

# 11<sup>th</sup> International ISO/IEC 15118 & CCS Testing Symposium

Interoperability & Conformance Testing Event  
for the Combined Charging System

## INVITATION



**May 16th – 17th 2019**  
**Washington D.C., USA**  
**- EV, EVSE & ECU Test Event -**

*Please visit our website for further information & news*  
**[www.testing-symposium.net](http://www.testing-symposium.net)**

The 11<sup>th</sup> International ISO/IEC 15118 & CCS Testing Symposium is

hosted by:  **electrify  
america**

co-hosted by:  **HUBJECT**

Organized by:



Supported by:





Invitation to the  
**11<sup>th</sup> International CCS & ISO/IEC 15118 Testing Symposium**  
**Interoperability & Conformance Testing Event**  
**for the Combined Charging System**  
**Hosted at Electrify America, Herndon, VA, United States**

**May 16<sup>th</sup> – 17<sup>th</sup>, 2019 @ Electrify America, Washington, United States**

Fellow PEV Charging Technology Community Members,

The organizing committee of the CCS & ISO/IEC 15118 Testing Symposium is very pleased to announce our next testing event the same week as two other events and meetings: the ISO/IEC 15118 Joint Working Group 1 standardization meeting and a conference on ISO 15118 Plug&Charge in Reston, VA, USA.

We therefore invite companies working in this area to participate in this PEV charging communication protocol testing event. The 11<sup>th</sup> Testing Symposium will be hosted by Electrify America and co-hosted by Hubject. The focus of the event is on testing PEV and charging infrastructure communication protocol conformance as well as interoperability.

Members of the PEV charging communication community are encouraged to participate in order to strengthen cross-vendor interoperability between EVs and supply equipment.

The Testing Symposium will take place:

**When:**

**16<sup>th</sup> – 17<sup>th</sup> May 2019**

**Where:**

**Electrify America, LLC  
300 Victory Dr, Herndon,  
VA 20170, USA**



**Co-Hosted by:**



As part of this event we aim to provide testing opportunities for **ISO/IEC 15118-2/-3**, **DIN 70121**, **SAE J2847/2**, **SAE J2931/1**, and **SAE J2931/4** compliant:

- **Electric Vehicles** with CCS Type 1 inlet
- **Supply Equipment (Charging Stations)** with CCS Type 1 connector
- **Electric Vehicle Communication Controllers (EVCC)** → ECU testing
- **Supply Equipment Communication Controllers (SECC)** → ECU testing
- **CCS Test Systems for EVs / EVSEs or EVCCs / SECCs**

Additionally, we aim to provide testing opportunities for OCPP2.0 compliant

- **Charging Station Controllers** → ECU testing
- **Back end Systems (Charging Station Management Systems)**

As part of the testing event, Round Robin tests will be conducted among suitable test pairings.

The testing event at Electrify America is expected to provide valuable feedback for all participants in the PEV charging community in support of developing EVs, charging stations, ECUs as well as refining test cases, test procedures and test apparatus / software.

Please join us at this event and submit your online application form in time.

**APPLICATION INFORMATION:**

Please apply for this event at:

[www.testing-symposium.net](http://www.testing-symposium.net)

Registration is embedded in the “**Information**” section of the website

**!! Registration closes on Wednesday 17<sup>th</sup> of April 2019 (EST, EOD) !!**

For registration, please use your real name and COMPANY email address. A verification mail will be sent to your email account providing *individual* access to the electronic Testing Symposium application form. You will be guided through a list of questions on your participation / test equipment. Please follow the instructions provided and submit the completed online form in order to finalize your application. You can also save an intermediate version of the application and complete it later by clicking on the "resume later" button.

After submission of the application form, you *cannot* update it anymore! In case you need to update an already submitted application, please re-submit a new application form by accessing the individual link from the registration confirmation email again. In this case, please provide a comment at the end of the questionnaire that your previous application is obsolete.

If you plan to bring **multiple types of test equipment** or in case your **test system supports multiple systems under test (SUT)**, e.g. EVCC / SECC, you can register up to four setups within one survey. In case you require more, please submit another application form (survey) for the remaining test equipment by accessing the link from the registration confirmation email again.

After **registration is closed** no more changes and submissions can be made. The application form for this event also offers participants the opportunity to give feedback and tune the event to the capabilities of each participant's communication controller. For your convenience, you can print or save all your answers as PDF after submission of the application form.

