



3rd Annual

EV Charging Infrastructure Summit North America

July 11-12, 2023 • Chicago

www.smartgridobserver.com/EV-Summit

The Edison Electric Institute estimates some 9.6 million charge points will be needed in the U.S. by the end of the decade to support an estimated 18.7 million EVs on the road. As of Sept. 21, there were approximately 122,550 charging ports at more than 47,000 public and private stations, according to the U.S. Department of Energy's Alternative Fuels Data Center. This massive increase in EV charging infrastructure will have important implications for the grid, and present stakeholders with significant challenges - and opportunities.

Organized by the Smart Grid Observer, the **3rd Annual EV Charging Infrastructure Summit - North America**, July 11-12, 2023 in Chicago, convenes top industry experts and utility professionals to examine how growing EV adoption rates will impact the network, and what investments are needed to ensure grid stability and benefit. Case studies of current utility programs and deployments will be discussed with an eye toward refining strategies, identifying technologies, and implementing business models that will ensure widespread EV adoption is optimized for all parties involved.

Topics to be Addressed Include:

- Latest in smart charging and wireless charging
- Trends in EV adoption and implications for utilities
- Innovations in charging infrastructure
- V2G advances, opportunities, challenges and pilots
- Providing incentives to increase consumer demand for EVs
- EV and battery advances, and implications for charging infrastructure
- Integrating and optimizing renewable energy resources
- Integration of EV charging into microgrids
- Energy storage and EV charging
- Utility case studies and programs to date
- Scaling up existing charging operator networks
- Impact of EVs on grid operations and planning
- Regulatory requirements and standards
- Reuse of EV batteries into grid-scale energy storage systems
- Modeling and grid architecture planning: ensuring that charging is a grid benefit
- Charging station operators perspective
- Municipal perspectives and initiatives
- EV manufacturer perspectives on charging infrastructure requirements
- And more

Forum Audience

- Investor-owned, municipal, and rural utilities
- Grid operations engineers and planners
- EV program managers and fleet managers
- Service and network planners
- Consultants and system integrators
- EV manufacturers and charging network operators
- Regulatory and standards professionals
- Technology innovators and equipment vendors
- Energy storage solutions providers
- Urban planners and municipal transportation analysts
- Researchers, analysts and university professionals
- Renewable energy providers and technology vendors
- Financial and venture capital professionals

Organized by:



Previous Edition (2022) Agenda

Tuesday, June 7, 2022

9.00 - 9.30 am EV Program Design: Strategy, Business Case, & Best Practices/Lessons Learned

- Shelly Hagerman, PhD, Principal, West Monroe

9.30 - 10.15 am Fleet Electrification: Critical Considerations and Technology Advances

- Namit Singh, PhD, COO and Co-Founder, Microgrid Labs
- Reid Gustin, EV Charging Strategy Manager, Catalyze

10.15 - 10.45 am Networking Coffee Break

10.45 - 12.15 pm The Future of Mobility and EV Charging: Case Study of Illinois

- Elizabeth A. Kocs, Ph.D., Program Manager, Hydrogen Technology Center, GTI Energy (*moderator*)
- Maria S. Bocanegra, Commissioner, Illinois Commerce Commission
- Cheryl Scott, Sustainability Specialist, Metropolitan Mayors Caucus
- Aymeric Rousseau, Manager, Vehicle and Mobility Systems, Argonne National Laboratory
- Elbert Walters, Executive Director, Powering Chicago
- Megha Lakhchaura, State EV Officer, Illinois Environmental Protection Agency

12.15 - 1.15 pm Lunch

1.15 - 1.45 pm Leveraging Microgrids for EV Rapid Charging Infrastructure

- Steve Drouilhet, CEO, Sustainable Power Systems

1.45 - 2.45 pm Consumer Needs and Perceptions Regarding EV Charging in the U.S.

