China Southern Power Grid	Enlighted Inc	Fermata Energy	GrowShip Co.,Ltd.	IDEAL INDUSTRIES, INC.	Johnson Controls / CPower
Electricity Generation and Retail Corporation trading as Synergy	Ennowell Co., Ltd.	Flipturn	Grid Solutions (formerly Nishihara)	iesMACH	Kaluza
	EnPowered	Fortress Power	IHI Energy Storage	ihomer	KIGT Inc.

Membership



Kitu Systems	Manageon	NextDrive Co.	OpenRoad Technologies Inc.	Prelect AS	Shadow Power
KnGrid	Matcha Labs, Inc.	NextEra Analytics LLC	OPUS ONE SOLUTIONS	Prescriptive Data Inc	Shell
Kyocera	MaxLite Inc.	Nhu Energy, Inc.	Orange Charger	Pro1 IAQ, INC	Shenzhen ELECQ Technology Co., Ltd
Lancium LLC	MEIDENSHA CORPORATION	NIPPON KOEI Energy Solutions CO.,LTD.	Osaki Electric	Quality Logic	Shifted Energy
Landis+Gyr	MeiRok, LLC	Nippon Telegraph and Telephone Corp.	OSRAM LTD [Digital Lumens Inc.]	QUARGE TECHNOLOGIES LLC dba EVCHRON	Shimmer Industries, Inc
Lastmyle Limited	Metergram	NISHIMU ELECTRONICS INDUSTRIES Co. Ltd.	Pacific Gas & Electric	Quby International	ShirokumaPower Co., Ltd.
LBNL	Micro-Star INT'L CO., LTD.	Nissin Systems Co., Ltd.	Packetized Energy	RAB Lighting	Quext
Legrand	Mitsubishi Electric Corporation	Noodoe Inc	Panasonic	Re:Power Inc.	RUTILEA, Inc.
Lennox International	MOEV Inc.	Nostromo Energy	Parsons (formerly IPKeys)	Recargo, Inc.	Shadow Power
LG Electronics Inc.	Monta	NRG Energy, Inc	Pason Power	Relation consulting	Shenzhen ELECQ Technology Co., Ltd
Liberty Plugins Inc.	Murata Energy Solutions Americas	NURI FLEX	PAYENERGY A DBA of Pointfar Automation LLC	Reliable Controls Corporation	Shizen Connect
Limelight Smart Systems	mwConnect	Nuri Telecom	Pelican Wireless Systems	Renewable Japan Co.,Ltd.	Siemens Canada Limited
LiteTrace	NaoDigital	Observant	Philips	REstore	Silvair, Inc.
Locbit, Inc.	NAONWORKS	Oi Electric Co., Ltd.	Phoenix Energy Technologies	RF Controls	Sinope technologies
Logistics Energy Korea Company, Ltd.	National Cheng Kung University	Olivine, Inc.	PLATFORMICS INC.	Rheem Manufacturing Company	Skycentrics
Loop, Inc.	National Electronics and Computer Technology Center (NECTEC)	OMRON Corporation	Plimoth Bay Controls, LLC	Rinnai	SkyElectric
Loxone Inc.	Navien Inc.	OpConnect	Polaris Energy Services	Rinnai New Zealand Ltd.	SLAC National Accelerator Laboratory
LOYTEC electronics GmbH	industrial.io	Open Access Technology International, Inc.	Power X, Inc	Saascharge, Inc.	Small Planet USA LLC
LUMHOUSE ENERJİ SANAYİ VE TİCARET ANONİM SİRKETİ	NEC Corporation	Open Systems International Inc	PowerFlex Systems, LLC	Second Foundation Tech a.s.	SMSOFT
Lunera Inc. [Former Lunera Lighting]	NEC Engineering, Ltd. Is now Platforms	PowerPump	SemaConnect, Inc	Soden Inc.	Sol-Ark, LLC (aka)-Portable Solar LLC
Lutron Electronics Co., Inc.	NEXT-e Solutions Inc.	Powertech Labs Inc.	Serious Controls	SolarPilot Energy	

Membership



Solo Energy Limited	SWTCH Energy Inc.	TeraWatt Infrastructure	[former Riptide IO Inc]	VITO	TECHNOLOGY CO., LTD
Spokane Edo LLC	Synop	THG Energy Solutions, LLC	Typhoon HIL Inc.	Volta Charging, LLC	Yokogawa Solution Service Corporation
SORRID	SystemNihonKyushu	ThinkEco	UL LLC	Voltus, Inc.	ZEF Energy Inc.
SRP Salt River Project	Systems Mechanics Ltd	TIS Inc.	Unilectric, LLC	Wanbang Digital Energy Co., Ltd.	Zen Within Inc.
Standard Euler, Inc. (d.b.a Flair)	Taiwan Electric Research & Testing Center (TERTEC)	Toinx Co., Ltd.	Universal Devices Inc.	WattEV	Zero Impact Solutions
Steffes ETS, LLC	Taiwan Testing and Certification Center	TOSHIBA Corporation	Universal Electronics Inc	Wevo Energy Ltd	Zerova Technologies Taiwan Limited
Stonewater Controls	TAKAOKA TOKO CO.,LTD	TOYOTA TSUSHO CORPORATION	University Carlos III of Madrid	WiSilica Inc	Zevtron
STRATIS IoT, Inc.	TCL	TRC Companies [former Lockheed Martin]	University of Southern Denmark	Wooam, Inc.	株式会社 e 電力ソリューションズ
Sumitomo Electric	tekmar Control Systems Ltd.	TrickleStar Inc.	Vaughn Thermal Corporation	XCSpec, Inc.	
Sunnovations Inc.	Telkonet, Inc	Trilliant	Veloce Energy Inc	Xeal Energy	
SunPower Corp.	Tellus Power	TTA (Telecommunications Technology Association)	Venstar Inc.	XiO, Inc	
Sunverge Energy Inc.	Tennessee Valley Authority	Turntide Technologies, Inc.	Ventyx / ABB	Yardi-Enerliance	
Swell Energy			Virtual Peaker	YISO (Chengdu) SMART	

Adopter members:

Adnet d.o.o	E.ON Energistribution AB	KETI	New Hampshire Electric Cooperative	and Industrial Sectors	Transpower
CSA Group	ETC	Korea Electrotechnology Research Institute	NV Energy Inc.	Resillion [former Eurofins Digital Testing]	Vermont Public Power Supply Authority
EDF R&D	ETRI	London Hydro	Research Center of Energy, Conservation for New Generation of Residential, Commercial,	Sacramento Municipal Utility District	TUV Rheinland Japan Ltd.
ElaadNL	Hawaiian Electric Company	Énergie NB Power		STEM Inc	
Energy Solutions	Internet Initiative Japan Inc.				