Agenda

**OpenDSS Version 8 Workshop**

Consolidated Edison Co, New York, NY  
**October 17-18, 2019**

This Workshop is an introduction to OpenDSS Version 8. The goal is not only to introduce users to OpenDSS but to encourage users to make use of the advanced features for parallel processing and other recently-introduced features. Participants in the Workshop should bring their own laptop computers (with Windows) with the software installed in order to participate in class exercises. Microsoft Excel would be useful.

Main OpenDSS Website: <https://www.epri.com/#/pages/sa/opendss?lang=en>

OpenDSS Installer Download Page: <https://sourceforge.net/projects/electricdss/>

OpenDSS-G Installer Download Page: <https://sourceforge.net/projects/dssimpc/>

**Note: This is a nominal agenda that will be adjusted on the fly as needed**

**Day 1**

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| **Time (Nominal)** | **Description** |
| 8:00– 8:30 | Registration and Introductions |
| 8:30– 10:00 | Introduction to OpenDSS and OpenDSS-G   * Things that are different about OpenDSS * Installation and Startup * How Does OpenDSS Work? * Circuit Models in OpenDSS * Scripting Basics |
| 10:00-- 10:15 | Break |
| 10:15 – 12:00 | Introduction to OpenDSS-G |
| 12:00 – 1:00S | Lunch |
| 1:00 – 2:00 | Scripting for Large Circuit Models  Scripting for parallel processing |
| 2:00 – 2:30 | Break |
| 2:30 – 4:00 | Application Programming Interfaces  COM Interface Basics  Direct DLL Interface  Examples |

**Day 2**

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| **Time** | **Description** |
| 8:00 – 8:30 | Day 1 Review |
| 8:30 – 10:00 | Presentations by Con Ed Users |
| 10:00 – 10:15 | Break |
| 10:15 – 12:00 | Various Advanced Topics  PVSystem + InvControl  Storage + Storagecontroller |
| 12:00 – 1:00 | Lunch |
| 1:00 – 3:00 | More Advanced Topics  OpenDSS-G Topics  Transformer Modeling  Regulators and Capacitor Controls  As time allows…  Examples  Custom Models  Monte Carlo Fault example  Intro to A-Diakoptics |
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