- Nathan Shannon, President & CEO, Smart Energy Consumer Collaborative (*moderator*)
- Monica Rosenbluth, Program Portfolio Manager, Xcel Energy
- Brian Bowen, Director, Business Development, Volta Charging
- Angelika Hoelger, Research Analyst, Touchstone Energy

2.45 - 3.15 am Networking Coffee Break

3.15 - 4.00 pm Standardizing EV Integration into Grid Operations

- James Mater, General Manager-Smart Grid, Quality Logic (*moderator*)
- Midhat Mafazy, Regulatory Program Engineer, Interstate Renewable Energy Council (IREC)
- *Representative from DEKRA TBA*

4.00 - 5.00 pm Vehicle to Grid (V2): Advances, Opportunities and Challenges

- William Siddall, Chief Operating Officer at NextEnergy (*moderator*)
- Dr. Melissa Chan, Director of Grid Solutions & Strategic Partnerships, Fermata Energy
- Manoj Karwa, Vice President, Rhombus Energy Solutions

Wednesday, June 8, 2022

9.00 am - 1.00 pm Workshop: Building a Plug and Play EV Charging Infrastructure

- James Mater, General Manager-Smart Grid, Quality Logic (*workshop leader*)

Speaking Opportunities



The program agenda for 2023 is currently in development. Industry practitioners, technology end users, researchers, and executives who are interested in delivering a presentation at the Summit, serving as session moderator, or participating on a panel discussion are welcome to submit a speaking proposal.

Guidelines for Submitting a Speaking Proposal

Individuals who wish to deliver a stand-alone presentation or organize a panel session with multiple speakers should submit the following to: info@smartgridobserver.com

1. Speaker name, title, company, and contact information
 2. Presentation title (or title of panel session)
 3. Abstract of presentation or panel session (150 words)
 4. Speaker biography and photo
 5. Bullet list of 4-5 Key Learning Points from the presentation or panel session
- We ask that proposals be non-commercial in nature. Submissions will be carefully reviewed by the Program Advisory Group to ensure depth and relevance to the program.
 - Sponsorship of the Forum is not a requirement for participating as a speaker.
 - Presentations that emphasize case studies, best practices, and real-world results are encouraged.

Topics to be addressed include:

- Latest in smart charging and wireless charging
- Trends in EV adoption and implications for utilities
- Innovations in charging infrastructure
- V2G advances, opportunities, challenges and pilots
- Providing incentives to increase consumer demand for EVs
- EV and battery advances, and implications for charging infrastructure
- Integrating and optimizing renewable energy resources
- Integration of EV charging into microgrids
- Energy storage and EV charging
- Utility case studies and programs to date
- Scaling up existing charging operator networks
- Impact of EVs on grid operations and planning
- Regulatory requirements and standards
- Reuse of EV batteries into grid-scale energy storage systems
- Modeling and grid architecture planning: ensuring that charging is a grid benefit
- Charging station operators perspective
- Municipal perspectives and initiatives
- EV manufacturer perspectives on charging infrastructure requirements

Sponsorship Packages

- Tabletop exhibit space
 - Speaking opportunity (subject to editorial approval and availability)
 - 4 complimentary passes
 - Virtual Exhibit display page
 - White paper or executive interview published on event website
 - Attendee list
 - Special introductions and one-to-one meetings facilitated by SGO
 - Top-level logo visibility on event website and in all marketing communications
 - Top-level logo recognition throughout the conference, during breaks and session introductions
 - Corporate description with link on "Sponsors" page
 - Post-conference communication with attendees
-

Platinum - \$4,000

- Tabletop exhibit space
 - 3 complimentary passes
 - Virtual Exhibit display page
 - Attendee list
 - White paper or executive interview published on event website
 - Special introductions and one-to-one meetings, facilitated by SGO
 - Top-level logo visibility on event website and in all marketing communications
 - Top-level logo recognition throughout the conference, during breaks and session introductions
 - Corporate description with link on "Sponsors" page
 - Post-conference communication with attendees
-

Gold - \$3,000

- Tabletop exhibit space
 - 2 complimentary passes
 - Virtual Exhibit display page
 - Attendee list
 - 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
-

Silver - \$2,000

- Tabletop exhibit space
 - 1 complimentary pass
 - Virtual Exhibit display page
 - Attendee list
 - 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
-

Bronze - \$1,000



To arrange your participation, contact:

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

Previous Summit Attendees Include:

AARGO [EVsmart](#)
ABB
[AddEnergie](#)
AECOM
[Al Masood LLC](#)
Alberta Electric System Operator
[AlphaStruxure](#)
Analytics Fire
[AnnDyl](#) Policy Group
Argonne National Laboratory
[Atlis](#) Motor Vehicles
[Avivv](#) LLC
Baltimore Gas & Electric
[Bluewav-ai](#)
Bolt industries
British Consulate-General, Houston
[Bronzeville](#) Partners LLC
Burns & McDonnell
C&H Technology Inc.
California Energy Commission
Canadian Electricity Association
Carleton University
Catalyze
CEATI International
Centre for Environment, Human
Rights & Development Forum
CENTROSUR
Chapel Hill Transit
[ChargeHub](#) | [Mogile](#) Technologies
ChargePoint
Chicago Transit Authority (CTA)
CIBC Capital Markets
City of Chicago
Clark University
Core One Consulting USA
County of Los Angeles
Customized Energy Solutions
Duke University
Eaton
[Ecoenergi](#), LLC
[ecoPreserve](#)
Electric Conduit Construction
Electric Power Board of Chattanooga
Electrify America
Enel X
[ESource](#)
EV Connect
Fermata Energy
Flash
FMI Capital Advisors
Francis Energy
Franklin Electric
General Motors Canada
Green Job Builders Inc
Green Spark
Green Ways 2 Go
GTI Energy
[Guidehouse](#) Insights
Hancock-Wood Electric Cooperative
HARTING
HEMBUS
HP Legacy
Hunt Energy Solutions
Illinois Commerce Commission
Illinois Environmental Protection
Agency
Illinois Institute of Technology
Indiana Toll Road Concession
Interstate Renewable Energy Council
Inyo Energy
[Itron](#)
JCREMC
Jitney EV
Kiewit
[Kitu](#) Systems
[Locusview](#)
Lubrizol Corp
Megavolt
[Meruelo](#) Enterprises Inc
Metropolitan Mayors Caucus
Microgrid Labs
NACFE
NARUC
New Flyer of America
New York Institute of Technology
[Nextech](#) Energy Systems
[NextEnergy](#)
[Niroo](#) Research Institute
Nissan North America
[Ondevan](#) Campervan
Own Engineering
P2S
[Peyser](#) Associates LLC
[Phoenix Mecano](#)
Pieper Electric
Plugged in Strategies
Powering Chicago
[Primise](#), Inc.
Prism Energy Services
Puget Sound Energy
PureB2B
Purolator
Quality Logic
R3
Resilient Power
Rhombus Energy Solutions
S&C Electric Company
Salt River Project
[SenKox](#) Technologies
Shared-Use Mobility Center
Siemens
Siemens Mobility
SIR Capital Management
Smart Energy Consumer
Collaborative
Southern California Edison
[Spinetic](#)
Stanford University
Sternberg Lighting
Sustainable Power Solutions
The Brattle Group
The Harbinger Group
Touchstone Energy
Tundra Process Solutions
U.S. Gain
[Ugesi](#) Energy
University of Illinois - Chicago
UK Department for
International Trade
United Power
Universal Air Filter
University of Queensland
University of San Diego
University of Wisconsin
Vellore Institute of Technology
[Vincere](#)
Volta Charging
Washington CORE, L.L.C
WEC Energy Group
WEL Networks
West Monroe Partners
Weston Solutions, Inc.
Xcel Energy

About the Organizer



The *Smart Grid Observer* is an online information portal and weekly e-newsletter serving the global smart energy industry. SGO delivers the latest news and information on a daily basis concerning key technology developments, deployment updates, standards work, business issues, and market trends driving the smart grid industry worldwide. Visit www.smartgridobserver.com to sign up for a complimentary subscription. Sponsors of SGO programs include:



Early Bird Registration

Includes access to all sessions, lunches and networking coffee breaks, as well as presentation PDFs, attendee list, and drink reception

Early Bird - Equipment and software providers, consultants, and services providers \$795
(Available until Friday, June 2, 2023. \$895 thereafter)

Early Bird - Utilities and C&I EV infrastructure owners \$695
(Available until Friday, June 2, 2023. \$795 thereafter)

Early Bird - Academic, Government and Non-Profit Organizations \$595
(Available until Friday, June 2, 2023. \$695 thereafter)

To register securely online, visit: www.smartgridobserver.com/EV-Summit/register.htm