



According to Ofgem, the UK could have almost 11 million EVs on the road by 2030. If 50% of these vehicles were vehicle-to-grid (V2G) enabled, this would open up 22 TWh of flexible EV discharging capacity per year and could provide approximately 16GW of daily flexible capacity to the grid. The UK government plans to decarbonise the network by 2035, and EV batteries have a key role to play by providing energy during peak demand periods, contributing to grid stability by regulating frequency and voltage, and storing excess renewable energy for later use. In short, V2G has tremendous potential for enabling the renewables-centric UK grid of the future.

Organised by the Smart Grid Observer, the V2X Business, Policy and Technology Forum UK, 18-19 February 2025 in London, will convene industry experts and utility professionals to discuss the potential, progress and hurdles facing widespread deployment of V2X in the UK. Results from V2X demonstrations and trials will be discussed with an eye toward refining business models and policies, identifying technologies, and overcoming current challenges facing V2G / V2X rollout in the UK and EU.

Topics to be addressed include:

- Technology advances and challenges: Enabling V2X charging to be scheduled, remotely controlled, and aggregated across multiple locations and devices
- Achieving the scale-up of required enabling technologies for V2X
- Driving V2G commercialisation: Identifying customer preferences and value propositions
- Addressing barriers to innovating new products and services
- Progress toward vehicle-to-home and vehicle-to-building in the UK
- Improving and simplifying the DNO connection process for V2G chargers, and addressing cost issues
- Achieving better visibility and monitoring of the LV network to allow for greater penetration of distributed resources, such as V2X
- Use cases and business models for V2X applications
- DNO perspectives on V2G challenges and opportunities
- The role of DC microgrids in enabling V2X
- Exploring monetisation opportunities to scale domestic V2G
- Plans and programs for increasing consumer awareness of V2X
- Regulatory and policy advances: Progress to date and hurdles to address
- Standards, interoperability and grid integration issues - supporting the adoption of required standards
- Evaluating the impact of bidirectional charging on EV battery life
- Lowering the cost of V2X equipment for consumers
- V2G in fleet charging scenarios

The goal of the Forum will be to bring together stakeholders to discuss how to drive the commercialisation and uptake of V2X across market sectors in the U.K. What has been the progress to date, and what are the key advances in development? What are the challenges facing widespread deployment, and how do we address them? We will also be discussing the evolving business case for different stakeholder sectors.

Speaking Opportunities

Individuals who wish to deliver a stand-alone presentation, speak in or organise a panel session, or lead a half-day workshop should submit the following to speak@v2xforum.com by **Friday, 25 October, 2024**

1. Name of speaker(s), title, company, and contact information
2. Presentation title (or title of panel or roundtable)
3. Abstract and objective of presentation or session (150 words)
4. Speaker or panelist biographies and photos
5. Bullet list of 3-4 Key Learning Points from the presentation or panel session
6. Session type

Speakers from Previous Editions in the U.S. include:

- Ralph Adams, V2X Lead & Director of Utility Partnerships, [BorgWarner](#)
- Lynn Ames, Head of Utility, Fleet and Commercial Sales and Business Development, [General Motors](#)
- Randy Armstrong, Clean Transportation Product Manager, [National Grid](#)
- Mathias Bell, Senior Director of Policy and Marketing, [WeaveGrid](#)
- Evan Belser, Policy Strategist and Managing Counsel, [Ford Motor Company](#)
- Joseph Bielawski, Clean Transportation Project Manager III, [San Diego Gas & Electric](#)
- Dan Bowerson, Senior Director, Energy & Environment, [Alliance for Automotive Innovation](#)
- Ben Burns, Leader of V2X, [Eaton](#)
- Sunil Chhaya, Ph.D., Senior Technical Executive -- EV-Energy System Integration, [EPRI](#)
- Jeanette Clute, Senior Manager, Global Electrification Strategy, [Ford Motor Company](#)
- Dan Fletcher, Founder and Head of Ecosystems, [dcbel](#)
- Alissa Harrington, Automotive and Charging Partnerships, [WeaveGrid](#)
- Blake Heidenreich, Strategic Advisor - Transportation Electrification, [Southern California Edison](#)
- John H. Holmes, CEO and CTO, [Paratelic Ventures](#); Sustainability Business Innovation, [American Honda](#)
- Chris Irwin, Program Manager for Transactive Energy, Communications and Interoperability in Smart Grid, [U.S. Department of Energy](#)
- Jaime Kolln, Senior Power System Engineer, [Pacific Northwest National Laboratory](#)
- Lydia Krefta, Director, Clean Energy Transportation, [Pacific Gas and Electric](#)
- Beat Kreuter, Vice President - Product Testing, Business Line Safety, [DEKRA SE](#)
- Gregory Kresge, Senior Manager, [World Resources Institute](#)
- Steve Letendre, PhD, Senior Director, Regulatory Affairs, [Fermata Energy](#)
- Joel Levin, Executive Director, [Plug In America](#)
- Jeffrey Lu, Air Pollution Specialist, [California Energy Commission](#)
- James Mater, Co-Founder and Director of Strategy, Smart Grid, [QualityLogic](#)
- David McCreadie, EV-Grid Integration Strategy and Business Development, [Ford Motor Company](#)
- Rodney McGee, Ph.D., P.E., Research Engineer, Transportation Electrification Center, [University of Delaware](#)
- Marc Monbouquette, Senior Manager, Policy and Government Affairs – Electrification, [Enphase Energy](#)
- Christopher Moris, Principal, Grid Innovation, [Pacific Gas and Electric](#)
- Ryan O'Gorman, Energy Services Co-Lead and Head of Intelligent Backup Power, [Ford Motor Company](#)
- Rima Oueid, Commercialisation Executive, Office of Technology Transitions, [U.S. Department of Energy](#)
- Alex Pawlowski, Sr. Regulatory Strategy Specialist Product Strategy & Mobility, [Kia](#)
- David Petrovski, Director Sales, [S&P Global](#)
- Scott Picco, Principal Engineer, Distributed Energy Resources, Bi-directional EV charging, [UL](#)
- Jacqueline Piero, US Head of Policy & Regulatory, [The Mobility House](#)
- Paul Russell Salk, Product Solutions Lead, [Utilidata](#)
- Jens Schmutzler, Strategic Portfolio Planner - EV Charging Test, [Keysight Technologies](#)

- Rich Scholer, Charging Ecosystem Manager, **Stellantis**
- Ruth Scotti, Director, Product Development, **Consumers Energy**
- Dr. Laura Sherman, President, **Michigan Energy Innovation Business Council**
- Dr. Glenn Skutt, Chief Technology Officer, **Fermata Energy**
- Katie Sloan, Vice President - Customer Programs and Services (CP&S), **Southern California Edison**
- Gregory Smith, President and CEO, **Flex Power Control**
- Jordan Smith, P.E., Consulting (Principal) Engineer, Grid Technology Innovation, **Southern California Edison**
- Tony Tomczak, Vice President of Electric Sales & Marketing, **DTE Energy**
- Russell Vare, Head of Auto OEM Partnerships, **Kaluza**
- Danielle Weizman, Business Development Manager, Clean Transportation, **San Diego Gas & Electric**
- Zach Woogen, Interim Executive Director, **Vehicle-Grid Integration Council (VGIC)**
- Timothy Zgonena, Principal Engineer, **UL**
- And others

Sample Attendee Feedback on the recent U.S. editions:



"Very informative. The ability to talk to experts in the field as well as meet potential partner was the most valuable aspect"

- Shannon Anderson, Senior Planner, EV Infrastructure and V2X Strategy, Nissan North America

"Great! Didn't think I could learn much more on the topic but the Forum was very enlightening."