Things to consider:

- **The overall number of registrations is LIMITED → Register as early as possible!**
- **Max. 5 participants per company are allowed**
- **Due to the nature of this event, applications of active test participants have a higher priority over observer applications.**
- **Based on these limitations, we reserve the right to cancel applications.**
- **A final registration confirmation is sent to all participants after the registration deadline. Please consider this in the planning of your travel / logistics.**

All information in the application survey is collected for organizational purposes only, in order to find suitable test couples and to define a Round Robin test schedule at the testing event.

All participants are requested to sign a Participation, Safety & Confidentiality Agreement as part of the Sign-In procedure that will be provided before the Testing Symposium.

## **PREPARATORY & TECHNICAL INFORMATION:**

We will set up organizational conference calls *after* registration (~mid of April) for all test participants to clarify open questions / issues. We will invite to the conference calls through dedicated calendar invitations based on registration Email addresses.

### Technical requirements / constraints for real EV and EVSE tests:

- For AC: Type 1 plugs and inlets according to IEC 62196-2 / SAE J1772.
- For DC: CCS Type 1 (Combo 1) plugs and inlets according to IEC 62196-3.
- Supply voltage is 480V (3-phase) at 60Hz with direct connection to distribution panel, maximum cable diameter for EVSE is 50mm<sup>2</sup> / 1AWG
- Max supply power for EVSE is set at 25kW. Max. EVSE supply power will be provided to EVSE suppliers before installation. All EVSE suppliers must ensure that the rated max. power is not exceeded during the event.

### Technical requirements for communication controller (ECU) tests:

- Control Pilot (CP) and Proximity (PP) circuit according to IEC61851-1 shall be provided.
- The expected physical connection for CP, GND and optionally PP is:
  - 4mm female banana plugs for EVCC
  - 4mm male banana plugs for SECC
- Supply voltage is 120V at 60Hz with NEMA 5-15 sockets/plugs.

Previous testing events have shown that it is favorable if every company participates with at least one engineer who can change/flash their communication controller on-site.

If you bring heavy equipment to the Testing Symposium (e.g. Electric Vehicle or DC Fast Charger), please contact the Host for further information.

## **REGISTRATION ON SITE:**

On the day of the respective event, all participants must sign-in at the reception counter located at Electrify America 300 Victory Dr, Herndon, VA 20170, USA

## **CONTACT INFORMATION:**

In case of any questions or issues, please do not hesitate to contact us:

Organization	Host
<b>Jens SCHMUTZLER</b> VERISCO Phone: + 49 (0) 231 137 15585 E-Mail: <a href="mailto:jens.schmutzler@verisco.de">jens.schmutzler@verisco.de</a>	<b>Philipp RETSCH</b> EV Infrastructure Technology Lead Phone: + 1 (571) 325-6043 E-Mail: <a href="mailto:philipp.retsch@electrifyamerica.com">philipp.retsch@electrifyamerica.com</a>
<b>Sven GRÖNING</b> VERISCO Phone: + 49 (0) 231 137 12081 E-Mail: <a href="mailto:sven.groening@verisco.de">sven.groening@verisco.de</a>	<b>Barton SIDLES</b> Hubject Inc. Phone: +1 (202) 290-8671 E-Mail: <a href="mailto:barton.sidles@hubject.com">barton.sidles@hubject.com</a>





**LOGISTICS (IMPORTANT):**

The address for the test symposium logistics is:

**Testing Symposium  
Electrify America, LLC  
300 Victory Dr, Herndon,  
VA 20170, USA**

**For delivery of testing equipment, the opening hours will be:**

- Monday, May 13<sup>th</sup> from 9:00 AM to 5:00 PM (EST)
- Tuesday, May 14<sup>th</sup> from 9:00 AM to 5:00 PM (EST)
- Wednesday, May 15<sup>th</sup> from 9:00 AM to 5:00 PM (EST)

***!! NO DELIVERY WILL BE ACCEPTED AFTER WEDNESDAY, MAY 15 !!***

**Note:** It is required that people responsible for the electrical connection of the charging station are available on test symposium's site for connecting their DC or AC charging station to the voltage supply.

