<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 PM</td>
<td>Welcome and Introductions (5 minutes)</td>
</tr>
<tr>
<td></td>
<td>• Agenda review</td>
</tr>
<tr>
<td></td>
<td>• Roll call, by state</td>
</tr>
<tr>
<td>3:05 PM</td>
<td>Panelist Opening Remarks:</td>
</tr>
<tr>
<td></td>
<td>• 5 minutes: Phil Jones, Alliance for Transportation Electrification</td>
</tr>
<tr>
<td></td>
<td>• 5 minutes: Stefanie Brand, New Jersey Division of Rate Counsel</td>
</tr>
<tr>
<td></td>
<td>• 5 minutes: Joshua Cohen, Greenlots</td>
</tr>
<tr>
<td>3:20 PM</td>
<td>Panel Discussion (30 minutes)</td>
</tr>
<tr>
<td></td>
<td>• 30 minutes: Panelists will discuss the role of the utility in EV charging investments, including whether they think utilities should own and operate charging stations or invest in make-ready infrastructure, as well as the role of the third-party charging industry (see discussion questions below).</td>
</tr>
<tr>
<td>3:50 PM</td>
<td>Final Panelist Q&amp;A (10 minutes)</td>
</tr>
<tr>
<td></td>
<td>• Working group members will have a chance to ask any remaining questions.</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Closed Door Discussion</td>
</tr>
<tr>
<td></td>
<td>• Working group members will discuss their own views and the actions their states have taken to date.</td>
</tr>
<tr>
<td>4:25 PM</td>
<td>Next Steps and Announcements (5 minutes)</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>
Roll Call

Working Group Members

States:
- Arizona
- California
- Colorado
- Connecticut
- D.C.
- Florida
- Georgia
- Hawaii
- Illinois
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Missouri
- Nevada
- New Jersey
- New York
- North Carolina
- Ohio
- Oregon
- Puerto Rico
- South Dakota
- Texas
- Vermont
- Washington
- Wisconsin

National/Federal Partners:
- NARUC
- U.S. DOE
- U.S. EPA
The Role of the Utility in EV Charging Investments

Panelist Opening Remarks

- Phil Jones, Alliance for Transportation Electrification
- Stefanie Brand, New Jersey Division of Rate Counsel
- Josh Cohen, Greenlots
Opening Remarks

Phil Jones

- Executive Director, Alliance for Transportation Electrification
- Past President of NARUC and Former Washington UTC Commissioner
- phil@philjonesconsulting.com
Opening Remarks

Stefanie Brand
- Director, New Jersey Division of Rate Counsel
- sbrand@rpa.nj.gov
Greenlots is powering the future of electric transportation with industry-leading EV charging software and services.

- **EV Charging Network Software**: Operate & monitor networks of charging stations
- **Smart Charging Optimization**: Site-focused energy management
- **Digital Mobility Solutions**: Digital platforms for fleets and auto OEMs to expand their emobility offerings
- **Grid Balancing Services**: Aggregate and leverage EV load to maintain grid reliability and efficiency

Our turnkey approach to charging infrastructure includes:

- Choice of hardware
- Program Management
- Engineering & Commissioning
- Software & Mobile App
- Customer Support and O&M
Josh Cohen, Director of Policy
(410) 989-8121
jcohen@greenlots.com
Panel Questions

1. What do you think is the biggest barrier to widespread EV adoption? Are you worried about the “charging gap?”
Panel Questions

2. What would you envision as the ideal utility role in EV charging?
Panel Questions

3. What are the pros and cons of utilities owning and operating charging infrastructure?
4. What are the pros and cons of utilities rate basing other investments (including make-ready infrastructure or charger rebate programs)?
5. How can utility involvement impact the total availability of EV charging and the speed of market transformation? What is the impact on the third party charging industry?
Panel Questions

6. How does utility involvement impact low and moderate income ratepayers and under-served communities?
Panel Questions

7. How would you characterize the rate impact of EV adoption and EV programs? How can charging stations be built at the least cost?
Panel Questions

8. Would utility involvement in EVSE (or lack thereof) have any impact on the ability to integrate EV load onto the grid?
9. Is the utility better suited to certain charging applications than others? (Medium/heavy-duty, fleets, DCFC, underserved areas, etc.)
Audience Questions

Does the working group have any additional questions for the panel?
Facilitators

- Working Group Chair Maria Bocanegra and Illinois Commerce Commission Staff
- Working Group Vice-chair Jason Stanek and Maryland Public Service Commission Staff
Preparatory Questions

To Consider in Advance:

- Has your state received any utility proposals to invest in EV charging infrastructure (EVSE)? What final decision was reached?
- Who owns and operates the EVSE, if allowed?
- Do any utilities in your state have make-ready or rebate programs?
- Why did you arrive to these conclusion?

Discussion Questions

How do you think about the questions asked of the panelists?

1. What would you envision as the ideal utility role in EV charging?
Discussion Questions

How do you think about the questions asked of the panelists?
1. What would you envision as the ideal utility role in EV charging?
2. What are the pros and cons of utilities owning and operating charging infrastructure?
Discussion Questions

How do you think about the questions asked of the panelists?

1. What would you envision as the ideal utility role in EV charging?

2. What are the pros and cons of utilities owning and operating charging infrastructure?

3. What are the pros and cons of utilities rate basing other investments (including make-ready infrastructure or charger rebate programs)?
Discussion Questions

How do you think about the questions asked of the panelists?

1. What would you envision as the ideal utility role in EV charging?

2. What are the pros and cons of utilities owning and operating charging infrastructure?

3. What are the pros and cons of utilities rate basing other investments (including make-ready infrastructure or charger rebate programs)?

4. Is the utility better suited to certain charging applications than others? (Medium/heavy-duty, fleets, DCFC, underserved areas, etc.)
Announcements

NARUC Report on EVs

- “Electric Vehicles: Key Trends, Issues, and Considerations for State Regulators” was released in December

- Feel free to share with colleagues: http://bit.ly/EVkeytrends
Announcements

April Meeting:
- Topic: Managed Charging and Vehicle-To-Grid
- Final date, speakers, and agenda to come

New EVSWG Listserv: NARUC-EVSWG@lists.naruc.org

Recordings of past EVSWG meetings: www.naruc.org/cpi/cpi-past-events/