



US EPA's SF₆ Emission Reduction Partnership for Electric Power Systems



2017 Workshop on SF₆ Emission Reduction Strategies

January 24–25, 2017

*Embassy Suites by Hilton, San Francisco Airport Waterfront
Burlingame, CA*

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Monday, January 23, 2017: Our registration desk will be open from 4:00 – 6:00pm for anyone who would like to check in early.

Tuesday, January 24, 2017

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| 7:30 – 8:30 AM | Check in to the Registration Desk and Breakfast - Atrium |
| 8:30 – 9:15 AM | Welcome and Workshop Introduction - Embassy Ballroom ❖ Debbie Ottinger/Jerome Blackman, US EPA |
| 9:15 – 9:45 AM 9:45 – 10:15 AM | US Reporting Program & Nameplate Capacity Accuracy - Embassy Ballroom ❖ US GHGRP Update, Debbie Ottinger, US EPA ❖ SF ₆ Reporting Challenges, Jonathan Stewart, NEMA |
| 10:15 – 10:35 AM | Coffee Break - Ambassador Ballroom |
| 10:35 – 11:00 AM | SF₆ Handling - Embassy Ballroom ❖ Integrated Management for the Handling and Disposal of SF ₆ Gas, Felix Arroyo and Carlos Riva Agüero Padilla, Red de Energía del Perú ❖ SO ₂ - Byproduct Handling, Billy Lao, DILO Direct |
| 11:00 – 11:30 AM | |
| 11:30 AM – 1:00 PM | Lunch - Atrium |
| 1:00 – 1:30 PM 1:30 – 2:00 PM 2:00 – 2:30 PM | Leak Detection and Repair - Embassy Ballroom ❖ EMT Smartfill/ Adding SF ₆ to Energized Breakers, Thomas Bagnasco, PG&E ❖ SF ₆ Leak Reduction Using On-Line Leak Sealing, Liisa Colby, The Colt Group and Deana Woods, Alliant Energy ❖ Strategy for Elimination of SF ₆ in Production Processes, Philip C. Bolin, Dave Giegel, John Larson, Rich York, Mitsubishi |
| 2:30 – 2:50 PM | Coffee Break - Ambassador Ballroom |
| 2:50 – 3:15 PM 3:15 – 3:40 PM | SF₆ Alternatives - Embassy Ballroom ❖ 3M™ Novec™ Dielectric Fluids: SF ₆ Alternatives for Power Utilities, Dave Nyberg, 3M ❖ GIS without SF ₆ , Thomas Rak, PG&E |
| 3:40 – 4:10 PM | Consolidated Edison of New York: Best Management Practices for SF₆ Leak Detection, Repair and Tracking - Embassy Ballroom ❖ Marc Blute and Patrick Di Lillo, Con Edison |
| 4:10 – 4:30 PM | Open Forum - Embassy Ballroom ❖ Additional discussion, Q&A session |
| 4:30 – 6:00 PM | Reception - Waterfront Ballroom |



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|------------------------------------|--|
| Wednesday, January 25, 2017 | |
| 7:30 – 8:30 AM | Breakfast - Atrium |
| 8:30 – 8:50 AM | Morning Greeting - Embassy Ballroom ❖ Mariano Mandler, PG&E |
| 8:50 – 9:20 AM | Southern California Edison Case Study - Embassy Ballroom ❖ SF ₆ Inventory Management Challenges, Alex Salinas, Southern California Edison and Lukas Rothlisberger, DILO |
| 9:20 – 9:45 AM | State and International Climate Regulation Update - Embassy Ballroom ❖ Update on California's SF ₆ from GIS Regulation, Dave Mehl, California Air Resources Board (CARB) ❖ Sustainable Reduction of SF ₆ Emission – OEMs, Users, new EU-F-Gas Regulation, Peter Glaubitz, Siemens |
| 9:45 – 10:10 AM | |
| 10:10 – 10:30 AM | Coffee Break - Ambassador Ballroom |
| 10:30 AM – 11:00 AM | Closing Remarks - Embassy Ballroom ❖ Q&A, future workshop topics, closing remarks |
| Workshop Adjourns | |
| 12:00 PM – 3:30 PM | Site Tour: Pacific Gas and Electric- San Mateo Substation <i>Open only to those that have registered as Site Tour Participants.</i> |



***With appreciation to Pacific Gas and Electric for supporting the
Workshop and sponsoring the Site Tour.***