

**EPIC DC Power Study
Design Options Review Meeting Agenda
San Leandro ZNE Center
Thursday, Dec 15th, 2016**

- 9:30-9:45 Welcome and introductions
- 9:45-10:00 Meeting purpose and outcomes
- 10:00-10:30 Review example DC building designs and demos (Alliance for Sustainable CO building, Bosch demo, NextEnergy house, Solar Power International microgrid)
- What is the DC power source? Is there energy storage?
 - How is power distributed? (voltage, topology, wiring)
 - What end-use equipment?
- 10:30-12:00 Case study buildings: AC baseline and DC design options
- Lighting
 - HVAC
 - Plug loads & appliances
- 12-12:30 Lunch
- 12:30-2 Case study buildings: AC baseline and DC design options
- Storage
 - Renewable integration
 - EV integration
- 2:00-2:45 Review draft end-use DC design templates
- 2:45-3:15 Break & tour ZNE center
- 3:15-4:00 Summarize input and next steps for design templates and guidelines