

## **Introduction**

### **Section 1: About Con Edison's Grid**

- The Electric Supply Chain
- Con Edison Radial Network
- Con Edison Network Grid

### **Section 2: Technical Interconnection Considerations for Solar**

- Interconnecting Solar on Radial Service
  - Typical limitations and potential upgrade requirements
- Interconnecting Solar on Network Service
  - Typical limitations and potential upgrade requirements
- Interconnecting Solar on Spot or Isolated Network Service
  - Information on smart grid solutions (SCADA, APP, et cetera)

### **Section 3: Interconnection Process**

- Prior to Submission: References and List of Required Documents and Forms
- Best Practices for Applications
- Three Line Diagrams
  - Samples
  - Checklist of required content
- How To Submit: Project Center Overview
- Under 50kW Process
  - Required forms
  - Self-certification
- Over 50kW to 5MW Process
  - Brief overview of steps and flow chart of SIR options
  - CESIR: costs, timeline, results
  - System/service upgrades: costs, timeline, coordination
  - Verification testing checklists and procedures
  - Review of closeout procedures (metering, final acceptance)
- Communications During Your Project
  - List of Departments and Responsibilities Related to Solar

### **Section 4: Rates and Service Classifications**

- Typical Service Classifications (SC-1, SC-2, SC-8, SC-9)
  - Demand v. energy-only and basic charges

- Net Metering
  - How it works
- Remote Net Metering
  - How it works
  - Tariff references
  - FAQs
- Community Distributed Generation
  - How it works
  - Forms and procedural documents required
- Important Net Metering Points for Customers (examples below)
  - Net metering readings compared to solar production
  - Level billing and time of use
  - Net metering and demand charges
- Con Edison Solar Resources for Customers
  - Video
  - Solar website

#### **Section 5: Solar and Storage**

- Technical considerations
- Process
- Net metering

#### **Section 6: Contacts for Further Questions**

#### **Section 7: Definitions and Acronyms**