- Joshua McDonald, Consulting Engineer, Southern California Edison



"Really glad I attended -- good connections and ideas"

- Gregory Kresge, Senior Manager, Utility Engagement and Transportation Electrification, World Resources Institute

"Excellent. The wealth of experience present was terrific, breakout sessions helpful, and networking was essential"

- Brian Gregory, Compliance Leader, Emporia Energy

"A great conference to hear from industry-leading contributors and the advancement and needs of the V2G community. Additionally, a good networking space."

- Nathan Wang, Product UL Solutions

Past Participants in the U.S. Edition Include:

ABB E-Mobility
 AIO Electric
 Alliance for Automotive
 Innovation
 American Center for Mobility
 Autel Energy
 Automotive OEM
 BC Hydro
 BMW AG
 BorgWarner Inc
 California Air Resources Board
 California Energy Commission
 CALSTART
 CHAdeMO NA
 Chariot Energy
 Chrysler Group LLC
 Customized Energy Solutions
 CybSecBCML
 dcbel
 Dean Taylor Consulting
 Dejalytics Inc.
 DEKRA SE
 Delta Electronics
 DER Security Corp
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 Diamond Electric
 Department of Energy Vehicle
 Technologies Office
 DTE Energy
 Eaton
 ElaadNL
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 Energy and Environmental
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 Next-Dimension
 NineDot Energy
 Nissan North America

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 Pacific Gas and Electric
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 Laboratory
 Paratelic Ventures
 Peninsula Clean Energy
 PG&E
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 QualityLogic
 Quanta Technology
 Rhombus Energy
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 Salt River Project
 San Diego Gas & Electric
 Siemens
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 Smart Electric Power Alliance
 SMUD
 Southern California Edison
 Stellantis
 Sunnova
 Sunrun
 TeMix Inc.
 Tesla
 The Climate Center
 The Mobility House
 Toyota
 U.S. Department of Energy
 UL
 University of Delaware
 Utilidata
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 WeaveGrid
 WiTricity Corporation
 World Resources Institute
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- Special introductions and one-to-one meetings, facilitated by SGO
- Logo visibility on event website and in all marketing communications
- Logo recognition throughout the conference, during breaks and session introductions
- Corporate description with link on "Sponsors" page
- Post-conference communication with attendees

Silver - £3,500

- Tabletop exhibit space
- 2 complimentary passes
- Attendee list with contact information (for attendees who agree to have their email address included)
- Prominent logo visibility on event website and in all marketing communications
- Prominent logo recognition throughout the conference, during breaks and session introductions
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Bronze - £2,500

- 1 complimentary pass
- Attendee list with contact information (for attendees who agree to have their email address included)
- Prominent logo visibility on event website and in all marketing communications
- Prominent logo recognition throughout the conference, during breaks and session introductions
- Corporate description with link on "Sponsors" page

To arrange your participation, contact:

Daniel Coran, Program Manager, dcoran@smartgridobserver.com, +1-815-310-3343

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Smart Grid
Observer

[The Smart Grid Observer](#) is an online information portal and weekly e-newsletter serving the global smart energy industry. SGO hosts a number of conferences each year focused on issues of high relevance for the global clean energy industry. The goal is to foster information exchange and high-quality, one-to-one networking among industry professionals. Topics include EV charging infrastructure, grid modernisation, V2G, cyber security, microgrids, EV battery innovation and more. Recent Forums include:



6th Annual

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17th Edition

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SEPTEMBER 26-27, 2023 • LONDON

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<p>Early Bird Standard Rate - Equipment and software providers, consultants, and services providers</p> <p><i>Available until 17 January, 2025 - £1,195.00 thereafter. Access to sessions, lunches, networking coffee breaks and reception, as well as presentation PDFs and attendee list with contact information (for attendees who agree to share their email address)</i></p>	<p>£995.00</p>
<p>Early Bird – Utilities, academic, government and non-profit organisations</p> <p><i>Available until 17 January - £1.095.00 thereafter</i></p>	<p>£895.00</p>

Register securely online at <http://www.v2xforum.com/register.htm>