Monday, May 13<sup>th</sup> 9:00 AM to 5:30 PM (EST)

Tuesday, May 14<sup>th</sup> 9:00 AM to 5:30 PM (EST)

**Note:** Last possibility to connect (only with major reason):

Wednesday, May 15<sup>th</sup> 9:00 AM to 5:30 PM (EST)

Due to site access restrictions, each company that needs to offload testing equipment for the test symposium is **required to contact after registration confirmation:**

**Philipp Retsch**

Email: [philipp.retsch@electrifyamerica.com](mailto:philipp.retsch@electrifyamerica.com)

**For accessing the facility, a valid ID card is required**

**For the loading and departure, the available hours will be:**

- Friday, May 17<sup>th</sup> from 6:00 PM to 9:00 PM (EST)
- Saturday, May 18<sup>th</sup> from 9:00 AM to 12:00 AM (EST)

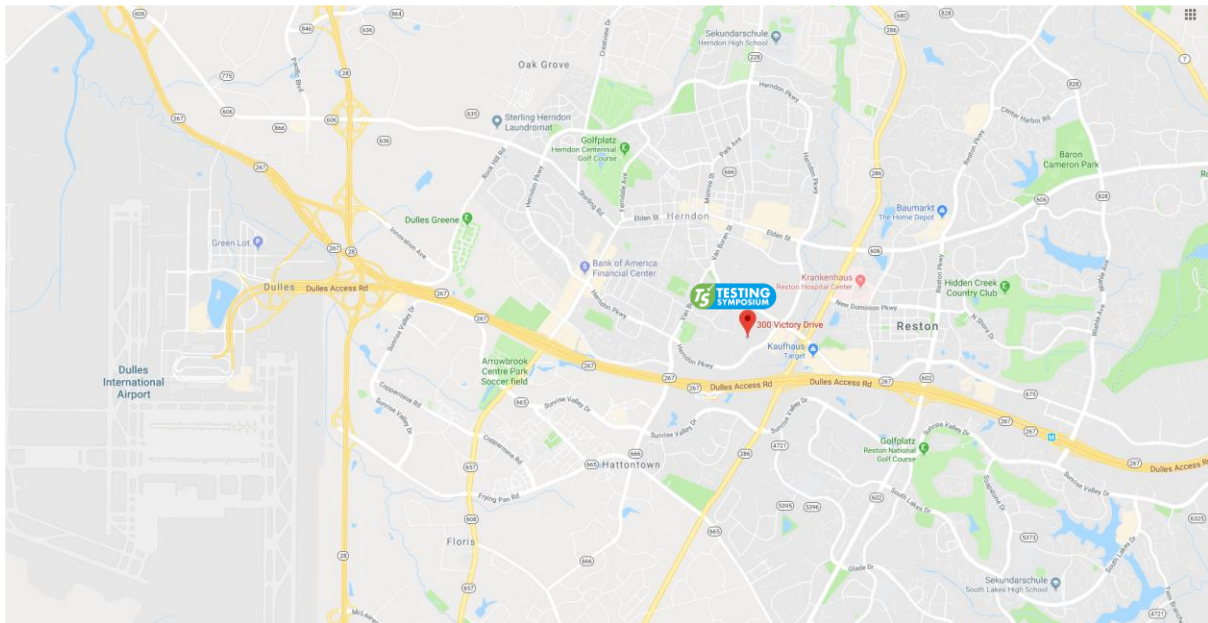
# 11th International CCS & ISO/IEC 15118 Testing Symposium and Conference



## **TRAVEL DIRECTIONS:**

The venue address for the Testing Symposium is:

**Testing Symposium  
Electrify America, LLC  
300 Victory Dr, Herndon,  
VA 20170, USA**



Source: Google Maps

## **Hotel Recommendations:**

- Sheraton Reston Hotel, 11810 Sunrise Valley Dr, Reston, VA 20191  
– limited number of rooms blocked for at preferred rate. Reference: Hsubject Event
- The Westin Reston Heights, 11810 Sunrise Valley Dr, Reston, VA 20191
- Hyatt House Herndon/Reston, 467 Herndon Parkway, Herndon, VA 20170

## **VISA**

Please make sure if a VISA is needed to enter The United States

<https://travel.state.gov/content/travel/en/us-visas.html/>

If you are unsure whether a VISA is required, please contact your embassy with enough lead time.

On your request, an invitation letter can be provided. Please fill out the form provided on the Testing Symposium Website at [https://www.testing-symposium.net/resources/2019-05\\_USA/Invitation-11thTestingSymposium\\_Washington\\_MAY2019.pdf](https://www.testing-symposium.net/resources/2019-05_USA/Invitation-11thTestingSymposium_Washington_MAY2019.pdf) and send the filled form by Barton Sidles and CC Philipp Retsch to request your copy of an invitation letter:

- [Barton.Sidles@hsubject.com](mailto:Barton.Sidles@hsubject.com)
- [Philipp.Retsch@electrifyamerica.com](mailto:Philipp.Retsch@electrifyamerica.com)

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