



AGENDA

2018 ETAP Nuclear Utility Users Group (NUUG) Conference & Symposium

ETAP Learning Center – Irvine, CA
June 19 – 21, 2018

ETAP NUUG Executive Committee:

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ETAP 251

DC Arc Flash Analysis - Advanced

June 22, 2018
9:00 am – 4:00 pm

Morning Session

DC Arc Flash Analysis & Result Analyzer

- o DC Arc Flash Concept & Overview
- o Calculation Methods (Max. Power, Paukert, Stokes & Oppenlander)
- o Data Requirements
- o Parameter Settings / Adjustments
- o Result Analyzer
- o Exercise

Afternoon Session

New IEEE 1584 - 2018 Arc Flash Standard

- o IEEE 1584 2018 Arc-Flash Model - Draft 4
- o Effect of Electrode Configurations
- o Arcing Current Variation
- o Enclosure Effects & Correction Factor
- o Effect of Electrode Material Copper / Aluminum – for low-voltage equipment
- o What differences to expect between old and new model