

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 Fuel Cells

- Interconnecting Fuel Cells on Radial Service
 - Typical limitations and potential upgrade requirements
- Interconnecting Fuel Cells on Network Service
 - Typical limitations and potential upgrade requirements
- Interconnecting Fuel Cells on Spot or Isolated Network Service
 - Information on smart grid solutions

Section 3: Interconnection Process

3A - Gas Interconnection

- Prior to Submission: References and List of Required Documents and Forms
 - Drawings
 - Load Letters
 - Permits/Certificates
 - Introduction to Rider H & Rider J
- Best Practices for Applications
 - Final Gas Checklist
 - Gas Risers requirement for Rider H
- How To Submit: Project Center Overview
- Communications During Your Project
 - List of Departments and Responsibilities Related to Fuel Cell Gas Connection

3B - Electric Interconnection

- Prior to Submission: References and List of Required Documents and Forms
- Best Practices for Applications
 - Use during grid outages requires additional documentation
- Three Line Diagrams
 - Samples
 - Checklist of required content

- How To Submit: Project Center Overview
- NYS SIR Interconnection 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 Fuel Cell Electric Interconnection

Section 4: Rates and Service Classifications

- Typical Gas Service Classifications
 - Rider H Gas
 - Rider J Gas
- Typical Electric Service Classifications (SC-1, SC-2, SC-8, SC-9)
 - Demand v. energy-only and basic charges
 - Rider R and Designated Technology definition
- Net Metering
 - How it works
 - Avoided Cost Reconciliation
 - RNM & CDG
- Important Net Metering Points for Fuel Cell Customers (examples below)
 - Net metering readings compared to Fuel Cell production
 - Net metering and demand charges
- Con Edison Fuel Cell Resources for Customers
 - Website materials
 - Distributed Generation Guide
 - Gas Yellow Book

Section 5: Fuel Cell Paired with Other Technologies

- Net metering considerations with Solar/Wind
 - Avoided Cost versus Retail NEM
- Net Metering considerations with Battery Storage
 - “Allied Converters” type solution
- Net Metering considerations with CHP plants
 - Note on loss of efficiency of CHP Plant

Section 6: Contacts for Further Questions

Section 7: Definitions and Acronyms