



U.S.-India SCCP Virtual Workshop: The Future of Electric Vehicles in India

Session 1: E.V. Charging Standards and Protocols

February 18, 2021

<p>5:30pm – 5:35pm (IST) 7:00 am – 7:05 am (EST)</p>	<p>Sign-on to webinar</p>
<p>5:35pm – 5:55 pm (IST) 7:05 am – 7:25 am (EST)</p>	<p>Welcome and Opening Remarks Moderator: Jessica Roop, Sr. Program Manager, International Development, American National Standards Institute (ANSI)</p> <ul style="list-style-type: none"> • Mehnaz Ansari, USTDA Representative, India, South and Southeast Asia • Aileen Nandi, U.S. Department of Commerce, Senior Commercial Officer, India • Jayanta Roy Chowdhury, Bureau of Indian Standards, Director of Standardization
<p>5:55 pm – 6:15 pm (IST) 7:25 am – 7:45 am (EST)</p>	<p>Presentation #1</p> <p>Speaker Name: Mr. Rich Byczek, Global Technical Director, Transportation Technologies, Intertek</p> <p>Topic: EV Safety Standards (US vs IEC/EN vs GB)</p> <p>Q&A and Discussion (5 min)</p>
<p>6:15 pm – 6:35 pm (IST) 7:45 am – 8:05 am (EST)</p>	<p>Presentation #2</p> <p>Speaker: Mr. Sajid Mubashir, Chair ETD 51 and Head, Technology Development & Transfer (EV) Division, Ministry of Science and Technology, Department of Science & Technology, New Delhi</p> <p>Topic: Indian EV Charging Standards</p> <p>Q&A and Discussion (5 min)</p>
<p>6:35 pm – 6:55 pm (IST) 8:05 am – 8:25 am (EST)</p>	<p>Presentation #3</p> <p>Speaker: Ted Bohn, Principal Electrical Engineer, Argonne National Laboratory</p> <p>Topic: EV Protocol Options: Communication and Controls</p> <p>Q&A and Discussion (5 min)</p>
<p>6:55 pm – 7:15pm (IST) 8:25 am – 8:45 am (EST)</p>	<p>Presentation #4</p> <p>Speaker: William “Bill” Gouse, Director, Federal Program Development, SAE International</p> <p>Topic: Overview of SAE International Hybrid and Electric Vehicle Standards Activities</p> <p>Q&A and Discussion (5 min)</p>
<p>7:15 pm – 7:25 pm (IST) 8:45 am – 8:55 am (EST)</p>	<p>Wrap-up Q&A and Discussion</p>
<p>7:25 pm – 7:30 pm (IST) 8:55 am – 9:00 am (EST)</p>	<p>Adjourn</p>



Session 2: Indian E.V. Power Utilities and Regulatory Issues February 23, 2021

5:30pm – 5:35pm (IST) 7:00 am – 7:05 am (EST)	Sign-on to webinar
5:35pm – 5:55 pm (IST) 7:05 am – 7:25 am (EST)	Welcome and Opening Remarks Moderator: Jessica Roop, Sr. Program Manager, American National Standards Institute (ANSI) <ul style="list-style-type: none"> • Mehnaz Ansari, USTDA Representative, India, South and Southeast Asia • Geoff Parish, U.S. Department of Commerce, Principal Commercial Officer (PCO) for North India • Vipin Sahni, Executive Director, Confederation of Indian Industry (CII)
5:55 pm – 6:15 pm (IST) 7:25 am – 7:45 am (EST)	Presentation #1 Speaker: Manjunath Vittala Rao, Standards and Program Manager—South Asia, Middle East and Africa, Underwriter Laboratories Topic: Grid Connected Energy Storage System—Safety and Performance Standards and Implementation Q&A and Discussion (5 min)
6:15 pm – 6:35 pm (IST) 7:45 am – 8:05 am (EST)	Presentation #2 Speaker: Ravikiran Annaswamy, CEO, Numocity Topic: EV Adoption Roadmap for India Q&A and Discussion (5 min)
6:35 pm – 6:55 pm (IST) 8:05 am – 8:25 am (EST)	Presentation #3 Speaker: John Halliwell, Sr. Technical Executive, Electric Power Research Institute (EPRI) Topic: “CHARGING” for Charging: Utility Regulations Q&A and Discussion (5 min)
6:55 pm – 7:15pm (IST) 8:25 am – 8:45 am (EST)	Presentation #4 Speaker: John Voelcker, EV Analyst and Reporter, Charged EV Magazine Topic: Trends in the EV Marketplace Q&A and Discussion (5 min)
7:15 pm – 7:25 pm (IST) 8:45 am – 8:55 am (EST)	Wrap-up Q&A and Discussion
7:25 pm – 7:30 pm (IST) 8:55 am – 9:00 am (EST)	Adjourn



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Session 3: Promoting Investment in Indian E.V. Development through Standardization

February 25, 2021

<p>5:30pm – 5:35pm (IST) 7:00 am – 7:05 am (EST)</p>	<p>Sign-on to webinar</p>
<p>5:35pm – 5:55 pm (IST) 7:05 am – 7:25 am (EST)</p>	<p>Welcome and Opening Remarks Moderator: Jessica Roop, Sr. Program Manager, International Development, ANSI</p> <ul style="list-style-type: none"> • Mehnaz Ansari, USTDA Representative, India, South and Southeast Asia • Manoj Desai, U.S. Department of Commerce, Principal Commercial Officer (PCO) for South India • Sh. P V Mathew, Bureau of Indian Standards, Secretary of TC 51 Technical Committee
<p>5:55 pm – 6:15 pm (IST) 7:25 am – 7:45 am (EST)</p>	<p>Presentation #1</p> <p>Speaker Name: Randheer Singh, Senior Specialist, Niti Ayog</p> <p>Topic: Financing EVs in India and Addressing Market Barriers</p> <p>Q&A and Discussion (5 min)</p>
<p>6:15 pm – 6:35 pm (IST) 7:45 am – 8:05 am (EST)</p>	<p>Presentation #2</p> <p>Speaker: Yuvraj Sarda, Head, Strategy, Sun Mobility</p> <p>Topic: Battery Swapping – a Viable Solution for Accelerating EVs in Micro Mobility</p> <p>Q&A and Discussion (5 min)</p>
<p>6:35 pm – 7:20 pm (IST) 8:05 am – 8:50 am (EST)</p>	<p>Panel Discussion: U.S. and Indian Representatives</p> <p>Moderator: Mr. Rich Byczek, Global Technical Director, Transportation Technologies, Intertek</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr Sohinder Gill, CEO, Hero Electric India • Mr. Sajid Mubashir, Chair ETD 51 and Head, Technology Development & Transfer (EV) Division, Ministry of Science and Technology, Department of Science & Technology, New Delhi • Mr. Peter Qu, CEO, Zebra E-Bikes • Mr. John Halliwell, Sr. Technical Executive, Electric Power Research Institute (EPRI) <p>Topic: Public vs Private Ownership, Investment Needs, and Future Outlook</p> <p>Q&A and Discussion</p>
<p>7:20 pm – 7:30 pm (IST) 8:50 am – 9:00 am (EST)</p>	<p>Adjourn</p>