The First Annual Renewable Energy Technologies-Energy Storage Symposium

AGENDA

June 14, 2019
8:30 a.m. - 4:40 p.m. (PST)
Warren-Alquist State Energy Building
1516 Ninth Street
Arthur Rosenfeld Hearing Room
Sacramento, California 95814

8:30-8:45 Welcome & Opening Remarks
California Energy Commission and Sandia National Laboratories

8:45-10:15 Energy Storage Chemistries and Technologies
Vincent Sprenkle, Pacific Northwest National Laboratory (PNNL)
Summer Ferreira, Sandia National Laboratories (SNL)

10:15-10:30 Morning Break

10:30-12:00 Component Testing
Yuliya Preger, SNL – Batteries
Sig Gonzales, SNL – Inverters
Tu Nguyen, SNL – EMS and BMS
12:00-1:00  Lunch Break

1:00-1:45  Performance Metrics
  Vilayanur (Vish) Viswanathan, PNNL – Power
  David Rosewater, SNL – Energy, Charge/Discharge, and Losses

1:45-2:30  Commissioning
  Dan Borneo, SNL

2:30-2:45  Afternoon Break

2:45-3:30  Fire Hazard Elimination and Suppression
  David Rosewater, SNL

3:30-4:00  System Design, Assembly Considerations, and Interconnection
  Dan Borneo, SNL
  Charlie Vartanian, PNNL

4:00-4:30  Reliability and Degradation Analysis
  Summer Ferreira, SNL
  Daiwon Choi, PNNL

4:30-4:40  Closing Remarks
  Armand Angulo, Manager, California Energy Commission – Renewable Energy Division

After the meeting, Sandia staff will be available for open discussions.